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### The First Hundred Years of the University of Nebraska College of Medicine

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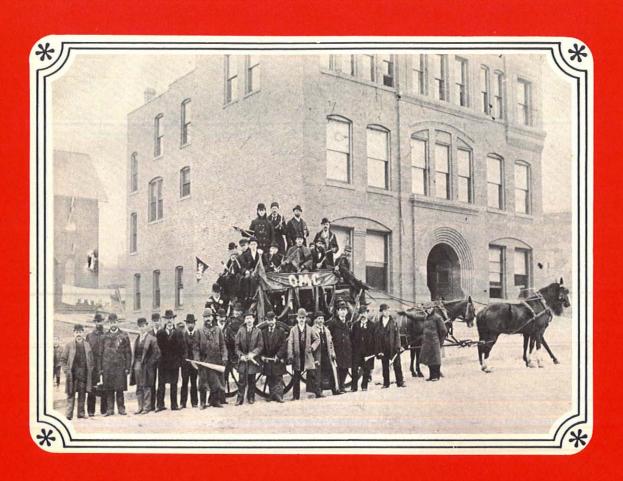
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## THE FIRST HUNDRED YEARS

OF THE
UNIVERSITY OF NEBRASKA
COLLEGE OF MEDICINE

CENTENNIAL HISTORY COMMITTEE OF THE COLLEGE OF MEDICINE

UNIVERSITY OF NEBRASKA MEDICAL CENTER Omaha, Nebraska 1980

# THE FIRST HUNDRED YEARS of the University of Nebraska College of Medicine

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## THE FIRST HUNDRED YEARS OF THE UNIVERSITY OF NEBRASKA COLLEGE OF MEDICINE

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"Centennial Symbol" by Nebraska sculptor Danny Whetstone, dedicated October 5, 1980. The figures represent the past, present and future generations of the college. The flame symbolizes the college's continuing commitment to health care.

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Omaha Medical College football team, 1900. (L to r, back row) Dickinson, Jungbluth, Carlile, Lee (Mgr.), Lemar, Chambers, Haller; (middle row) Stuart, Griffith, Kerr, Moore (Capt.), McDowell; (front row) Smith, Tornholm, Platt, Allen.

### INTRODUCTION

The history of an institution like the University of Nebraska College of Medicine can be viewed from a number of perspectives. In the history of medicine, the University of Nebraska College of Medicine mirrors, with its own singular shape, the growth of medical science and the medical profession during a century of great change and discovery. In the perspective of the history of education in Nebraska, the college stands as one more expression of society's efforts to train individuals for one of its most vital and necessary professions, and to offer opportunities for education and training to its citizens. In the development of Omaha, of Douglas County, and of Nebraska, the college has evolved as an institution fostered by the society growing up on the American frontier, to meet increasing demands for medical expertise and training. What the University of Nebraska College of Medicine has become is the result of these and other powerful forces creating, by interaction and synthesis, a modern institution capable of meeting today's need for quality medical care.

Our purpose here is to trace the College of Medicine's first century of growth and change, to describe the alchemy that has transformed the original Omaha Medical College, a two-story building at 11th and Mason Streets, into the College of Medicine of today, an integral part of the multi-disciplinary University of Nebraska Medical Center in mid-town Omaha. We wish to celebrate those one hundred years of achievement and credit some of the many individuals who have contributed. Beyond these intentions, we have one more. By examining the last hundred years of the medical college, we may learn better how to guide its next hundred years of progress.

Frank J. Menolascino, M.D. Chairman, Centennial History Committee

### **ILLUSTRATION CREDITS**

All illustrations reprinted in this book are from the various archival collections of the University of Nebraska Medical Center except the following:

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- Page 7 Nebraska State Historical Society.
- Page 15 Bostwick-Frohardt Collection, Western Heritage Museum.
- Page 16 Saint Joseph Hospital, Public Relations Department.
- Page 18 Archives of the University of Nebraska at Lincoln.
- Page 25 Nebraska State Historical Society.
- Page 60 Douglas County Hospital.
- Page 116 John Boyd.
- Page 117 Omaha Chamber of Commerce

### **ACKNOWLEDGEMENTS**

In addition to members of the History Committee, a number of individuals contributed substantially to the compilation of the original manuscript. Dean Alastair Connell, M.D.; Harry McFadden, M.D.; Merle Musselman, M.D.; Frederick Paustian, M.D.; Paul Hodgson, M.D.; John Aronson; and Pete Boughn shared their memories and knowledge of the College of Medicine's recent history. Several of the above individuals also read drafts of chapters and offered suggestions and critical comment. Barbara Backhaus and Mary Collins painstakingly retyped the many revisions of the manuscript.

### **ACKNOWLEDGEMENTS**

Pictorial histories could never happen if many people, departments, and organizations were not willing to become involved and to share their knowledge, their photographs, their clippings, and other memorabilia. It is not possible to mention all who helped in some way to make this book a reality, but I would like to note the contributions of the following who gave freely of their time in research and the use of materials from their collections:

Jean Hays, Public Affairs Office, University of Nebraska Medical Center.

Staff, Leon S. McGoogan Library of Medicine, University of Nebraska Medical Center.

Pauline Allen, Nebraska Psychiatric Institute Library.

Joseph Svoboda, University of Nebraska, Love Library.

Mrs. R. C. Guinan, Douglas County Historical Society.

John Carter, Nebraska State Historical Society.

J. E. Witherbee, Union Pacific Museum Collection.

Berneal Anderson, Joslyn Art Museum.

Public Relations Office, Saint Joseph Hospital.

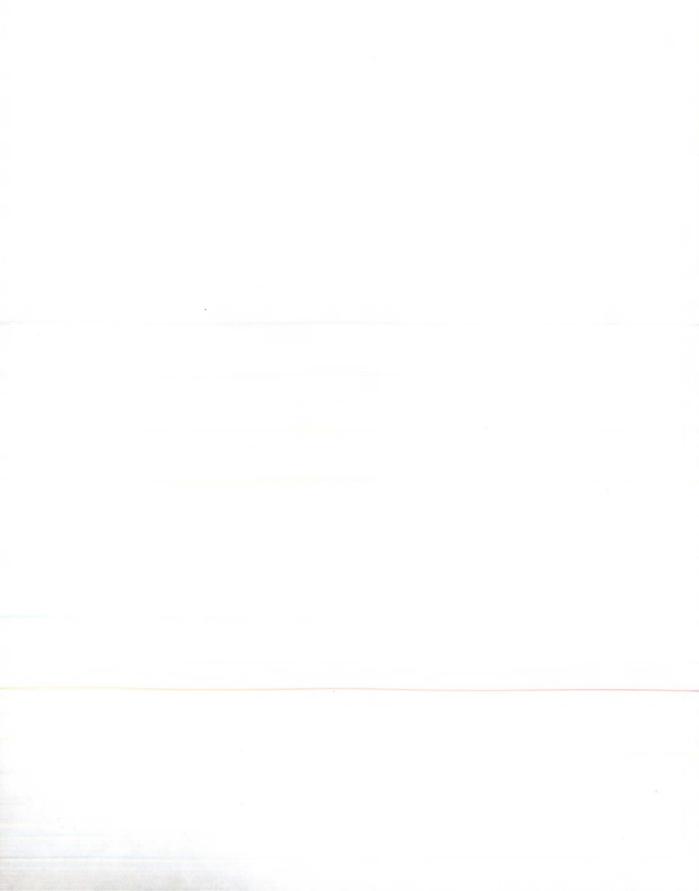
Douglas County Hospital.

Omaha Chamber of Commerce.

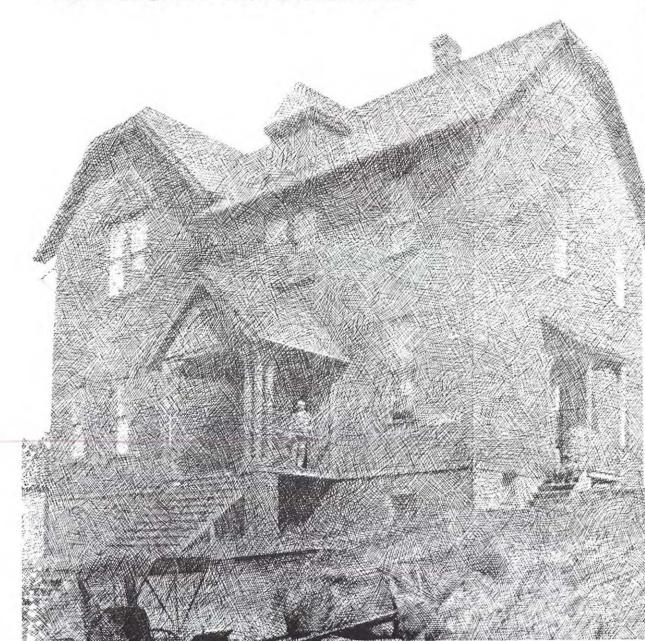
Most of those who have made major contributions in the transformation of the first manuscript into this illustrated story of the College of Medicine are listed on page iii, but I wish to express my appreciation for their involvement here. In addition I would like to acknowledge the efforts of Karen Hiller and Violet Phipps, who provided essential secretarial support; Walt Williams and Thomson Holtz, photographers; Mary Collins, who compiled the alumni list from many sources to prepare the first complete listing of more than 6,000 College of Medicine Alumni from 1881 to 1981; and Lloyd Tackett and his staff of the Print Shop, who have provided expert advice and a quality printed product on all of the Centennial books.

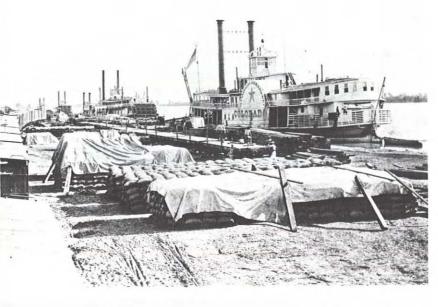
Last, but not least, one person must be singled out for a special acknowledgement, not only for her contribution to this book but to the total Centennial Committee media production and publication effort. Rose Reynolds has spent more than a year locating resources, gathering and identifying thousands of photographs, verifying historical facts, and organizing materials. The story she has helped us tell in this book is very much her story too, for Miss Reynolds has given 51 years of service to the University of Nebraska College of Medicine since she joined the Anatomy Department in September of 1929. As a medical illustrator she has made many valuable contributions to the teaching, research, and service commitments of this institution through the years; however, I believe that her contribution to this book will be longest remembered and most appreciated by the present College of Medicine family and those who come after us.

Reba Ann Benschoter, Ph.D.



### FRONTIER JUEDICINE and MEDICAL EDUCATION





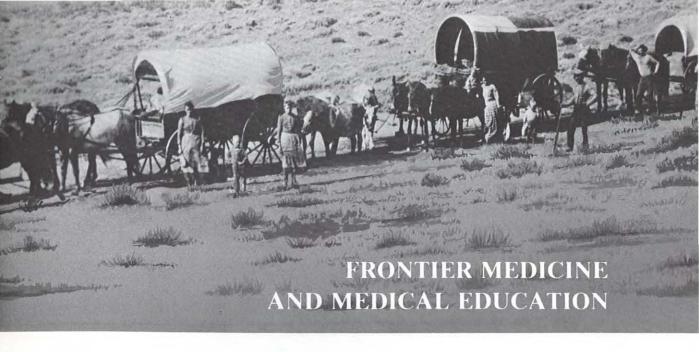
Steamboat landing at Omaha, 1865.



Early downtown Omaha, about 1874.



Looking northwest from 15th and Farnam Streets, 1876.



### Omaha, a Growing City

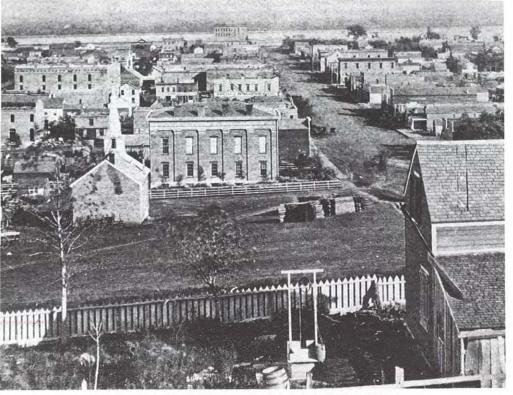
The most surprising feature of early Omaha was its astonishing growth during its first forty years. Founded in 1854, the city rapidly became a center for settlement and trade, and served as the gateway to the frontier for the thousands who migrated west in search of land and opportunity. In 1860, the population of Omaha totalled 1,883 settlers, but with each decade that number expanded dramatically, until in 1890, the city numbered over 140,000 inhabitants. Certainly this tremendous growth must have taxed the city's capacity to cope with those seen and unforeseen problems that arise out of human society.

More than any other development, the Union Pacific Railroad facilitated Omaha's growth as a travel and trade center. During the last quarter of the 1800's approximately 75,000 travelers and about 100,000 head of cattle were passing through the city annually. The city's growth not only attracted a great deal of commerce but also produced byproducts that were sometimes unpleasant, disorderly, unhealthy, and unmanageable by the city government.

After visiting Omaha, one traveller, Dr. Thomas Sexton, told a fellow physician that he

had seen mud in Virginia, but for mud that was mud, Omaha beat anything. Wagons sank to the hub in it and the gullies, ditches, swamps and creeks within the town didn't help the looks of things.<sup>2</sup>

The city seems to have been quite lax on matters of public health, spending less than \$1,000 per year well into the 1880's despite the presence of a municipal board of health.<sup>3</sup>



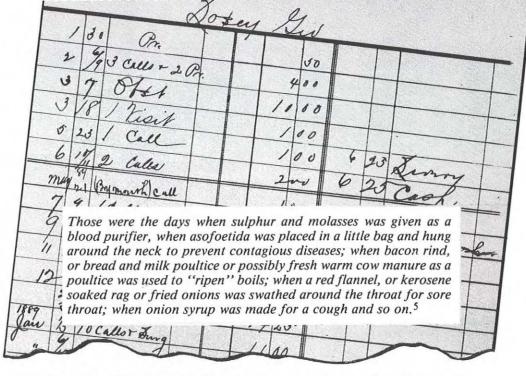
Downtown Omaha, looking east from Capitol Hill, about 1867.

Many features of frontier life — close living quarters, shallow wells sunk too close to privies, and community concern that brought frequent visitors to care for the sick — facilitated the spread of disease. Even though there were the problems of spoiled milk, of garbage, of water and sewerage, problems that plagued every American city of the time, Omaha remained quite healthy. True, there were epidemics: cholera in 1868, scarlet fever and measles in 1872, diphtheria in 1875, smallpox and typhoid outbreaks in the 1880's. But unlike some other frontier cities, Omaha had no raging epidemics in which hundreds of lives were lost. Whether it was luck, the lack of urban congestion, or the health-making effects of the plains breezes (as some visitors thought), Omaha largely escaped the era's worst threats to individual life and health.

### Frontier Medicine

And what of the treatment of disease and the quality of medical care during this era? Physicians were numerous among the early settlers, but the knowledge and skills of even the well-trained practitioner were limited; in the middle and late 19th century, medicine was just evolving from an art into a science. Practice was largely empirical; cures were often worse than the diseases; surgery was limited and dangerous. The germ theory of disease was in its infancy and not widely disseminated, and antiseptic surgery was not generally practiced until the 1890's.

F. A. Long, in his excellent memoir, A Prairie Doctor of the Eighties, tells us much about the shallow base of knowledge that provided the foundation for the practice of medicine at the end of the 1800's.



Though he practiced medicine in Madison, Nebraska, Long had received his medical education in Iowa in the mode that was common through much of the nineteenth century. He studied three years as an apprentice essentially under a preceptor, first "reading with the doctor," then "riding with the doctor" to gain experience; he finally completed his education with two courses of medical lectures. Long did no practical laboratory work except for urinalysis. He recalled his experience in dissection when he was assigned to one cadaver with six other students.<sup>6</sup>

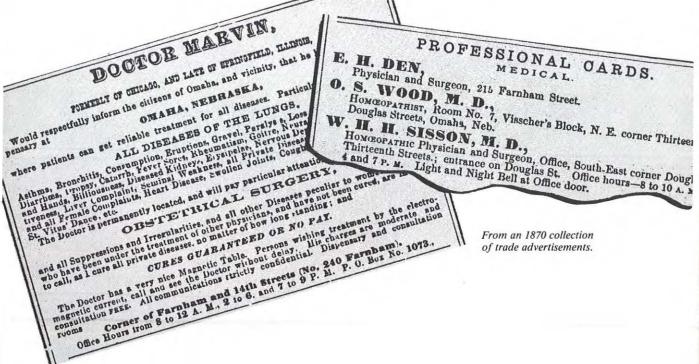
In such a system of medical education, much depended upon the quality of one's preceptor. It is not surprising that the system was much abused, with some preceptors using students only for cheap labor. As a result the quality of physicians available, especially in a frontier area, varied tremendously. There were conscientious, knowledgeable physicians, generally educated in established eastern medical schools, and there were crude and dangerous country practitioners, ignorant even about the breadth of their ignorance.



(Above) Entries from Dr. Long's Ledger.

Dr. Spahr in his office in Lincoln.

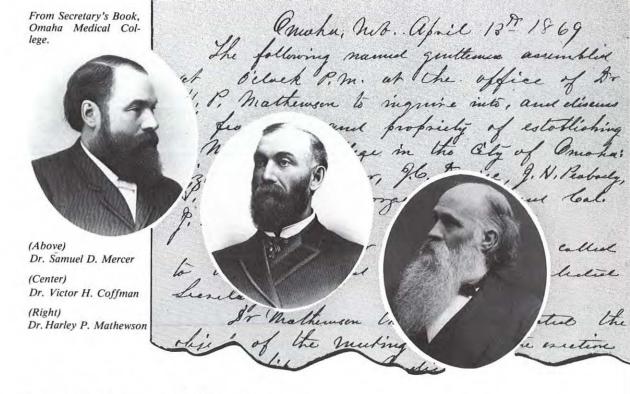
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No doubt the need to control the quality of physicians was one of the forces that led physicians to band together after the founding of Omaha. Concern for quality took the form of competition for legitimacy between rival groups of physicians, the "regular" and "irregular" practitioners, and the "pretenders." There were efforts to organize medical societies at the state, county, and city levels in order to reach consensus on such issues as the certification of quality of drugs available for sale in Nebraska, the establishment of a uniform scale of fees for physicians' services, and the promotion of the general progress of the medical profession. In August 1866, the Omaha Medical Society was incorporated with 13 physicians as members. In 1868, the Nebraska Medical Society was organized in the offices of Dr. James Peabody of 325 South Twelfth Street, Omaha.8



Remedies used by early physicians.



### First Attempts at Medical Education

Even with efforts to organize and improve the practice of medicine, we may wonder at the state of medical education in Nebraska in the 1860's. There are no records available to tell us whether or not Nebraska physicians were serving as preceptors to student apprentices, or to what degree there was demand for the establishment of a medical college within the territory.

We do know that a group of physicians met on April 13, 1869, to inquire into the feasibility of establishing a medical college in the City of Omaha. All were fairly recent graduates of established medical colleges in other states. The group assembled included Drs. Harley P. Mathewson, George Tilden, Samuel D. Mercer, Jacob C. Denise, James Peabody, and Colonel James Woodruff Savage, an attorney. To judge by their later achievements, this core group was composed of extremely capable men. Dr. Mathewson was evidently the leader of this venture, for he presided over the meeting. He felt that a hospital and an associated medical college would enjoy much public patronage in the near future. Colonel Savage suggested that the group be enlarged and that it seek incorporation as the Omaha Medical College. At a subsequent meeting the group grew to include Dr. Victor Coffman, a distinguished war surgeon; City Coroner C. H. Pinney; and Dr. R. C. Moore. Still later Dr. James Peck was added to the group. Each member pledged \$500 to finance their plan. On May 3, 1869, the Omaha Medical College was granted corporation status.

During the next six months, the Board of Trustees — Peck, Mercer, Denise, Mathewson, and Peabody — cleared all the hurdles necessary to establish a medical college. The board adopted by-laws for the governance of the college. They established eleven professorships and voted to decide who would occupy each of the chairs. They agreed that courses of lectures would occupy sixteen weeks beginning in November of each year.

Omala March 21, 1870. Trusties of the Omoha Medical College met at Br. Mathewson's office on the call of the Presi-dent at & P.M. Present Dre Mathewson, Mercer, and Denise authorized to appoint a Comm a similiar Committee to be aby for the purpose of deafting a Proto to report if practicable in two weeks appointed Der Denise and G. On motion of De Mercer the to call a meeting of the Faculty. From Secretary's Book, Omaha consulting over the interest of the Medical College.

Dr. Jacob C. Denise

The board was less successful in finding a site for the college and a hospital. They hoped the land would be donated by the city in exchange for free medical and surgical attention that the trustees would provide in the hospital; the City Council refused. This must have been an unexpected blow to the members of the group. According to the secretary's record, the Board of Trustees did little until March 21, 1870. At that meeting the board appointed several committees to draft a prospectus for the college and to establish a public dispensary; in addition they directed the secretary to notify the stockholders that 10% of their stock was liable to be called for. The secretary's record contains one undated entry after his account of this meeting:

> The above was the last meeting held for the record. Owing to a wrangle among the faculty and too much bad blood the whole scheme fell through. 10

Nevertheless, the Omaha Medical College lingered on until the corporation was dissolved on June 13, 1881. It had lived for one whole curious decade, "with stockholders, by-laws, articles of incorporation, faculty, and course of study, but without students, buildings, hospital, or dispensary."11

According to W. F. Milroy, there was "a growing feeling among those thus occupied that the enterprise was premature."12 Since it is not clear from the historical record what exactly constituted this "prematurity," we are left to speculate.

There is no doubt that the lack of anatomical material and good clinical facilities could have been deterring factors. The only hospital in Omaha during 1869 was the Good Samaritan at 23rd and Webster Streets; it was a six-room cottage, hardly large enough to support medical education. Dr. Samuel Mercer's own hospital, said to be Omaha's first, had been built in the vicinity of 30th and California Streets in 1866, but it had burned down. There was the city pest house located in the northeast part of the city, used since 1860 as a quarantine center for indigent patients with infectious diseases. It was a ramshackle structure, so filthy and disreputable that it was obviously unfit for teaching purposes. <sup>13</sup> Thus it appears that Dr. Mathewson's early confidence was premature: In a city without hospitals, a medical college would probably be doomed to failure.

The reason for the "bad blood" and "wrangling" among the founders of the Omaha Medical College was not documented. However, it is interesting to note the formation of several competing local medical groups during the 1870's and 1880's. Although the Nebraska State Medical Society, on its third effort to organize in 1868, did succeed in creating an enduring organization, the Omaha medical groups were more transient. The Omaha Medical Society, which included several of the Omaha Medical College founders, was organized in 1866, but "became practically moribund and finally expired about 1881." The cause was "dissension and the withdrawal" of its more active members. For most of the next decade a variety of professional organizations were established, competed for members and power, and then disbanded. Not until 1890 did this competition abate with the founding of a new Omaha Medical Society dedicated, among other aims, to promoting harmony among reputable practitioners. 14

### Another Plan for Medical Education

Throughout the 1870's, there had been concern, both public and legislative, for the need to protect the public from "quacks" and "horse doctors," but there was disagreement about the proper methods of training and licensing physicians. In 1875 the Nebraska Legislature debated at length on the question of regulating the practice of medicine, but came to no agreement.

In December 1875, the University of Nebraska in Lincoln was petitioned by the citizenry to establish a medical college. In March 1876, a University committee reported to the University of Nebraska Board of Regents that it was advisable to establish a medical college at Lincoln in connection with the University. Despite apparent eagerness on the part of the Board of Regents, the facts were that there were no rooms for medical classes at the University, no funds to support the program, and no hospitals in the City of Lincoln to provide clinical experience; for these and other reasons unrecorded, the plan for a University-affiliated medical school was not implemented at that time. <sup>15</sup>





### Nebraska School of Medicine, Preparatory

Perhaps spurred on by the Lincoln activity, Omaha physicians continued their efforts to establish a program of medical instruction. The Nebraska School of Medicine, Preparatory opened its doors to medical students on October 18, 1880, with a faculty that included three of the original founders of the first Omaha Medical College: Drs. J. C. Denise, Samuel Mercer, and Richard Moore.

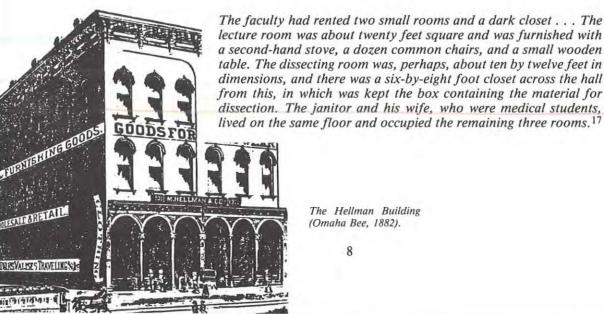
Dr. Mercer was named Lecturer on Surgical Anatomy and Clinical Surgery, Dr. Denise was in charge of the instruction in physiology and was clinical Lecturer on Diseases of the Eye and Ear, and Dr. Moore was Lecturer on Materia Medica and Therapeutics.

Dr. Robert R. Livingston, elected to serve as president of the faculty, was Lecturer on the Principles and Practice of Surgery. Dr. Livingston had studied medicine at McGill University and completed his training at the College of Physicians and Surgeons in New York. He had come to Plattsmouth in 1859 to practice medicine and surgery. He entered the Army at the beginning of the Civil War and later commanded troops sent to subdue the Indian tribes harrassing the early settlers moving west across Nebraska. In 1868, he returned to his practice and became the chief surgeon for the Burlington Railroad.

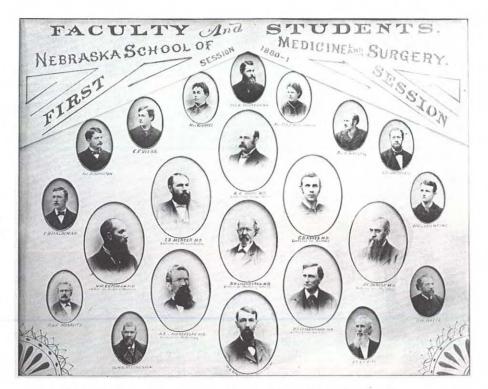
Dr. Alexander S. von Mansfelde, who had graduated from Rush Medical College, was Lecturer on Pathology and the Practice of Medicine. Both von Mansfelde and Livingston were active in the state medical society and were involved in the fight for adequate legislation to protect the public from "pretenders and irregulars in medical practice."

W. S. Gibbs, recently graduated from the University of Iowa, became Demonstrator of Anatomy. After some searching, Dr. James Carter was found to fill the chair in chemistry, becoming the only salaried member of the faculty at the rate of \$50 per month for six months, a heated and lighted room, and permission to work in outside practice insofar as his teaching duties would allow.16

The new school initiated its twenty-week curriculum in rooms on the third floor of the Old Hellman block at 13th and Farnam Streets. T. D. Haldeman, a member of the first class, described the facilities:



The Hellman Building (Omaha Bee, 1882).



Nebraska School of Medicine, Preparatory, first session, faculty and students.

Fourteen students were enrolled in that first class, each paying a tuition of \$30. It should be noted that one of these, W. H. C. Stephenson, was to become the first black physician in Omaha.

The honor of presenting the introductory lecture that marked the beginning of medical education in Nebraska belongs to Dr. R. R. Livingston. In his remarks, recorded by the *Omaha Daily Bee*, he touched upon some of the problems of medical education at that time and described the faculty's goals for the new college:

The cry is quite universal through the country that we have too many medical schools, so called, and that imperfect teaching produces imperfect results and consequently imperfect followers of the healing art . . . the faculty of this school does not propose to foist young men upon the public as accomplished physicians and surgeons — it merely proposes to impart instruction here that will place its pupils high in the scale of professional knowledge when examined by the faculties of any graded medical school in the union. <sup>18</sup>

Dr. Robert R. Livingston.

he success of the Nebraska School of Media. Those engaged in to take a step in advance (Below) Omaha Medical College Building, 1881 (Omaha Bee, 1882). From Secretary's Book,

Omaha Medical College

### The Omaha Medical College Begins

The success of the Nebraska School's first year of operation revived the long dormant hope for an Omaha Medical College. The stockholders of the original 1869 corporation were persuaded to relinquish the name by dissolving their corporation, and on June 14, 1881, a new Omaha Medical College was incorporated. The leaders of the college now set out to enlarge their scale of operations. Three men were added to the faculty: G. H. Peebles, who would teach Diseases of Children; Harley Mathewson, who would hold the chair in Disease of the Mind; and J. C. Cowin, an attorney, who would teach Medical Jurisprudence, Dr. Livingston and Dr. Ayres, the secretary, led the effort to obtain a suitable building; arrangements were made to purchase two lots at the southwest corner of Eleventh and Mason Streets for \$3,100. There the Omaha Medical College building was erected at the cost of \$4,266 with funds invested by each faculty member. The building was completed in September 1881, in time for the school year. It was an ideal location, adjacent to the old St. Joseph's Hospital. Arrangements were made to make use of the wards for clinical teaching. 19

It is important to remember that the whole raison d'etre for the smaller local medical colleges of that time was to elaborate for one year on what the student presumably had learned in his previous study and experience with his preceptor-physician. It was the beginning of an approach to medical education which added science and system to what had been, until then, a practical apprenticeship.

Candidates for admission to the Omaha Medical College had to meet the following requirements in order to qualify for the degree of Doctor of Medicine:

- The candidate must be 21 years of age, and must give satisfactory evidence of possessing a good moral character, with such primary education as is clearly requisite for a proper standing with the public and the profession.
- He must have pursued the study of medicine three years (lecture terms included) and have attended at least two full courses of lectures, of which the last must be in this institution.
- He must have attended clinical instruction during the last one session.
- He must have pursued the study of Practical Anatomy in the Anatomical room, and to the extent of having dissected all regions of the body.
- 5. He must have been in close attendance at all lectures delivered during the session. The degree will not be conferred upon any candidate who is often absent from the regular lectures of the college or who is absent from the public commencement, without special permission of the Faculty.
- He must notify the Secretary of the Faculty of his intention to become a candidate, and deposit the graduating fee, certificates of moral character and time of study on or before the first day of February.
- 7. Every candidate must undergo a full and satisfactory written and oral examination of each branch taught.
- He must submit to the Secretary of the Faculty on or before the last day of February an acceptable thesis in his own handwriting on some subject connected with medicine.<sup>20</sup>

Prior to the fall term, the board agreed to advertise the college's program for one month in four Omaha newspapers and in one Lincoln paper. Hetzner tells us that the *Herald* carried a three-line notice in its "Town Talk" column along with the current livestock sales and jobs for hire. <sup>21</sup> Even with such obscure publicity, thirty-five individuals registered for classes in the fall of 1881.

ANNUAL ANNOUNCEMENT

OF THE

### Omaha Medical College.

LOCATED AT OMAHA, NEBRASKA,

SESSION OF 1881-82

OMAHA, NEB.:
OMAHA DAILY BEEK STEAM PRINTING HOUSE,
1881

FACULTY. 5 1881-82

ROBT. R. LIVINGSTON, M. D., President. GEORGE B. AYRES, M. D., Secretary.

ROBT. R. LIVINGSTON, M. D.,
Professor of Principles and Practice of Surgery,
Plattemouth

VICTOR H. COFFMAN, M. D., Professor of Principles and Practice of Medicine, 1708 California Street.

GEORGE B. AYRES, M. D.,
Professor of Anatomy, Descriptive and Surgical,
1018 Harney street.

SAMUEL D. MERCER, M. D.,
Professor of Operative and Clinical Surgery,

P. S. LEISENRING, M. D., Professor of Obstetrics and Diseases of Women, 7:6 South 18th street.

JACOB C. DENISE, M. D.,
Professor of Physiology, and Clinical Lecturer on the Eye and Ear.
Southwest corner of Dolge and 14th streets.

RICHARD C. MOORE, M. D.,
I'refessor of Materia Medica and Therapeutics,

A, S. v. MANSFELDE, M. D.,

Professor of General Pathology,

Ashland

DIGHAS A. STY, E. M., M. D.,

Professor of Chemistry, Delicar Mich

G. H. PEEBLES, M. D.,

Professor of Diseases of Children, and Adjunct of Diseases of Women,

David City.

JOHN C. COWIN,

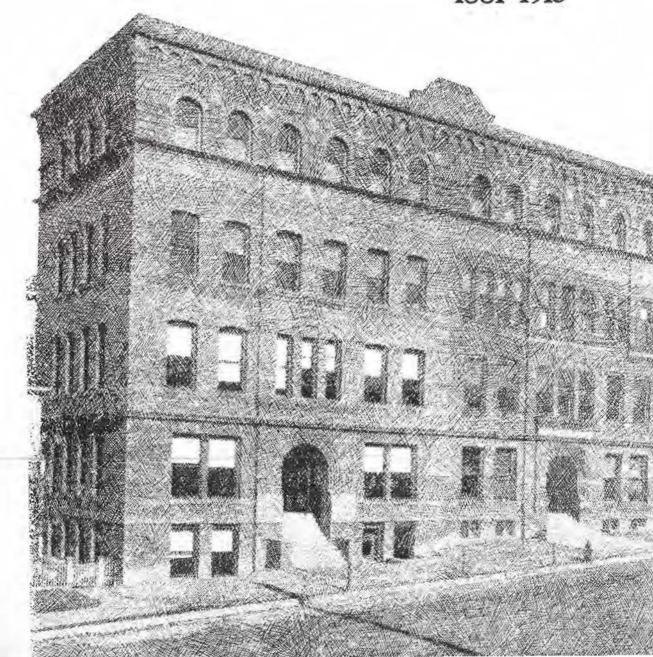
Professor of Medical Jurisprudence,
523 North 25th street.

H. P. MATHEWSON, M. D.,
Professor of Diseases of the Hind,
State Hospital for Insunc, Lincoln.

W. S. GIBBS, M. D., Demonstrator of Anatomy,

Creyhten Block.

# TROM PROPRIETARY MEDICAL SCHOOL TO UNIVERSITY 1881-1915



### OMAHA MEDICAL COLLEGE.

### Commencement Exercises,

Wednesday, March 22, 1882.

CONFERRING OF DEGREES,

Precident of Board of Trustees.

VALEDICTORY:

F. D. HALDEMAN. Class of 81 & 82.

CONFERRING OF PRIZES

1st. Gold Medal.

Prof. Geo. B. AYRES

2d. Abbott Prize,

L. J. ABBOTT, M. D.

ADDRESS:

Prof. R. R. LIVINGSTON.

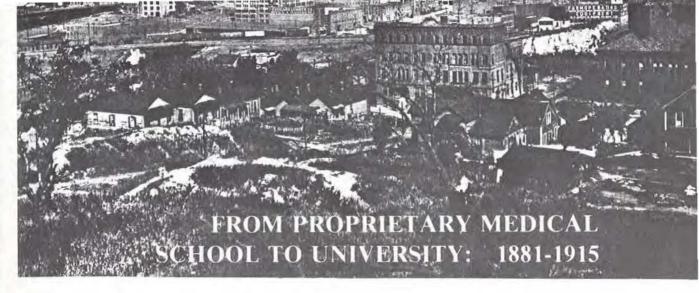
At the College Building at half-past Seven o'clock P. M.



You are cordially invited to attend the Commencement Exercises of the Omaha Medical College, and likewise the Banquet given by the Trustees and Faculty, at the Withnell House, Wednesday Evening, March 22, 1882,

J. C. DENISE,

Sacratary,



### **A Promising Beginning**

In its initial year of operation the Omaha Medical College showed promise. Problems were solved as they arose and gradually protocols and procedures were determined for this new enterprise in medical education.

Most of the early problems of the young college were growing pains, not disabling injuries. A temporary arrangement was made to house patients for clinical instruction until a planned addition to St. Joseph's Hospital could be completed. There was "discussion," no doubt heated at times, about Dr. Carter's status as the sole salaried faculty member. The female students requested separate lectures in Obstetrics; Dr. Ayres resolved this problem very simply by fiat: "Resolved that no distinction be made by the professors in their teaching on account of sex and that the secretary be requested to so inform the lady students." 22

The college building was evidently adequate for the thirty-five students; it contained two lecture rooms, a laboratory and library, and individual rooms for patients, dissecting, anatomy classes, and a museum. At the end of its first year, the faculty presented diplomas to its first graduating class of eight seniors.

(Above) The 1899 Omaha Medical College building and its South Omaha surroundings. (Bostwick-Frohardt Collection, owned by KMTV, on loan to Western Heritage Museum, Omaha.)

(Right) 1882 graduates: Drs. Urban H. Norris, Werner Hemstead, F. D. Haldeman, George V. Ellis.



### Continuing Growth and Expansion

By all accounts available, the 1880's were a time of consolidation for the Omaha Medical College. The mortgage on the college building was paid off, reflecting sound financial management. Graduating classes consistently numbered fewer than ten new Doctors of Medicine, indicating that there was indeed a small but stable demand for medical education in this expanding state of 500,000 people. The affiliation with St. Joseph's Hospital was most satisfactory. The program for the third annual announcement of the college describes this relationship in glowing terms:



St. Joseph's Hospital, under the management of the sisters of St. Francis, has been kindly tendered the faculty for clinical instruction. The new wards completed last year, are admirably arranged for practical teaching. The visiting staff of Physicians and Surgeons are all members of the faculty, and the hospital is under their immediate medical control. Students are thus privileged to reap a large experience from clinical instruction, in all classes of medical and surgical cases. Patients presenting themselves at the clinics, are furnished with Medical, Surgical and Gynaecological treatment free of charges.<sup>23</sup>

Throughout the 1880's, the faculty underwent slow change: Drs. Livingston, Von Mansfelde, and Coffman resigned, the last because of failing health. The most important departure was that of Dr. Samuel Mercer, who resigned in a huff in January 1884; Mercer and the majority of the Board of Trustees had disagreed heatedly regarding candidates for graduation and Mercer had even recommended that the college be closed. When the board formally decided that Mercer had no cause for complaint, he withdrew from all activities of the college. In 1886 he even retired from medicine, giving full time to his extensive business interests in real estate, pharmaceuticals, transportation, and public utilities.







Dr. William F. Milroy

There were new faces, too, and some were young men just beginning long, productive careers as physicians and teachers. W. F. Milroy came as Demonstrator in Anatomy in 1884; he would be part of medical education in Omaha until his retirement in 1934. W. O. Bridges, Harold Gifford, and J. E. Summers arrived late in the decade; they would long be seen as central figures in the college's claim to excellence in medical education.

In 1886, the Omaha Medical College moved, building and all, to the southeast corner of Twelfth and Pacific Streets. Keegan called this "a turning point in the life of the college." A basement was added to the building, the chemistry laboratory was enlarged and improved, and the Board of Trustees, in its bulletin announcing the new school year, invited comparison of the college to any in the country.



Omaha Medical College building after move to 12th and Pacific. Dr. Milroy on porch.



University of Nebraska College of Medicine, Lincoln. Class of 1885 in front of University Hall

### Brief Existence of the University Medical School, Lincoln

The experience of the Omaha Medical College during the decade of the 1880's contrasts sharply with that of the short-lived College of Medicine established in Lincoln by the University Regents in February 1883. With few resources other than a Board of Regents grant of \$700 for equipment, the University Medical School began its four-year life under the leadership of Dr. A. R. Mitchell. Mitchell later wrote, "We were not incited by altruistic motives . . . the truth is we had little opportunity for medical practice. Omaha had a school and got all the business. At the same time Lincoln had no hospital and we were not properly equipped to instruct medical students." The faculty was an ungainly alliance of the three competing sects of medicine — the allopathic, the eclectic, and the homeopathic, but at the start, at least, they were convinced that "we were the real thing, with a message which was for the uplifting of all the people and perhaps incidentally would benefit us a little on the side." 25

Leaders in both Omaha and Lincoln sensed the future growth potential and prestige associated with a medical school, and therefore the medical school in Lincoln added kindling to the smoldering inter-city rivalry. The Omaha Herald criticized the Lincoln medical school as superfluous: "The University is limping along upon an uncertain existence in the hands of fifth-rate men, and to add to it a medical school without the facilities for their training is a wrong upon the University as it will surely prove an injustice to any young man who may be induced to enter it." The most basic criticism of the Lincoln school was the absence of a hospital in Lincoln; by this time, Omaha had several.

Because of its offer of free tuition, the medical school in Lincoln succeeded in enrolling as many as fifty-five students, some no doubt lured away from the private Omaha Medical College. But the Lincoln school proved to be a disaster. In-fighting among the



Dr. Albert R. Mitchell, Dean, University of Nebraska College of Medicine, Lincoln.

medical sects precluded orderly administration; graduations, for example, were held separately for students in the sects represented at the school. Worse, several of the Lincoln faculty, physicians so enthusiastic about the prestige of professorship, reneged on their responsibility to provide instruction; in some cases, teachers simply failed to appear at class.

Like all medical schools of the time, the Lincoln school had problems securing anatomical material. Consequently, there were rumors of body snatching and grave robbing. Manley reports that a prankster placed a large sign on the roof of University Hall advertising in large letters, "CASH FOR STIFFS," and this served to inflame the populace even more. Despite a law passed in 1883 which permitted dissection for "scientific educational, and legal purposes," the procurement of anatomical material for medical study remained an unsolved practical "problem" for the school. In 1885, the Legislature rejected the Lincoln school's bid for funds, and though some Lincoln doctors persevered for two years more without salary, the Regents voted to close the college in May 1887. 27

Dr. Mitchell's short-lived medical school did have its impact on the Omaha Medical College. The university medical school had tried to promote higher standards of medical education by insisting on a "thorough" preparation as a basis for medical education, and a longer curriculum of professional training. Although the Omaha Medical College was a proprietary medical school — and some proprietary schools had a reputation for augmenting their income by accepting even inferior students — Milroy defends its high standards of that time. "Many instances could be cited of applicants possessing the requisite funds, being rejected because of deficient personal, literary, or professional qualifications." 28

The failure of the Lincoln school also underscored the necessity of affiliation with hospitals. By 1888, the Omaha Medical College was affiliated with St. Joseph's Hospital, Douglas County Hospital, and St. Bernard's Hospital in Council Bluffs; through faculty members, students also had the opportunity to study accident cases from the Union Pacific Railroad and the indigent sick being cared for by the City. In 1890, Immanuel Hospital and Bishop Clarkson Hospital were added, testifying to the growing importance of hospitals, medicine, and medical education in the life of late 19th century America.



Unidentified students, new brick and stone building built in 1893.

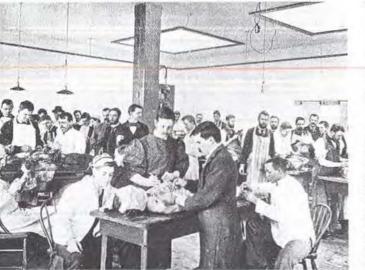
### Expansion into the 1900's

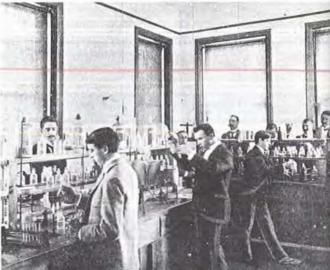
The growth of the Omaha Medical College in the years 1890-1902 was remarkable. The central symbol of this expansion was the erection in 1893 of a three-story brick and stone building at Twelfth and Pacific Streets at the cost of \$20,000. The new building must have seemed like the fulfillment of a dream to the faculty, for it provided space for all the various activities necessary to advanced medical education. On the first floor were a students' lobby, recreation room, pharmacy, and six clinic rooms. The second floor provided rooms for professors and patients, a reading room, museum, chemistry lab, and a large lecture hall that could seat 275 people. The third floor contained rooms for dissection and chemistry, a microscope room, and a smaller lecture hall with a seating capacity of 125. The building was steam heated, lighted, and, according to the annual catalogs, even provided the luxury of "modern plumbing." 29

The administration and the faculty were also attentive to the academic growth of the college. A graded curriculum of three years' duration was adopted in 1890, and, just six years later, a four-year curriculum was inaugurated in response to the demands for increasingly high standards of medical education and more stringent licensing regulations for physicians passed by the Nebraska Legislature.

Dissecting Room, 1894.

Chemical Laboratory, 1894.







Surgery (Dean, 1898-1902).

Dr. Donald Macrae. Sr., Dean, 1889-1893.

Into the 1890's, the faculty changes at the Omaha Medical College reflected both the increasing importance of the basic medical sciences and the development of medical specialty areas. In the sciences, Drs. Harold Gifford in bacteriology, C. C. Allison in physiology, H. B. Cowry in neurology, A. A. Peterson in biology and embryology, and A. C. Stokes in chemistry provided breadth and depth in the basic sciences. Specialists, too, joined the faculty: O. S. Hoffman in dermatology, George Wilkinson in laryngology and otology, H. M. McClanahan in pediatrics, and Edward M. Chase in obstetrics.

Although the lecture and demonstration was the dominant mode of teaching at the Omaha Medical College, some of the college's most noted teachers and practitioners used the College Dispensary at 12th and Pacific for daily clinical teaching. It is clear the faculty were keenly aware of the importance of clinical teaching in the curriculum during the 1890's, when many medical schools were offering an exclusively didactic course of instruction.

During a typical week, Dr. August Jonas held surgical ambulatory clinic on Monday afternoons; Dr. Allison, on Tuesday afternoons. Dr. Harold Gifford, whose achievements in ophthalmology and otology were internationally known, held the Wednesday clinic. On Thursdays and Fridays, nose and throat patients were treated and discussed by Dr. Owen, and skin diseases and syphilis cases were handled by Dr. Hoffman, Dr. Ewing Brown, a faculty member since 1883, held a clinic in gynecology which was always well attended. Obstetrical cases and home deliveries were supervised by Dr. Spencer; under his care eighty-six cases were seen by students during the year of 1899. On Saturday afternoon, Dr. Gibbs' excellent clinic in medicine closed the week. 30 Although students had other opportunities, evidently the center for clinical education was the college clinic, where, in the course of a year, some 6,000 patients were served.

### A University Affiliation

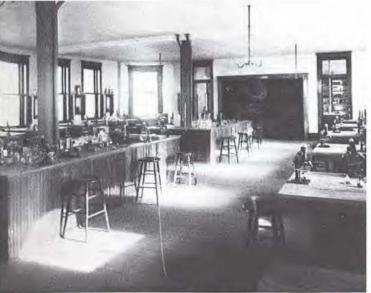
As the century drew to a close the continuing development of the scientific basis for medicine and the trend toward specialization in medical practice brought demands for new directions in medical education; a higher level of general education as background and an understanding of the basic medical sciences as a basis for medical diagnosis and treatment was becoming essential. The scientist's method of hypothesis and proof was fast becoming the method of the diagnostician, as well.

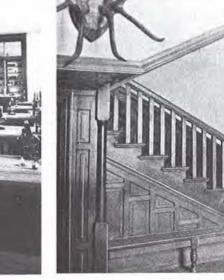
Thus, as we have seen in the development of the Omaha Medical College during the 1890's, the modern medical school curriculum was beginning to take shape. The time for education and training was lengthened to four years. An increasingly diverse faculty of medical scientists and specialists were brought together. A well-equipped and commodious building was provided for the exercise and development of specialized skills and knowledge.

Proprietary medical schools like Omaha Medical College could not hope to continue to meet the academic and financial demands imposed by new standards for medical licensure and the trends that incorporated science into medical education. Many of the proprietary schools of medicine, which relied on student fees, simply lacked the funds, the physical space, labs, and equipment to provide appropriate scientific training and experience for medical students. Therefore there was strong pressure to move medical teaching to a university setting where the physical facilities, the science faculty and the fiscal support were more equal to the orderly growth of medical education.

In 1885, the Omaha Medical College affiliated with the Methodist Episcopal College of Nebraska, located at York, an ineffective arrangement that lasted only two years. In 1890, the Board of Trustees agreed to make the college the Medical Department of the University of Omaha, which had been established in Bellevue, Nebraska. This union, which lasted until 1902, apparently accomplished little in gaining prestige or financial support for the Omaha Medical College. It is interesting to note, however, that the Dental Department of the University of Omaha was located at the Omaha Medical College after an addition to the building was completed in 1899, more than doubling its size.<sup>31</sup>







Pathology laboratory, Omaha Medical College.

Corner in student lobby.

The idea of a union of the Omaha Medical College and the University of Nebraska in Lincoln evidently began in the 1890's. The University Board of Regents was eager to have a medical college to add to its impressive achievements in graduate education. The University of Nebraska had already organized the first graduate school west of the Mississippi, had earnestly pursued excellence and high standards in graduate education, and was anxious to expand into the area of professional training and education. As early as 1892, the university had established a two-year pre-medical basic science curriculum. Throughout the 1890's, the science curriculum was strengthened under the leadership of Henry Baldwin Ward, who joined the faculty as Professor of Zoology in 1893. According to Dr. J. Jay Keegan, Ward "was a man of high scientific training and ideals, and much credit should be given to him for advancing the biological sciences at Nebraska and for interesting the University in establishing the College of Medicine." 32

The April 18, 1902, agreement between the University Board of Regents and the trustees of the Omaha Medical College inaugurated a most important new phase in the development of the school, but one that the trustees could perhaps foresee was transitional. It was agreed that the Omaha Medical College would "retain its corporate existence" and maintain its own expenses, finances, and business transactions. The Regents in turn would issue catalogs and diplomas, and hold power of approval over courses and faculty memberships. The "College of Medicine of the University of Nebraska," as the University bulletin called it, offered a four-year course leading to an M.D. degree. The course of study was nine months each year, and University standards for laboratory and examination were maintained. The medical student would study two years of primarily basic science on the Lincoln campus and spend his last two years in clinical training in Omaha. The first Dean of this new College of Medicine was Dr. Ward, who was largely responsible for the merger. 33 Dr. Harold Gifford was appointed to serve as Associate Dean, in charge of the Omaha campus. Gifford was a respected physician who set a high standard of scientific achievement for his fellow faculty members and provided able leadership.

Shortly after the affiliation, primarily at Ward's behest, the school announced a significant innovation: a six-year course leading to both an academic (B.S.) and medical degree. One of Ward's major reasons for creating the six-year course was the value he placed





(Far left) Dr. Harold Gifford, Sr., Associate Dean, 1902-1910

Dr. Henry B. Ward, Dean, 1902-1910.

on a general educational background necessary for students of medicine. In 1908, Ward went a step further: He persuaded faculty and Regents to require two years of college preparation for medical school, an entrance requirement in advance of most other schools at that time. In Manley's history of the University of Nebraska, several indices of the recognized quality of the college's education are cited: an increasing number of medical graduates qualifying for academic degrees, the listing of Nebraska graduates in the preferred class by state examining boards across the country, and recognition by England's Royal College of Physicians and Surgeons of the "select" status of Nebraska graduates. Most of the credit for Nebraska's quick leap from an era of proprietary medical schools to a university school of medical sciences must go to Ward for his forcefulness and foresight.

Nationally widespread adoption of the university model of medical education helped to resolve many of the ambiguities that had bedeviled the medical profession at the turn of the century. The university model affirmed medical science and ended the competition with the lesser sects of medicine; it spelled the end of proprietary medical schools and permitted the development of fairly uniform standards for the medical profession. In his study of medical education in the United States, Joe Baughman summarizes these key changes which took place between 1860 and 1910:

Medical education was moved from the large auditoriums of the proprietary schools to the classrooms and laboratories of universities. The courses were extended to include 4 years of 36 weeks a year. Requirements for entrance were raised to 3-4 years of college work. The attendance was recorded, and progress by means of tests was noted at all times. Professors became fulltime instructors. Profit was removed from medical education, and all schools in order to exist needed large endowments. Hospitals became of primary importance in teaching medicine. Graduation was not considered the end of medical education, and the internships became necessary learning periods. Experiments were individually performed, and teaching was done to small groups.<sup>35</sup>



## The Struggle for Unification

The unification of the University of Nebraska College of Medicine and its move to its present site in Omaha was a protracted battle that took place over the years from 1902 to 1913.

By 1908, it had become increasingly clear to many that a unified college should be located in Omaha to take advantage of the superior clinical facilities in that city. The move to Omaha was vigorously supported by the Omaha faculty-physicians. In 1909, the Legislature appropriated \$20,000 for the purchase of a campus site in Omaha, a location which "at that time seemed to be quite removed from the active center of the city." Dean Ward was responsible for the selection of the site at 42nd Street and Dewey Avenue. After the University made its purchase (limited by the amount of money appropriated), several of the prominent faculty members bought up adjacent properties to be sure that the college would have adequate space for its future growth. 37



## Role of the Flexner Report

Also in 1909, the Carnegie Foundation for the Advancement of Teaching commissioned Abraham Flexner, noted scholar and educator, to analyze American medical education and to make recommendations for its reform. Flexner's report not only became the bible for the reform of medical education, it also had great effect on the future of the University of Nebraska College of Medicine. Flexner visited each of the 155 medical schools in the United States and Canada and wrote an objective analysis of the strengths and weaknesses of the faculty, curriculum, facilities, and finances of each, with specific recommendations for improvements. On the basis of this study, he proposed a model of medical education that was followed for nearly 60 years. It emphasized the importance of science and research, affiliation with a university having adequate facilities and full-time faculty, teaching hospitals to provide clinical instruction, and standardized admission requirements. Flexner also recommended a curriculum based on that of Johns Hopkins Medical School which followed the German tradition of medical education.<sup>38</sup>

Flexner visited Nebraska in April 1909. He praised some aspects of the divided college and its faculty, but he was blunt in his conclusions and recommendations regarding the division of the school between Omaha and Lincoln.

In Nebraska, as in most of the western states, the hope of sound instruction in medicine lies with the state university. There is apparently no other institution in the state which can confidently count on spending much more on a medical department than fees bring in, though Creighton has succeeded in obtaining gifts for building purposes. The problem confronting the state university, however, is not simple. It has undertaken to require two years of college work for entrance, while the state law does not contemplate the enforcement of even a high school standard....

A more perplexing problem arises from the division of the state university department between Omaha and Lincoln. The edges of the two halves do not now touch. If our position in respect to divided schools is correct, the state must choose between wholly dropping clinical instruction and organizing a complete school on one of the two sites now partially occupied. An entire department at Omaha seems at this moment the more feasible.<sup>39</sup>



## A Victory for Omaha

When the 1909 Legislature voted \$20,000 for purchase of the Omaha site, a donation of \$50,000 had been promised by leading citizens of Omaha to support construction of a hospital and classroom building; however, this money failed to materialize. 40 In 1911, the Board of Regents requested an additional \$100,000 from the Legislature to construct a laboratory building in Omaha. The opposition to the move to Omaha had one hope: to kill the appropriation and maintain the status quo. Lincoln doctors favored the location in their home city; Omaha doctors, except for the Creighton University interests, argued vociferously for Omaha's merits. Flexner's report was cited as conclusive evidence of the advantages of Omaha. The legislators were divided on the question, with a considerable number simply reluctant to support an item of such expense.

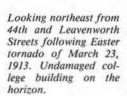
The major credit for the victory of the 1911 building appropriation bill belonged to Dr. A. C. Stokes of Omaha, who lobbied tirelessly for the several months it took to build a majority in the 1911 Legislature. According to Tyler's account, "Stokes' bill was killed on nine successive occasions but was revived each time by herculean efforts, aided and abetted by a powerful fraternal organization which threw its strength against a democratic legislature, friendly to Creighton." <sup>141</sup>

Even after the bill finally passed the Legislature, the opposition continued. The League of Medical Freedom, organized quickly by homeopaths and eclectics, attacked the Board of Regents on the grounds that the College of Medicine was dominated by the allopathic sect of medicine now being called medical science. An effort was made to persuade the governor to veto the appropriations bill, but this failed. According to Dr. Keegan, the governor's secretary was a friend of the Omaha group, and through his influence Governor Moorhead was persuaded to sign the bill into law.<sup>42</sup>

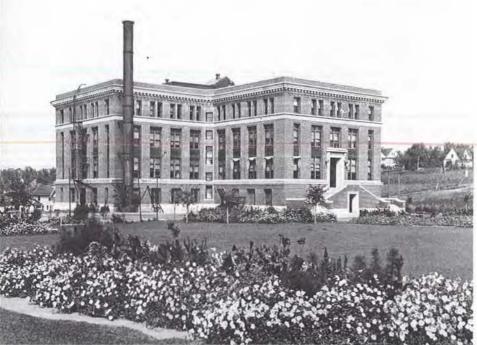
The opponents continued their resistance, and ultimately the Nebraska Supreme Court was required to affirm the constitutional propriety of the University's support for a branch of the school in Omaha. With that decision, the protest died down, and the future of the College of Medicine in Omaha was assured. In 1912, the American Medical Association classified the college as the only superior institution in the region; the Association of American Medical Colleges likewise granted it superior status. This praise disarmed and silenced the University's critics, and opposition to legislative appropriations for a unified campus in Omaha faded.<sup>43</sup>



College of Medicine building under construction, 42nd and Dewey, March 1913.



The new laboratory building, designed to house the entire medical college, was dedicated on October 16, 1913. The University's student publication, *The Cornhusker*, gives a student's view of the "most compact and efficient plant" which "marks the opening of a new epoch in the history of the college."



College building, 1914.





On the second or main floor are the offices — aristocratic offices ... across the hall is the Department of Clinical Pathology and the museum. Further on we turn into the west wing. At the far end is the assembly room, equipped, by the way, with a \$600 projection lantern and a \$500 dark curtain outfit, so that lectures may be illustrated in the most effective way. . . . Let us go up to the third floor. Here . . . we find the library. On the other side of the hall the Department of Chemistry, where the Freshmen make vile odors. In the corner is a lecture room. The west wing is taken up by the Department of Physiology and Pharmacology, with its office, laboratories, machine shop, dark room and wonderful electrocardeogram . . . the like of which is found only in two or three other schools in the United States. Now for the fourth floor. Here is "Exhibit A" of every medical college — the Department of Anatomy. The dissecting room is beyond a doubt the most sanitary and best equipped of its kind in the country. . . . In the corner is another lecture room. In the west wing is the Department of Histology.

Before we leave we must visit the ground floor. Here in the south wing is the girls' restroom. Across the hall is the office of the college paper, "The Pulse,". . . the west wing is taken up with men's quarters, a lounging and smoking room, a large locker room and a bathroom with showers. Some building, isn't it?<sup>44</sup>

(Above left) Chemistry laboratory.

(Above right) Gross anatomy laboratory.

(Right) College library.







(Far left) Dr. Willson O. Bridges, Dean, 1913-1915.

(Left) Dr. Robert H. Wolcott, Acting Dean, 1910-1913.

## New Leadership

While the decision was being made regarding location, a power struggle was going on within the college to determine who would be Dean. Although Dr. Henry Ward had contributed much to the academic and administrative growth of the college and had been deeply involved with the merger, he was rejected as a candidate for Dean of the unified college. Dr. W. O. Bridges, a physician and Associate Dean of the Omaha campus, was appointed in 1913, and the leadership of the University of Nebraska College of Medicine passed from the hands of the Lincoln basic science professors to the physician-faculty in Omaha.<sup>45</sup>

During this rather frantic time of growth and development in the College of Medicine, Drs. Irving S. Cutter and Charles W. M. Poynter began their affiliation with the institution. These two men would exert powerful influence on the directions and growth of the medical school for the next two generations.

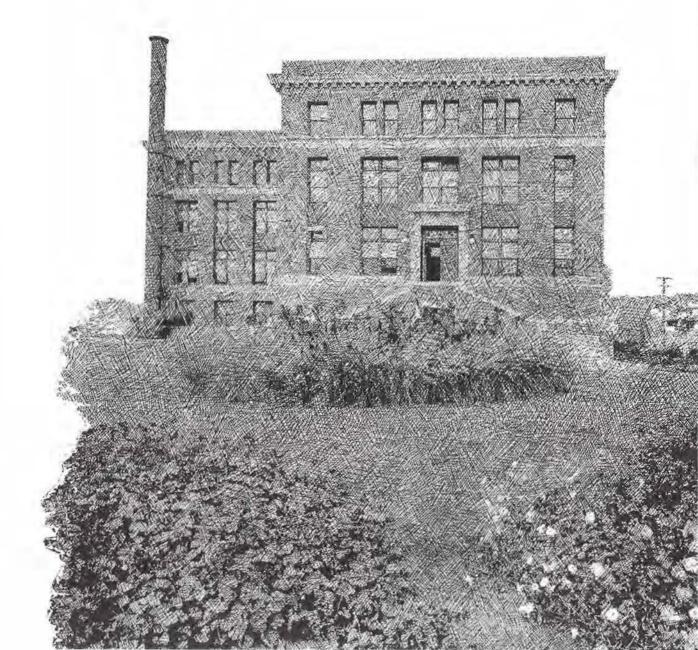
Irving S. Cutter had been a high school teacher, principal, and textbook salesman before he undertook the study of medicine which brought him an M.D. degree from the University of Nebraska in 1910. At the time of the leadership struggle in the College of Medicine, he was, according to Wolcott, "just one year out of medical school, but an old hand at any kind of school politics." Keegan relates an anecdote that points up Cutter's forceful ways: In his earlier job as a textbook salesman, he is reported to have attended a school board meeting where no board member would make a motion to purchase new textbooks, and, though he was an invited guest, Cutter made the motion himself, and then concluded the sale. 47

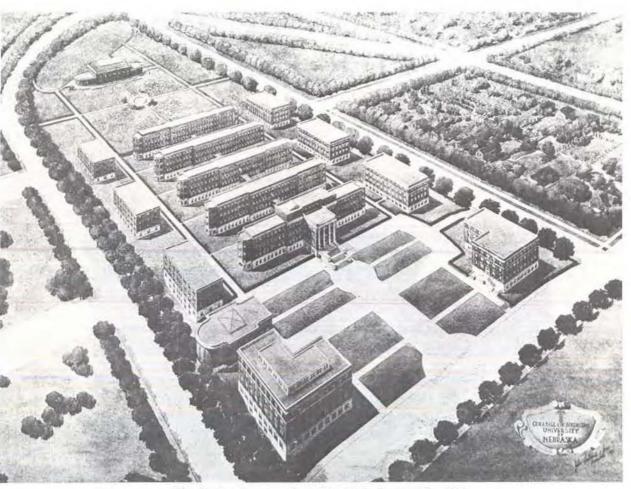
His quick rise to prominence in medical school politics foreshadowed his later achievements as Dean of two medical schools, editor of the Nebraska State Medical Journal, and a nationally syndicated health editor for the Chicago Tribune. Cutter was quick-minded, persuasive, and highly skilled at organizing people to bring his ideas to fruition.

Charles W. M. Poynter, the son of an early Nebraska governor, had grown up in the state and received his M.D. from the University of Nebraska in 1902. He entered private practice with Dr. H. W. Orr, but his interests seemed to lie in teaching rather than practice. Only a year after his graduation he joined the faculty of the University of Nebraska in Lincoln. With time out for recovery from tuberculosis, and a year of study in Vienna, he became Professor of Anatomy in the College of Medicine in 1910.

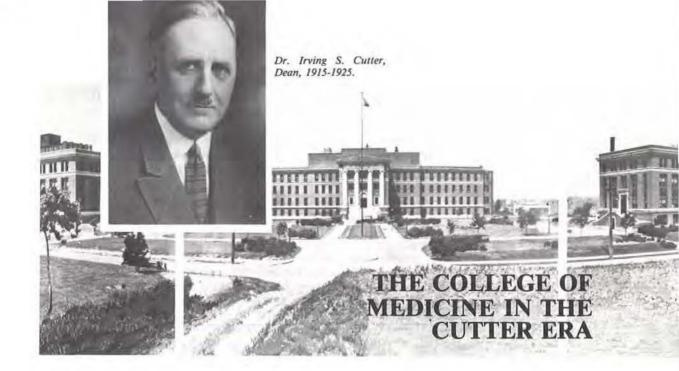
The reported animosity between Poynter and Cutter grew out of their competition for rank. When Dr. Bridges was appointed Dean, Dr. Cutter was given the rank of Director of Laboratories and Dr. Poynter was given the responsibility for anatomy with rank of Professor.<sup>48</sup>

## THE COLLEGE OF MEDICINE IN THE CUTTER ERA 1915-1925





Plan for Omaha campus by architect John Latenser, Sr., 1921.



## Rivalry for the Deanship

When Dr. Bridges resigned, one fact was obvious: Among the members of the fulltime faculty there were only two logical candidates for the Deanship — Cutter and Poynter. It was to Cutter the lot fell.

There is little doubt about the quality of Cutter's administration of the College of Medicine, first as Director of Laboratories under Dean Bridges from 1913 to 1915, then as Dean from 1915 to 1925. Even Dr. Poynter, who had reason to resent Cutter's rise to power, wrote: "Dean Cutter should be credited with an acute insight into the needs of the Medical College and an amazing capacity to 'sell' those needs to the Regents and the Legislature." Given Cutter's talents, it is certain that the transfer of the basic science departments to Omaha was smoothed by his knowing hand.

Credit also was due Dean Ward, who had laid much of the groundwork for the unification of the college prior to his resignation in 1910. Of Ward, Poynter wrote: "He had the happy faculty of educating the medical faculty to the needs of modern medical education and developing an organization which continued his program after his resignation in 1910." <sup>50</sup>

The work involved in finalizing the unification of the campus in Omaha was considerable. First was the task of furnishing and moving into the new college building. Much equipment from the basic sciences department in Lincoln was moved to Omaha, and \$20,000 worth of new furniture and equipment was purchased. Dr. Cutter established a medical library with books received from the University and from the medical library of the Lancaster County Medical Society. In later years, the college library was supplemented by the rare books and sets of journals acquired by Dr. LeRoy Crummer, a bibliophile, who toured Europe annually and had *carte blanche* from Dr. Cutter to buy for the library of the College of Medicine.<sup>51</sup>

The merging of two faculties necessitated reorganization of the faculty and curriculum. In addition to Cutter, Guenther in physiology, Dr. Poynter in anatomy, and Dr. Willard in histology and embryology were the only faculty members relocated with the college. There were other changes in the faculty also. In 1914, new faces included Drs. J. D. Pilcher in a now separate Department of Pharmacology, J. P. Lord in orthopedic surgery, G. Alexander Young in nervous and mental diseases, and LeRoy Crummer in clinical medicine. John E. Summers, who had resigned in 1899, returned as Professor of Clinical Surgery.<sup>52</sup>

## The Hospital is Built

But as demanding as the reorganization must have been for Cutter, he also found time to begin planning the college's future. As soon as his appointment as Dean was imminent in 1915, he went to the Legislature to request funding for more buildings on the Omaha campus. The first was a hospital, for it was the belief of leading medical educators that a medical school could not achieve excellence without a teaching hospital. Persuasive as always, Cutter won his appropriation of \$150,000, and in 1917 the first unit of University Hospital was completed, housing 130 beds. <sup>53</sup> The addition of a hospital created some dissent among the physicians on the faculty, and Cutter clashed with the very competent gynecologist Dr. Palmer Findley. When Findley threatened to resign, Cutter accepted, and, though the college was poorer for the loss of Findley's expertise, no one doubted Cutter's firm grip on the levers of power. <sup>54</sup>

By 1917, the imposing facade of University Hospital, so modern compared to the old Omaha Medical College building at 12th and Pacific Streets, stood as an eloquent reminder of the rapid advances in medical education in Nebraska since the turn of the century. The curriculum had lengthened to four years, and some college preparation was required for admission to medical study. The faculty had been enlarged to include both full-time scientists who taught the basic sciences and carried out research, and practicing physicians who provided clinical teaching on an unpaid, volunteer basis.

University Hospital was legislated to be a charity hospital, caring for the "worthy sick" who could not pay for medical care. The hospital was not permitted to charge patients for its services. Its architecture followed hospital practices of the day — narrow wings to provide light and ventilation.

University Hospital, east entrance, 1917.











(Above) Nursery, 3rd floor, University Hospital.

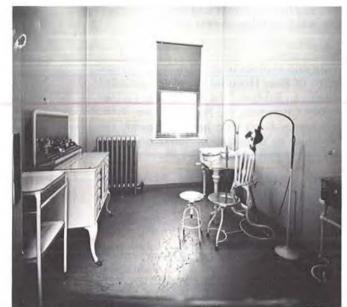
(Above right) Women's ward.

(Right) Surgical amphitheatre, 5th floor.

(Below left) Nose and throat room.

(Below right) East operating room, 5th floor.









## World War I

World-Herald, May 5, 1919.

The outbreak of World War I broke the momentum of expansion and reorganization that Cutter had achieved in his first years as Dean. The war affected the college tremendously. According to Poynter's account,

Standards, of course, declined as they did in all other schools in the country. Student interest reached a low ebb and the members of the faculty who remained at home were worked to exhaustion and only did the minimum of essential teaching while military events filled everyone's minds.<sup>55</sup>

Eighty members of the College of Medicine faculty and student body were in the service by March 1918. Dr. A. C. Stokes served as Director of Base Hospital 49, which included fellow physicians Hull, Potts, Patton, Nilsson, and E. L. Bridges. The faculty was further reduced by the volunteering of Drs. Eggers, LeRoy Crummer, W. N. Anderson, J. P. Lord, Johnson, Moore, Schrock, Lindquist, and Davis. Even with limited faculty, the college continued with an accelerated course of study to insure a continual supply of medical school graduates for what was foreseen as a long and bloody war.<sup>56</sup>

In October 1918, Dr. Cutter himself entered the service as a Captain, having been granted leave of absence by the Board of Regents. The early end of the war brought him back in 1919 to reclaim his position from Acting Dean Poynter.

## Post-War Expansion

With hardly a break in stride, Cutter set about supervising the continuing expansion of the college. In 1917, the Legislature had appropriated \$180,000 for the South Laboratory Building and a heating plant. These were ready by mid-1919, and the college moved the Dispensary from 17th and Dodge Streets to the South Laboratory Building's ground floor. The new building also provided laboratory and teaching space for some of the basic science and clinical departments serving the greatly increased number of students. Since the 1913 unification of the medical college in Omaha, the school had been pushed to the limits by early increases in student enrollment; the student body grew from 84 students in 1913 to 146 in 1916. By 1928, the enrollment would reach 322, Se a number that perhaps only Cutter, with his insight into the college's potential for growth, would have foreseen.



(Left) South Laboratory Building.

(Lower left) Newborn Clinic, Dispensary, 1st floor, South Building. Dr. H. Jahr at left. 1927.



Miss Josephine Chamberlin, R.N., Superintendent of Dispensary, 1919-1946.



(Left) Conkling Hall from the northeast, 1923.

(Below left) North laboratory Building with 1924 amphitheatre addition, 1928.

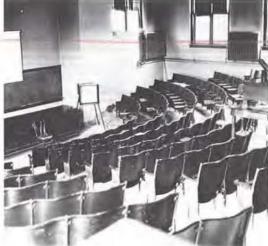
(Below right) North amphitheatre interior.

The College of Medicine building boom continued during the 1920's. Conkling Hall, built at the cost of \$70,000, was opened in 1923 as dormitory and administrative facility for the School of Nursing. This building was named to honor Dr. and Mrs. Jettur Conkling who had made generous gifts to the college. An auditorium of 200 seats was added to the North Building in 1924. In 1927, after Dean Cutter's departure for Northwestern Medical School, the last of his building efforts was completed. This was Unit II of University Hospital, designed to meet the growing demand for clinical teaching facilities. The Board of Regents had asked for and been granted an appropriation of \$200,000 to build Unit II; however, the expenditure of an additional \$100,000 was necessary to equip the building after its opening in 1927.<sup>59</sup>

During Cutter's ten years as Dean, the curriculum had become stable with an appropriate balance of basic sciences and clinical teaching. The first two years provided, for most students, a long and rigorous confrontation with the basic sciences. In the first year, the student ran the gauntlet of anatomy and bacteriology; during the second he moved closer to medicine by studying pathology, biochemistry, pharmacology, physiology, and an introduction to clinical medicine.

Students at the college were likely to come from middle or upper class backgrounds, well prepared by their schooling for the challenges of the curriculum. Nevertheless, these could be trying years for students if they had not yet become mature adults or were not intellectually fitted for medicine. Dr. John S. Latta, who joined the faculty in 1921, introduced the first-year students to the study of embryology, which was considered an excellent "elimination" course; in short, it was a test of their ability to master the foundations of medical science. Dr. Poynter's course in gross anatomy provided an effective measure of the student's ability to assimilate the details of the basic elements of medicine.









(Above left) Hospital Units I and II from the north, new Unit II on the right.

(Above right) Units I and II from the south.

(Right) Neurological clinic in the medical amphitheatre, Dr. A. E. Bennett presenting, 1927.



## Clinical Education and Internships

The University Hospital and the Dispensary, now located on campus, provided the patients necessary for clinical teaching during the students' last two years. Additional clinical teaching was provided at affiliated hospitals — including Nebraska Methodist, Immanuel, Clarkson, and Douglas County Hospitals and the Child Saving Institute. The clinical teaching was, and for many years remained, in the hands of the volunteer part-time clinical staff.

The internship had become recognized nationally as an essential part of medical education, and in 1922 the College of Medicine faculty passed a requirement that students matriculating in 1922 and thereafter would spend a 12-month internship in an acceptable hospital before the M.D. degree would be granted. That policy was rescinded, however, after the students from an earlier class sued in court and won on grounds that the faculty could not require further education that was out of their direct control. Nevertheless, though not a formal requirement, post-medical school internships became an accepted and necessary step in the individual's preparation for medical practice.<sup>60</sup>







Physiotherapy department, Unit II, ground floor, 1927.

By 1927, the University Hospital was accepting interns for an 18-month service. During this time the young physicians rotated through seven departments. Two months were spent in each of five areas — pathology, drug room and anaesthetics, roentgenology and physical therapy, pediatrics, and obstetrics and gynecology, where the intern acted as house physician in the admitting department. In addition, the intern spent four months in each of the two major areas, medicine and surgery. Tyler's account of Nebraska medical history describes this internship as worthy of comparison with any in the country. 61

## **Undergraduate Education**

The increased importance of clinical aspects of medicine in the curriculum and the increased responsibility of students in medical care-giving helped shape a new view of medical students as mature adults, as colleagues and doctors. One expression of the new respect for students was the Yale System, originated in 1924; it was an ungraded system which provided the medical student a wide choice of elective courses. Although the Yale System was not adopted at the University of Nebraska College of Medicine, by 1927 a liberalization of the curriculum for third- and fourth-year students gave them more choice in their courses and clerkship rotations.

Of course, life on campus still had its light moments — signs of the still not-quitefully-adult status of medical students: There were the post-adolescent hijinks of fraternity life; there were the usual pranks of gross anatomy lab. Nevertheless, despite the roar of the Twenties, there was evident among students an effort to adopt the serious demeanor of apprentice physicians — at least within the wards of the University Hospital.

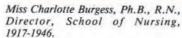
Fraternities, 1927.



Phi Rho House, November, 1922.









Temporary nurses' dormitory west of hospital, Unit I. Conkling Hall in background, 1923.

## Establishment of the School of Nursing

The establishment of the University of Nebraska School of Nursing during this era was one significant result of the opening of University Hospital. In recruiting Miss Charlotte Burgess on August 1, 1917, as the first Director of Nursing, Dean Cutter appears to have resolved two major problems: the lack of a quality nursing staff in the hospital and the need to establish a school of nursing. Miss Burgess, in her dynamic way, immediately began to recruit staff members. A key recruit was Miss Myra Tucker, who became Assistant Director of the school and Nursing Supervisor in the hospital. Miss Tucker, gracious and efficient during her long service, was considered a model of skill and deportment for the student nurse.

Miss Burgess resolved the second problem with equal dispatch. On October 16, 1917, only two months after she began, a faculty of seven was ready for the first class of 13 students admitted to the School of Nursing. The school was established as a Department of Nursing Education in the University in order that students might receive college credit for their studies. As soon as they arrived on campus, student nurses began "learning by doing," giving patient care on the wards.

In the school's first year, students were housed on a hospital ward. Then Miss Burgess had a house built for them; when that burned down in 1922, a converted barracks became a temporary dormitory until Conkling Hall was completed. In 1923, 31 students and staff began residence there.

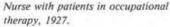
Dormitory room, Conkling Hall, 1923.













Student nurses, ca. 1929.



Big Sisters organization of the class of 1930-1931.

Charlotte Burgess was a formidable woman, with a bachelor's degree in philosophy and experience as a high school teacher, before entering the nursing profession. Prior to joining the College of Medicine, she had directed a Red Cross Unit in Russia during World War I. Her early leadership of the School of Nursing was characteristically vigorous, for she was as demanding of her staff and students as she was of herself, and highly attentive to the school's needs.<sup>62</sup>

After a decade of growth, the School of Nursing had an enrollment of 108 students. Although the three-year curriculum had become more firmly based on the nurses' knowledge of body systems and mechanisms of disease, nursing education still was grounded primarily on practical experiences on the wards. Nurses worked 12-hour days and 6½-day weeks in exchange for a small wage and the board and room provided for them on campus. Not until after World War II would nursing education acquire the base of knowledge to go beyond the training school-apprenticeship model of the "Burgess years." Nevertheless, that model served the school and hospital well. Under Charlotte Burgess' firm guidance, a tradition of quality and of devotion to patient care was established and nurtured.

Dr. J. Jay Keegan, Dean, 1925-1929.



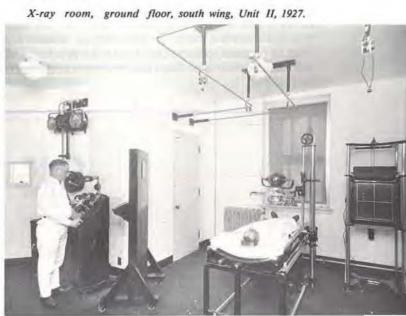
## Dr. Keegan's Term as Dean

Dean Cutter's resignation in 1925 ended a remarkable decade of leading the College of Medicine into the modern age of medical education. Not only had he guided the college's great physical expansion, he had attracted to the school a strong faculty who, in years to come, would continue to maintain the college's high rank among medical schools. Because of the longstanding discord between Cutter and his logical successor, Dr. Poynter, Cutter recommended that Dr. J. Jay Keegan succeed him. Keegan, a neurosurgeon, had had no particular ambitions in this area, but he accepted, as he wrote later, "as an opportunity for experience." The experiences of Deanship were not always pleasant. When Unit II of the hospital was opened in 1927, Keegan had to seek additional funds from the Legislature to equip the building. There were also faculty problems. Several long-time members of the faculty were reaching retirement age but wished to stay on as department heads; the decision that they must retire was not popular with the faculty, causing "considerable unhappiness and criticism." 64

An important addition to the faculty at this time was Dr. Carleton Peirce, whose specialty was radiology. After spending 1927 equipping the south wing of the first floor of Unit II, Peirce organized a Department of Roentgenology and Physiotherapy which met needs in both college and hospital. Required courses of 17 hours were established for juniors and seniors, and additional electives were offered. When Peirce left in 1930, Dr. Howard Hunt, a colleague from Michigan, came to begin his long and productive career at the college.<sup>65</sup>



Dr. Howard B. Hunt.



Library reading room, second floor, north wing, Unit II, 1927.



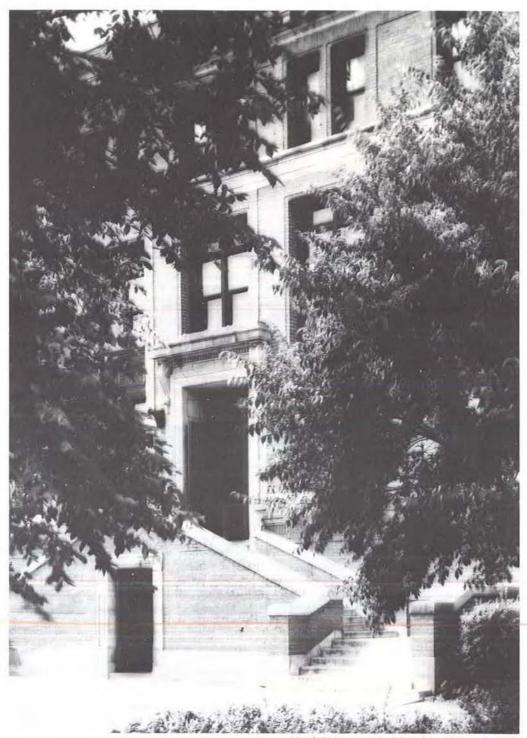
The library, which had been one of Cutter's pet interests, was moved and reorganized during Keegan's term. From its initial home in the North Building, the library had been moved to the second floor of the administrative wing of Unit I in 1917; there it grew from 12,000 to 18,000 volumes with a considerable list of scientific journals. Miss Harriet Wilson, the first librarian, left the College of Medicine in 1921. Her successor, Miss Madeline Hillis, supervised the library's move to the first and second floors in the north wing of Unit II in 1927. By that time the library consisted of 35,000 volumes, 16,300 pamphlets, theses and reprints, and a subscription list of 260 scientific periodicals. Poynter proudly described the library as "one of the strongest and most distinctive features of the Medical College."

Keegan's term as Dean was brief, and he found it "a difficult one," but his efforts were recognized. The *Daily Bee*, while supporting his request for funds to complete Unit II, praised his leadership in these terms: "Dean Keegan's management of the hospital has brought him warm commendation from the University authorities and from the doctors who have worked there." Nevertheless, Keegan's interest was in neurosurgery, and in 1929 he resigned to devote full time to his practice. Dr. Poynter became Acting Dean, with the implicit understanding that his aspirations toward the Dean's position would finally be fulfilled.



## THE POYNTER ERA: 1930-1946





North Laboratory Building from the south, 1928.



Aerial view, campus, 1928.

Charles William McCorkle Poynter looked every inch a Dean, with his stern visage and commanding manner flavored by a delightful sense of humor. He inspired in those who met him a respect that augmented considerably the authority of his office.

As a Professor of Anatomy from 1910, Poynter had become a tradition for a whole generation of students, greatly influencing their personal and professional lives. He was especially adept at relating the basic sciences to clinical medicine, which was no small feat during an era when the basic sciences were often taught as pure scientific disciplines. His term as Acting Dean during Cutter's brief war service had tested his administrative skills, and he made no secret of his interest in serving the College of Medicine as Dean. Poynter's conservative philosophy and strong leadership were particularly well-suited to coping with the difficulties that arose after his permanent appointment on February 9, 1930.



Dr. C.W.M. Poynter, Acting Dean, 1929-1930; Dean, 1930-1946.



World-Herald, February 25, 1933.

## Hard Times for the College

The greatest and most enduring problem was funding for the College of Medicine and University Hospital; since the stock market crash of 1929, the budget had become a target for economy-minded legislators and governors. Poynter's task of maintaining the high standards and reputation of the school despite the depressed economy was also complicated by the departure, through death or retirement, of the "old guard," some of whom had led the school since the days of the Omaha Medical College. In his struggle with both of these problems, Poynter's strength was his ability to recognize the college's foundation in the basic sciences, and to insist that this foundation not be eroded by insufficient funding or less than excellent teachers.

Because of his choice of teaching personnel, Poynter turned a decade of potential disaster into a time of opportunity for those at the College of Medicine. The faculty and curriculum became remarkably stable, and the hospital and dispensary became relatively streamlined in their dual functions of service and teaching. Despite the belt-tightening occasioned by salary cuts as high as 22% in 1932 and the straitened finances of the decade, there was a feeling of solidarity and commitment among staff and students that was due in no small measure to Poynter's firm example in the Dean's position. According to Edward A. Holyoke, who was both student and faculty member during Poynter's term, "There was remarkable unanimity among staff and students and a conviction that the College of Medicine was a first-class operation and that you had to work to keep it that way." 68.



Dr. A. L. Bennett, appointed to faculty, 1934.



Dr. A. R. McIntyre, appointed, 1932.



Dr. J. S. Latta, appointed, 1921.



Dr. H. H. Davis, appointed, 1922.

## **Faculty Changes**

The passing of many of the senior faculty during the early 1930's seemed to happen all at once. The death of Harold Gifford, Sr., in November of 1929 was followed over the next few years by the deaths of A. F. Jonas, W. O. Bridges, J. E. Summers, and H. M. McClanahan. These men had served medicine and medical education in Omaha since the 1880's and 1890's and their deaths were solemn occasions for the entire community. By the middle of the decade, several more of the elder statesmen of the college — B. B. Davis, Alfred Schalek, J. P. Lord, and J. M. Patton — had died, leaving large vacancies for their successors to fill and high standards for them to match. Several long-time faculty members moved to the West Coast; Henry B. Lemere took up practice in San Francisco, while LeRoy Crummer and William N. Anderson began practice in Los Angeles. 69

Poynter's selections to fill these many vacancies proved, almost to a man, to be superb choices to carry on the college's tradition of strength in basic science teaching and excellence in the clinical fields. After the departure of Dr. Otis M. Cope to New York Medical College and the retirement of A. E. Guenther, Poynter appointed Drs. A. R. McIntyre and A. Lawrence Bennett to lead the Department of Physiology and Pharmacology. Millard F. Gunderson took over in bacteriology, and the experienced Harold E. Eggers stayed on in pathology: Both were excellent teachers who were respected by their students and their colleagues. Dr. John S. Latta was by this time a central figure in the Department of Anatomy and the *de facto* head of the department, although Dr. Poynter maintained the chairmanship until 1941. Dr. Manuel Grodinsky was in charge of gross anatomy from 1931 until his health failed toward the end of the decade. Edward A. Holyoke was appointed as instructor, the beginning of his career as master teacher and later chairman of the Department of Anatomy.<sup>70</sup>

In the clinical areas, there were holdovers from the 1920's: G. Alexander Young in neuropsychiatry, Edwin Davis in urology, and C. W. Pollard in gynecology and obstetrics. But there were new faces too. The death of B. B. Davis occasioned a search for a successor in the Department of Surgery; Dr. Poynter chose J. Jay Keegan who, though a neurosurgeon, had the stature to administer that department as chairman. Rodney W. Bliss was appointed chairman of internal medicine; Howard B. Hamilton, of pediatrics; William Stokes, of ophthalmology; W. P. Wherry, of otorhinolaryngology; and C. C. Tomlinson, of dermatology. In 1931, a recent graduate, J. Perry Tollman, returned to take over the hospital pathology service. There were other appointments of highly qualified clinicians who would lead the school well into the 1960's: Drs. Earl C. Sage, W. B. Moody, Leon S. McGoogan, H. H. Davis, J. C. Davis, J. H. Judd, Dewey Bisgard, Charles W. McLaughlin, and Chester Q. and Warren Thompson.<sup>71</sup>



Dean Poynter in his office, ca. 1931.

## Poynter as Administrator

Despite this cast of strong-minded personalities and highly qualified professionals, Dean Poynter had great authority. In an interview conducted in 1979, Dr. Charles McLaughlin recalled Poynter as "a one-man institution in that he was the director not only of the Medical School but the Hospital as well. He was the administrator, the arbitrator, and the conscience of the school." Poynter's personal control over administrative processes that in a later era would be bureaucratized and depersonalized appears to have been nearly complete. Poynter himself was the entire admissions committee; while he did consider a prospective student's pre-medical grades, Poynter used a personal interview to decide whether or not a candidate would be admitted. Each year, according to McLaughlin, the Dean would call in members of the senior class and tell them at which hospitals they would intern. In difficult disciplinary situations, whether the case involved faculty or students, Poynter would decide the individual's fate in a single interview in his office. In McLaughlin's memory, Poynter's autocratic decisions were never disputed.

McLaughlin relates a personal story about his efforts to gain Poynter's blessing for the younger doctor's enlistment in the Navy at the time of World War II.

I said, "Dr. Poynter, I want to enlist in the Navy." He said, "You can't. You are an essential teacher here." I said, "I don't think I'm essential." He said, "You're carrying a tremendous load and I need you." I said, "Dr. Poynter, this is war and I want to go." He said, "Get out of here." So I waited about two or three weeks and I went back in and I said, "Dr. Poynter, I don't think we're going to win this war. It's the greatest show man's ever seen and you can't tell me any conceivable way we can win this war today, and no sensible person can, except that I think I've got to get in it." He said, "Young man, that's ridiculous. I need you here teaching." I said, "Dr. Poynter . . . if you were in my position at 36 wouldn't you be standing in my shoes?" He looked at me for about 30 seconds and said, "You win." He picked up the house phone and called Roy Fouts downtown and said, "I've got a couple of boys who want to get in the Navy. I'll let them go." 13

To portray Poynter simply as an autocrat is to ignore his other dimensions: his continuing interest and involvement with the sciences, his active role in community life, the strongly paternal interest he took in younger faculty members, and above-all, his sparkling sense of humor that made his associates like him as well as respect him.



One of a series of illustrations, "Surgical Amputation of the Knee."



Anatomical illustrator Rose M. Reynolds joined Anatomy Department, 1929.

## **Campus Changes**

Despite the financial squeeze of the Depression years, Poynter strongly defended the college and hospital budget from further cutting. Rather than spreading quality thin and hoping for the best, he closed a number of hospital wards, thereby reducing the hospital's services rather than compromising on his standards of care. The size of incoming medical school classes was cut to 85. And even with the state's moratorium on capital expenditures, Poynter managed to have some important buildings erected during this period by taking advantage of federal monies for work programs and public buildings.<sup>74</sup>

The first addition to the campus during the decade was the west wing of Conkling Hall (1931), which was needed urgently to provide expanded dormitory and classroom space for nursing students. The heating plant was rebuilt in 1932, the service building on



(Above left) Nurses' Dormitory to supplement crowded Conkling Hall, 1929.

(Above right) South view of Conkling Hall showing west addition, 1931.

(Right) Service Building, 1936.





Emile Street was erected in 1934, and a new laundry was constructed in 1938. Finally, the South Laboratory Building gained a west wing, the last addition on campus before World War II. All of this construction changed the face of the campus very little, and the old graduates who came back after 10 years or so felt perfectly at home. There were the same two lab buildings flanking the hospital. There were the same driveways, the same nurses' home. There was the same empty space west of the hospital with the baseball diamond and cinder track. The same high clay banks flanked Dewey Avenue and what there was of 44th Street. There were the same beautiful flower beds and well-kept lawn, tended by Richard C. Darcy, and the huge and magnificent lilac hedge that flanked the north border of the campus.





Richard C. Darcy, groundskeeper, 1913-1947.

(Left) Campus greenhouse.

(Below) Flower beds at 42nd Street entrance to campus.





Class of 1945 in uniform,

### World War II and its Effects

The stability and calm of this period was shattered by Pearl Harbor and the U.S. entrance into World War II; once again the school was forced to cope with the exigencies of a wartime medical curriculum. Many staff members joined the armed forces, the four-year curriculum was compressed into four nine-month academic sessions in three calendar years by accelerated scheduling, and there were shortages of funds and equipment. Wartime students were sometimes less qualified than their predecessors, which added to the accumulated difficulties of the time, especially for the weary overworked faculty members left behind. Dr. J. Perry Tollman recalls the period:

The functioning of the Medical College changed rather abruptly with the outbreak of the war. First, of course, a number of faculty members joined the armed services, reducing the coverage of the wards, and all of us felt the pressure of having to do more work. Rather shortly the teaching program was put on a three-year cycle. The general format of the educational program was not significantly changed at first; vacations simply were eliminated so that we were working around the year. Soon the students were mostly in uniform. This led to some variations in the students' program. The Army instituted a Saturday drill program. We, of course, had representatives of the Army on campus and the students had to make their reports regularly. Those who were in the Navy program were not in uniform and had no drill. This led to a considerable amount of needling between the services. Shortly, a student selection pattern was instituted by the armed services in which a representative of each of the schools met at intervals at a central location to review the applications of students whom the service was considering for admission to medical school. . . . We did not choose individual students for our particular schools, but these were assigned by the military in whatever fashion they chose.75

With the end of the war came the end of an era in medical education both in Nebraska and across the entire nation. The nation's experience of the war, with its trauma and its innovative problem solving, had disclosed a whole new world of possibilities to federal policy-makers and health science professionals. These new ideas would affect medicine and medical education profoundly. But before these changes took place at the University of Nebraska, Dean Poynter resigned at the age of 71, and Dr. Harold Lueth became his successor in 1946.

No one retiring ever left a more devoted staff behind him. His former students established the C. W. M. Poynter Foundation in his honor. Perhaps he was best remembered as Professor of Anatomy because of the close personal contact with his students. However, his record as Dean marks Dr. Poynter as one of the true leaders in the story of the University of Nebraska College of Medicine.

## Dr.Lueth Successor to Poynter

Medical School Head to Retire July 1, Continue Research

By Lawrence Youngman Dr. Harold C. Lueth, 41, Evanston, Ill., has been named Dean of the University of Nebraska College of Medicine, effective July 1.

Dr. C. W. M. Poynter, 70, who has been dean of the school since 1929, is retiring at his own re-

In recognition of his services, In recognition of his services,
Dr. Poynter has been made Dean
Emeritus of the College. During
his time as head of the College
it has risen to a position which,
in the opinion of numerous professional observers, entitles it to quest. fessional observers, entitles it to a rating among the half-dozen top medical schools in the United

Has Three Titles

Has Three Titles

The new dean has an outstanding record in both civilian and Army medicine. He has had thorough training as a clinician, and work. In addition to being Dean work. In addition to being Dean of the Medicial College he will have titles of Professor of Medical Superintendent of the University Hospital.

"Dr. Lueth impressed the committee as being a scholarly man,

mittee as being a scholarly man, and he has been recommended and he has been recommended highly by those with whom he has worked." Dr. Poynter said.

By telephone Dr. Lueth told The World-Herald he was pleased at the prospect of coming to the University of Nebraska.

"It has an excellent medical school," he said. "Following in the footsteps of Dean Poynter will not be an easy task."

not be an easy task.





Dean C. W. M. plans renowal of



Dr. C. W. M. Poynter in his research laboratory . . project interrupted 17 years ago.—World-Herald Photo

## Dr. Poynter, Retired Medical College Dean at U. N., Working Longer Now Dr. C. W. M. Poynter, Dean of the University of Nebraska College of Medicine for 17 years, to work in the morning at the same time as when he was Dean

But Dr. Poynter simply retired

to a new job. Now he's working longer hours than before. In the same laboratory room, he has resumed the same rehe has resumed the same re-search project which he was car-rying on before he was made head of the school. He says he's getting more fun out of life than he has in 17 years. In his laboratory project, Dr. Pountage is tracing the course of

In his laboratory project, Dr. Poynter is tracing the course of the extension or spread of in-fections in the chest. It is done by injecting India ink or easilytraced bateria into white rats and then ascertaining by what course the infection spreads. He estimates that a year of research will be required before the reto work in the morning at the same time as when he was Dean of the College—and Mrs. Poynter complains that he usually returns home later in the evening than he did before his "re-firement."

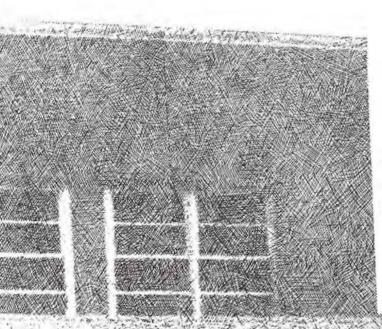
The Doctor's only complaint is that other of his interests continually interrupt his research

Dr. Poynter suspects that Uniersity officials have plotted to keep him busy.

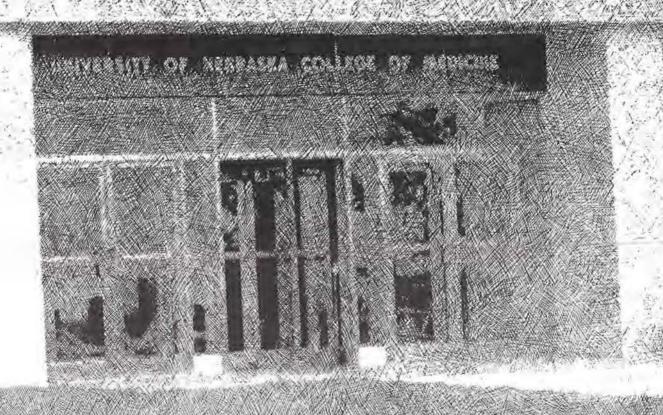
"First of all," he relates, "they

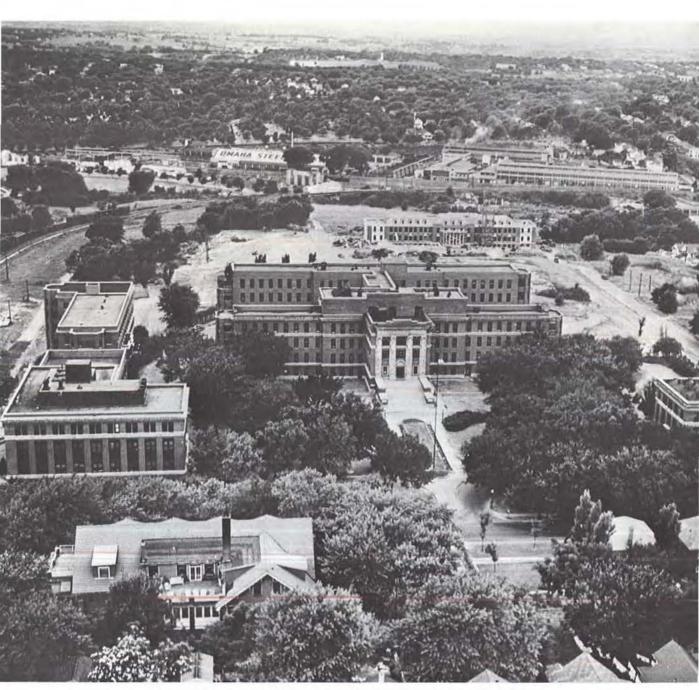
gave me the title of Dean Emeri-

"Then they gave me a place to work, and assigned a gradu-to work and assigned a gradu-ate student to help me. Now the catalogue says that I am Director of Anatomical Research.

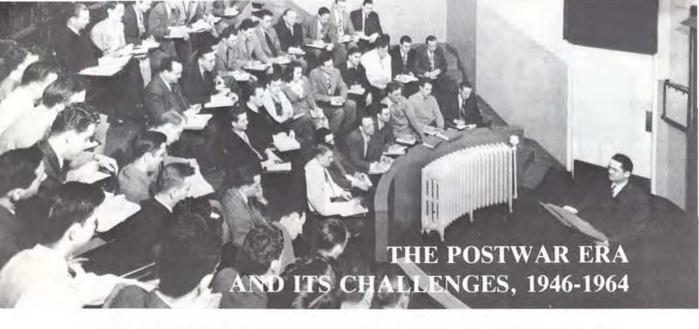


# THE POSTWAR ERA AND ITS CHALLENGES





Aerial view, campus, Childrens Memorial Hospital under construction, 1946.



World War II had a great and enduring impact on medical education in the United States — so much so that the war must rank with the growth of the science of medicine and the Flexner Report as the greatest influences on the education of physicians in the 20th century.

When Harold C. Lueth walked into the Dean's office in the summer of 1946, he entered a new era for the College of Medicine, the medical profession, and the entire country.

The next 20 years would see an explosive advance in medical and scientific knowledge, an almost complete restructuring of medical education, and a phenomenal growth and change in medical colleges all over the country. There would be sweeping changes in the social and political life of the nation and above all the emergence of the federal government as a dominating force in influencing and financing both medical education and research.



Dr. Harold C. Lueth, Dean, 1946-1952.





## Federal Impact

Prior to the war, federal funds had aided universities primarily in the area of agricultural research, a policy dating from the era of Abraham Lincoln. Fear of federal control precluded federal funding for medical education. But the necessity of war demanded huge expenditures on scientific research primarily through universities; thus, by 1945, the U.S. Office of Scientific Research and Development had a budget of \$1.6 billion. Out of the wartime programs of scientific research grew the various federal agencies; one of these, the National Institutes of Health, has had far-reaching effects on medical education, research, and patient care.

## Challenges for Medical Colleges

In the postwar era many medical colleges recognized the need to focus attention on:

- 1. the establishment of full-time clinical faculty positions,
- the expansion of teaching hospitals to provide adequate numbers of cases for clinical teaching,
- the continued development of post-graduate education with specialized residencies and board certification,
- 4. the expansion of research facilities and activities.

The prestige medical schools had already pioneered these changes; now they would be adopted by the remaining schools of the United States.

At the University of Nebraska College of Medicine, consideration of these four issues was essential in the college's quest for educational excellence, to meet Nebraska's need for quality medical education and service at all levels.

(Above left) Students learning at the bedside, 1948.

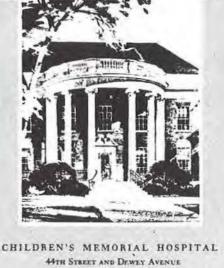
(Above right) Heart surgery.

(Right) Students using the library reading room.





Dean Lueth at his desk.



OMAHA, NEBRASKA

Invitation to cornerstone laying ceremonies, September 28, 1946.

The adaptation of the University of Nebraska College of Medicine to the postwar era would probably have been difficult enough, given the magnitude of the changes that were necessary. But in addition, there was the problem of continuing small budgets for medical education that left the college dependent on the volunteer clinical faculty who had served so well throughout previous years. This conservative group was slow to awaken to the changes advocated by leading medical educators. The Dean's position then became one that required great political skill, and this apparently was not one of Dean Harold Lueth's strong points.

Lueth came to the Dean's position after four years of military service, and he is remembered by some of his contemporaries as being somewhat stern and military in his bearing. Further, he was viewed as an outsider, having been a faculty member at Northwestern University prior to wartime service. Both facts offer some explanation for the difficulties Dr. Lueth encountered in his administration.

Lueth's appointment as Dean and Poynter's retirement created a strong sense of the passing of the old order at the College of Medicine, a feeling sharpened by the departure in 1946 and 1947 of some of the school's best-known faces. Miss Josephine Chamberlin, the well-loved and long-respected nurse who had headed the Dispensary since 1919, retired at the end of 1945. Charlotte Burgess closed her long career as Director of the School of Nursing since 1917. Richard Darcy, too, retired, leaving the college's rolling lawns and bounteous flower beds to the care of others for the first time since 1913. On September 17, 1947, a special dinner was held to commemorate the many who were now leaving the college for retirement; Drs. John F. Allen; Rodney W. Bliss; Alfred J. Brown; Harold E. Eggers; Charles O. Rich; Willis H. Taylor, Sr.; Chester Waters, Sr.; Harrison A. Wigton; William A. Willard; G. Alexander Young, Sr.; and Mr. Darcy.

The mid-1940's brought the first hints of many changes to come in the next decade. Construction began on Childrens Memorial Hospital, and the entire western section of the campus was graded down. There were rumblings about the pros and cons of specialized residencies, and there was concern, new since the war, for the potential of psychiatry to help those disabled by mental illness.



Douglas County Hospital, ca. 1950.

World-Herald. December 18, 1946.

## Benefits Seen

Benefits Seen

If State Runs

If State Runs

Mental Ward

County Hospital Unit

Transfer Is Favored

By Board Chairman

Chairman Roman Hruska told

If the University of Nebraska Info Dublic health and Such an Arman said. Such an Arman said share benefits will result from the County Hospital will result from the County Hospital will result from the County Hospital will result from the County Board Chairman Roman Hruska told from the County Hospital will result from the County Hospital will be from the Libration of the County Hospital will be from the County Hospital will be f

As an example of the shortage.

Mr. Hruske did the fact that the
County has "simply not been able"
to hire a resident psychiatrist for
the County Hospital.

#### **Establishment of Psychiatric Services**

In December 1947, Dean Lueth and the Regents met with Douglas County Hospital officials to discuss ways which the University could provide medical care and psychiatric treatment for 130 indigent mentally ill patients housed at the hospital. The result, a little more than a year later, was the establishment of the Nebraska Psychiatric Unit at Douglas County Hospital, a joint facility of the State Board of Control and the College of Medicine. The first director of the unit was Dr. Dwaine I. Doan. He was succeeded in 1950 by Dr. Cecil Wittson, an energetic psychiatrist whose work at a large New York state mental hospital and in the Navy during the war brought him to Nebraska with high recommendations.76





Dr. C. L. Wittson.

World-Herald, December 15, 1946.



Dr. Chas. McLaughlin.



Surgery Residents and faculty, 1955 (l to r): T. Bilon, M. Musselman, L. DeBusk, H. Jourdan, J. Landry (Anesth.), K. Hachiya (Anesth.), J. Chilton (Sec.), D. Stroy, H. Davis, K. Kimball.

#### Residency Training

Planning for residency training was a high priority in the postwar years; this addition to the teaching program was demanded not only because of the example of other medical schools, but by the young faculty members returning from the war. To these young physicians and teachers, it was plain that wartime graduates needed specialized training that rotating internships alone could not provide. According to Dr. Charles McLaughlin, who was instrumental in establishing the college's first residency program, the proposal to begin a surgery residency

created a very interesting reaction from some of those senior men at the University, who were anything but favorable . . . when it was just proposed. The general reaction was that we had always gotten along and this idea that you had to have two, three, four or five more years training in a specialty was ridiculous and by gad, they weren't going to sit still for it.

We had a very traumatic general staff meeting at the University in which I was a rather vocal leader supporting the residency concept... We ended up with a flat declaration from the younger surgeons saying that we cared not what they were going to do but we were going to establish a residency, because we had to respond to the problems of our graduates who had been in the war. 77

While Dean Lueth, the Regents, and senior clinicians debated the residency concept to a stalemate, Dr. McLaughlin established a three-year surgery residency at Nebraska Methodist Hospital. Within a year, in 1947, a four-year residency was established at University Hospital, and McLaughlin shifted the residency to the University while continuing the affiliation with Methodist.

During these years, the Department of Surgery was run by an amiable quartet of surgeons: McLaughlin, Dewey Bisgard, Russell Best, and Herbert H. Davis; they divided the full-time task of supervising, directing, and teaching the residents. Dr. Davis served as chairman of surgery from 1949 until 1956; then a full-time faculty clinician Dr. Merle "Jim" Musselman was appointed chairman of the department.

With the door opened to the new residency concept, other residencies were quickly established during the late 1940's in internal medicine, obstetrics and gynecology, psychiatry, and pediatrics. By 1950, the University Hospital staff included 45 residents in the various specialties.

61



The University of Nebraska

"Our dilemma is clear-cut and simple, Dr. Lueth stated. 'It is entirely a financial problem. In recent years the budgets alloted by the State Legislature have made it impossible for us to keep up with the expansion of teaching, hospi-



Dr. F. Lowell Dunn, Chairman, Building Committee, 1953-1960.

#### Accreditation Threatened

World-Herald, May 13, 1949.

The changes at the College of Medicine were insufficient to stave off growing criticism of its quality. In the late 1940's, appropriations from the traditionally conservative Legislature were too small for needed improvements, let alone any ambitious expansion of the College of Medicine. Still, it came as a shock to all connected with the University when, on May 13, 1949, the World Herald carried the headline "U.N. Medical School Warned," "May lose its Rating Granted by AMA" again criticism focused on the lack of full-time clinical staff and the small number of beds in the hospital. Dean Lueth, responding to the criticism, blamed the small budgets granted to the college and hospital; he compared the medical college's budget of \$900,000 to the medical education budgets of neighbor states Colorado (\$3,200,000), Iowa (\$3,820,000), and Kansas  $(\$1,520,000).^{79}$ 

The AMA's warning that the College of Medicine's accreditation status was in danger served to awaken college officials, legislators, and University Regents to the College of Medicine's immediate needs for increased funding, reorganization, and expansion. The college building committee began a long period of study and planning for campus growth, first with Dean Lueth serving as chairman, then with Dr. F. Lowell Dunn leading the group.

Four legislators made a much publicized study of the medical college in late 1950; their report praised the management of the college, but cited the ever present problems of closed hospital wards and a shortage of clinical personnel occasioned by limited funds. 80 Dr. Dunn, interviewed in the Omaha World Herald, was more specific about the effects of continued short funding: The clinical facilities of University Hospital had actually shrunk since 1929, when the hospital had 230 active beds, to 197 beds in 1945; with recent closings, there were 145 active beds in 1951. Dr. Dunn went on to define the school's current and future needs: 1) a hospital capacity of 500 beds, 2) an auditorium, 3) a new medical library to replace the physically outmoded and hopelessly crowded one in current use, and 4) increased facilities for teaching and recreation.81 These priorities, with minor modification, were followed in the course of construction that would take place in the next 20 years.

Lueth, Dunn, and others who had taken up the cause did succeed in focusing public attention on the college and hospital's immediate need for physical expansion and increased operating support. The biennial budget granted the medical college for 1951-1953 was a considerably more generous \$2.5 million.

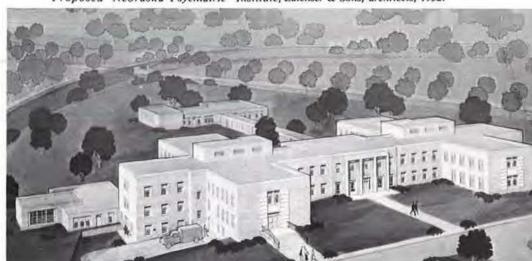
#### Nebraska Psychiatric Institute Planned

In late 1951, the Douglas County Board of Commissioners announced that the college's psychiatric unit would have to vacate Douglas County Hospital. The notice was unexpected and no deadline was given, but the College of Medicine began to explore other options for its psychiatric services. Most of the credit for the proposal to build the Nebraska Psychiatric Institute on the college campus must go to Dr. Cecil Wittson, who was Director of the psychiatric unit. At that time the State Board of Control, responsible for mental hospitals in Nebraska, proposed building an 1800-bed state hospital in Omaha; Wittson countered with an alternative that would be much less expensive, and would be attuned to the new trends in psychiatry. Wittson's proposal for a 100-bed psychiatric institute, with a triple mandate for service, research, and teaching, was extremely attractive to the University of Nebraska College of Medicine, the State Board of Control, and the State Board of Health. Each of the funding partners pledged \$500,000, and by August 9, 1952, the Board of Regents announced plans for the establishment of the Nebraska Psychiatric Institute on the campus of the College of Medicine at the cost of \$1.5 million, 82

Dr. Wittson's recollection of how he secured a commitment from the Board of Regents illustrates his great skills in using personal contacts and taking advantage of all opportunities to achieve his goals. As Wittson recalled in a videotaped interview at the Medical Center in 1980;

At that time the University football team started practicing in August. It was before they had spring practice. They went out to the University High School which was out in the sandhills. It was a boarding school for ranchers' children, and they were out there for a month, then they finally had the Red and White team game. All the Regents went out and held a Board of Regents meeting there. The executive secretary of the Regents was a good friend of mine. I had him put on the agenda, the last thing, money for the psychiatric institute. I asked for . . . half a million from the University. And he put it on last. I waited until the band was playing, the Regents wanted to go to the Red-White game, and one of them got up and said, "What's left?" And I said the little matter of the amount for the psychiatric institute, and one of them said, "I move that it be granted." It was quickly seconded and passed and the meeting adjourned. 83





#### Dean Lueth Resigns

In January 1952, Harold Lueth resigned as Dean to return to private practice. It had been a frustrating tenure for him, for he had neither the faculty support nor the personal power to push through all the changes demanded in the postwar era. No doubt because of the college's reputation for excellence and Poynter's successful tenure, Lueth did not expect the faculty discord that marred his Deanship. Nor did he expect the tightened supervision of College of Medicine affairs by the University of Nebraska Chancellor and the Board of Regents. Lueth's successor, Dr. J. Perry Tollman, noted Lueth's belief that a military, rather than political and personal, style of leadership was appropriate to the Dean's role. Bennett than political and personal, who liked Lueth personally, thought the Dean's lack of humor was his Achilles' heel. "In many respects," Bennett recalled, "he was ahead of his time in the ideas he had for the College of Medicine."

There were some real accomplishments during Dean Lueth's tenure. The Legislature and the public had been made aware of the college's needs; the budget had improved. Long-range planning had been done for further expansion, and there was a definite building plan on paper. The Clarkson Hospital Board of Trustees accepted the College of Medicine's offer of a site upon which to build their new hospital.



Dr. E. A. Holyoke and anatomy students Max Karrer and Mayer Maskovitz, 1951.



Cardiovascular research, Dr. John Barmore, ca. 1954.



Dr. J. Perry Tollman, Dean, 1952-1964.

# Medics Face 2 Problems The medical education commits mer to make appointed as thorough sum. Members have visited its met. Medical Industry of compare of the visits was to compare of the visits was to compare of the visits was to compare the states of the visits was to compare the states of the visits was to compare the states of the visits was to compare of the visits was to compare the states of the visits was to compare the states of the visits was to compare the states of the visits was the sociation, announced with states of the visits was to compare the states of the visits was to compare the states of the visits was to compare the states of the visits was the sociation. Survey and the visits of the visits was to compare the states of the visits was to compare the visits was to compare the states of the visits was to compare the visits was

World-Herald, January 8, 1953.

#### Perry Tollman's Term as Dean

To resolve the obvious problems of faculty discord during Lueth's administration, the Regents chose a homegrown physician to succeed him as Dean of the College of Medicine. J. Perry Tollman was born in Nebraska, had been granted his medical degree, and had made his career as pathologist and professor at the University of Nebraska College of Medicine. A mild-mannered, forthright, highly intelligent man, Dr. Tollman seemed admirably suited to face the issues that had to be resolved if the college was to move forward.

Tollman inherited the same controversies and administrative difficulties that had bedeviled Lueth's Deanship. There was the continual commuting to Lincoln to persuade University officials, Regents, and legislators that the 1950's were a new era in medicine and medical education and that the small charity hospital *cum* medical college was rapidly becoming obsolete. It became joltingly clear that this was not merely Tollman's opinion when the College of Medicine was put on "confidential probation" status in 1952. The Association of American Medical Colleges, and the American Medical Association made this judgement on grounds that were becoming familiar: the small size of clinical facilities at University Hospital (and hence the insufficient variety of clinical cases for teaching purposes) and the lack of full-time clinical faculty. <sup>86</sup> (The college's probationary status continued until 1956, when its fully approved status was restored).

The Nebraska State Medical Association appointed a survey team to compare the Nebraska College of Medicine to those of neighbor states. Again, the results were not surprising; in the words of Dr. Harold Morgan, association president, "We lag far behind." The University of Nebraska College of Medicine had the fewest full-time instructors of the state medical colleges in the seven states. Nebraska's 18 full-time personnel, 16 in basic sciences, 2 in clinical, compared badly to Colorado's 96, Iowa's 119, Kansas' 53, and Utah's 66.87

These facts quickly awakened public and legislative concern for the college's budgetary needs. In 1953, the Legislature adopted a special .25 state mill levy for a construction fund for the college and hospital. This levy was to produce \$750,000 each year until a total of \$6 million had been raised.<sup>88</sup> The biennial budgets granted by the Legislature grew dramatically throughout the decade, from \$2.5 million in 1951-53, to \$5 million in 1957-59. In addition, several large private donations helped to finance much-needed expansion of the college's research facilities.



Aerial view, campus, Clarkson Hospital under construction, 1955.



Drs. C. L. Wittson and J. P. Tollman at Nebraska Psychiatric Institute construction site, 1953.



NPI auditorium, large screen television projector in use, 1955.

#### Construction in the 1950's

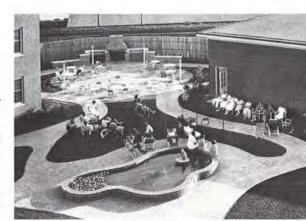
With this renewed support and interest, Dr. Tollman was able to initiate the building program of the 1950's. Nebraska Psychiatric Institute opened its doors in April 1955. Under Cecil Wittson's skillful direction, it soon attracted national attention for its innovative approaches to psychiatric treatment, training, and research. The building, with a capacity of 92 beds, also housed many innovative facilities including a section for the intensive study of psychiatric problems in children, day therapy areas for adults and children, and a special research ward and laboratory for study of metabolic factors in chronic mental diseases.

The Memorial Research Laboratory, built at a cost of \$200,000, initiated its animal research activities in 1957, and the new School of Nursing building was completed at a cost of \$1.2 million.

(Right) NPI patio for patient use, 1955.

(Lower left) Memorial Research Laboratory, from the north, 1957.

(Lower right) The laboratory, from the south, 1957.











Miss Kyle capping student nurse, ca. 1947.

#### School of Nursing Progress

The growth and progress of the School of Nursing was noteworthy during this era. Director Irma Kyle had guided the school since the retirement of Charlotte Burgess in 1946; in that time the nursing curriculum had been reorganized. The new curriculum emphasized the sciences, specialized techniques, and experiences in the postwar specialty areas of physical medicine and psychiatry. Practical clinical experience was more carefully taught and closely supervised.<sup>89</sup>

Miss Kyle caused a minor uproar when, unlike her predecessor, she chose to live in an apartment away from the nursing dormitory. She felt simply that the secluded and dependent role of nurses needed to change, and that was one step in the right direction. It was an independent gesture characteristic of a woman who, with no disrespect intended, felt that nurses should be more than "handmaidens to doctors." The curriculum she planned and put into practice was designed to effect just that change, for Miss Kyle foresaw the importance of nurses who understood the medical regimen and who could supplement the physician's observations with their own. 90

Throughout the 1950's and 1960's, evidence of the high quality of Miss Kyle's leadership was plain. Enrollment in the School of Nursing grew appreciably. With the completion of the new School of Nursing building in 1957, ample space was available for classrooms, offices, and student facilities. In 1956 the school began to receive almost yearly recognition for quality, as its graduates won high scores in nationally administered certifying exams.

Dedication, School of Nursing building, 1957. L to r, I. Kyle, B. Greenberg, C. Thompson, C. Hardin, P. Tollman. School of Nursing building from northwest, 1957.

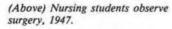












(Above center) New nursing arts laboratory, 1957.

(Above right) Nursing symbol designed by Katherine Nash.

(Right) Traditional capping ceremony for class of 1955, held March 29, 1953.



In the next ten years, the School of Nursing grew in the directions Miss Kyle had envisioned. A four-year B,S. degree program in nursing was approved in 1956. It received rather belated accreditation from the National League of Nursing in 1965, despite the fact that the school's graduates continued their exemplary performance in national examinations.91

The administration of nursing education was separated from University Hospital's nursing service during these years. Miss Carol Wilson became Director of the service component in 1963, leaving Miss Kyle free to devote full time to nursing education. It was a division of labor appropriate to the era: The numbers of both hospital nurses and nursing students had grown tremendously, and the task of supervising working nurses in the numerous specialized medical services had become distinct from that of guiding their education. Nursing education, as Miss Kyle had foreseen, had moved beyond the training school model to the college model, a transition that would be completed after Miss Kyle's retirement in 1967, under her successor Dr. Rena Boyle.

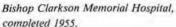
Nursing supervisors and instructors, 1953: (back, 1 to r) C. Wilson, L. Williams, C. Fleming, M. Hook, T. Muller, V. Warner, M. L. House; (front) G. Koons, M. Pollman, I. Kyle, A. Scholder.



Nursing student in the clinic, ca. 1947.









Nebraska Methodist Hospital, ca. 1956.

#### Appointment of a Full-Time Clinical Faculty

Despite the remarkable growth of the physical plant, the College of Medicine's fully accredited status remained tenuous. Although research and specialized service facilities had grown, failure to add hospital beds and sufficient full-time clinical staff continued to undercut the college's claims to quality medical education.

At this point the school entered one of the most distressing episodes in its entire history, the almost inevitable "Town and Gown" controversy that had already torn so many of the country's medical schools. The volunteer clinical staff had been the founders of the Nebraska College of Medicine, had been the backbone of its faculty and had borne the responsibilities for its quality since its origin over 70 years before. They had given unselfishly of their time, and not infrequently their money, to keep the school alive, and had contributed greatly in building the prestige the school enjoyed before World War II. Therefore, it was understandable that the volunteer faculty found it difficult to accept the fact that they must give way to a full-time clinical staff which would cost the taxpayers, including themselves, for services that they had rendered free of charge. Ideologically these physicians sensed a turn toward socialism in medicine, and they also felt there was unfairness in the proposition that the University would support physician competitors of theirs with their own tax dollars.

Some of the volunteer faculty also held the view that the state medical college should train and produce physicians who would eventually practice general medicine in one of the numerous Nebraska communities which needed physicians. They viewed the hiring of full-time specialist clinicians as a move toward academic and highly specialized medical training that would be of considerably less benefit to the people of Nebraska.

Right or wrong, with their combined political power both in the Legislature and the University itself, they frustrated all efforts to resolve the issues of hospital expansion and the appointment of full-time clinical faculty during the early years of the 1950's.

Prior to that time, a few full-time clinicians were appointed with little opposition. In the early 1940's, Drs. Willis Brown and John Gedgoud had joined the staff under the National Maternal and Child Health Care Act. Dr. Cecil Wittson had been appointed to the staff of the Nebraska Psychiatric Unit. However, when Dr. Lester O'Dell joined the college as Chairman of the Department of Obstetrics and Gynecology in 1950, his appointment was opposed and he resigned after a stormy year in that position. 92



Veterans Administration Hospital, completed 1950.

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Full-Time Instructors and number of trains Fewest in 7 States

The University of Nebraska The committee said College of Medicine has only 1920, basic aciences at about one-third as many full time have been taught almost full time have been taught almost full time factors. and one one and a many surfame have been raught aims ashoot in common was been ashoot in common was been ashoot in common when the second surface was a few as a second surface when the second surface was a second surface with the second surface with the second surface was a second surface with the second surface with the second surface was a second surface with the second surface with the second surface was a second surface with the second surface with the second surface was a second surface with the second surface with the second surface was a second surface with the s chool in seven near-by states. today, however, the till the medical education made fourth (clinical training the medical education). the is snown in a study made avair training training the medical education commit are taught mostly by tee of the Nebraska State Medical personnel.

Faculty shortages in

The survey team headed by Dr. Donald Steenburg of Aurora said Nebraska's Medical School has only 18 full-time personnel—
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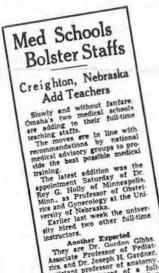
ing and technician scho equally serious, the co said. Fewest in Traini-The xe-

World-Herald, September 4, 1954.

Nevertheless, Dean Tollman did achieve a breakthrough of sorts in 1954, due in large part to his diplomatic skill. In an interview in 1979, Tollman recounted the way in which the full-time faculty issue was at least partially resolved.

> With the pressures that had been placed on the faculty . . . it was decided that full-time instructors in internal medicine, surgery, pediatrics, and obstetrics-gynecology must be recruited. Dr. Moody was Chairman of the Department of Internal Medicine, Dr. Herbert Davis in Surgery, Dr. Herman Jahr in Pediatrics, and Dr. Earl Sage in Obstetrics. With these men, and especially with the assistance of Dr. Leon McGoogan, a plan was drawn up proposing that well-qualified men should be brought into these departments, one to each of the four departments, in an Assistant Chairman capacity essentially for at least a year. If they were found to fit well into the faculty pattern, they would then become chairmen of the several departments.93

After this agreement in principle, search committees were developed in the respective departments to find capable men. These search committees finally selected Dr. Robert Grissom in internal medicine, Dr. Merle Musselman in surgery, Dr. Gordon Gibbs in pediatrics, and Dr. Roy Holly in obstetrics. The four were appointed during 1954, and each served the recommended year of probation and assumed the Chairman's position in their respective departments. This change was sufficient to impress the AMA's Liaison Committee on Medical Education; the stigma of "confidential probation" was removed, and the College of Medicine returned to its former fully accredited status in 1956.









Holly



Klabenes



World-Herald, June 16, 1956.

Musselman







Medical student with pediatric patient, ca. 1956.

#### Curriculum Changes

Against this background of controversy and expansion, there were other changes in the College of Medicine. The curriculum, which had remained almost unchanged since Dean Cutter's time, was now examined and revised. Even though it was not adopted formally by Nebraska, the Western Reserve System initiated in 1952 had its impact on the curriculum at the College of Medicine. Not only were the students' hours in the basic sciences reduced, the emphasis shifted to an approach that promised to integrate basic science and clinical subjects. This had always been done by the better basic science teachers, and now, it was hoped, students would become clinically knowledgeable at an earlier date. Thus they would gain time necessary to study new and hitherto neglected special areas of medicine, such as preventive medicine, public health, pediatrics, dermatology, and psychiatry. An article in the Omaha World-Herald in September, 1954, entitled "More Bedside Study Coming," told of the expanded clinical training being inaugurated for junior and senior medical students.<sup>94</sup> By the mid-1950's, medical students were not only gaining more bedside study and clinical experience, but also had more specialized subjects to master, and more research findings to assimilate as they strove to keep up with the incredible growth of medical knowledge.

#### Research Activity in the 1950's

By the middle of the decade, the presence of full-time clinicians and the development of new research facilities on campus began to attract a growing amount of research funds from the federal government and private sources. Dr. Musselman announced a total of \$190,000 in research funding for the year 1955, a great improvement over the \$60,000 attracted by the faculty in 1948. By 1959, research funding at the college reached \$1,711,000, with federal sources supplying 79%. 95





NPI administration staff (l to r, behind table): C. Wittson, H. Dickinson, J. Smith, A. Scholder, D. Mesner, T. Muller, P. Starr, T. Krush, L. Strough; (front) M. Thompson, G. Scofield, D. Dundon, C. Garetz, A. Mears, ca. 1957.





Child psychiatrist Dr. J. W. Rose with patient, 1955.



One-way mirror used in training of psychiatric residents, 1955.



Drs. M. J. Carver and J. Fitzgibbons study enzymes in blood of fetal animals, ca. 1963.

#### Growth of Nebraska Psychiatric Institute

Without a doubt, Nebraska Psychiatric Institute was the most active campus unit in formulating new research and training projects which focused national attention on the institute. Dr. Wittson had a remarkable gift for anticipating national trends in medicine and psychiatry, conceiving projects based on these trends, and then finding adequate funding to complete them successfully.

Wittson established the Nebraska Psychiatric Institute on the basis of his belief in the not-yet-widely-accepted premise that the future of psychiatry was in the use of new drugs and psychotherapeutic techniques to provide treatment to the mentally ill. Time proved him correct in his decision, as other centers across the country followed his lead. Wittson also felt that psychiatry should ultimately be taken from the institution into the community. Thaddeus P. Krush, M.D., joined the institute staff to pioneer such a community service program for Nebraska. Michael Carver, Ph.D., headed a research laboratory which studied the effects of new drugs and the biochemical causes of specific mental disorders. Robert Ellingson, M.D., Ph.D., joined the staff as Director of the Electroencephalography Laboratory and later became Director of Research for the institute. For these and many other activities and programs the institute was honored with the American Psychiatric Association's Mental Hospital Service Award in 1958.

To meet the need for manpower to give psychiatric care in Nebraska, Wittson established a five-year psychiatric residency training program with state and federal support; trainees served two years in one of the state mental hospitals as part of the program. Training was also provided for the other new professions developing to serve the new psychiatry. 96

Educational technology was used to carry out some of these programs. "Tele-conferencing," or the use of the telephone to present educational conferences to a number of participating locations, was first proposed by Wittson in 1955 and developed through the cooperation of the Bell Telephone Company. The system was used weekly to share the lectures of the institute's many nationally known visitors with other mental hospitals in four states. 97

The first two-way closed circuit television system in the U.S. was conceived by Dr. Wittson and developed and tested through grant support secured in 1963. This television system made possible face-to-face communication between Nebraska Psychiatric Institute and the Norfolk State Mental Hospital 110 miles away. 98

During the 1960's, other new research programs began at NPI. Because of Dr. Wittson's interest in the mentally retarded, Nebraska Psychiatric Institute quickly assumed national leadership in research and treatment programs. In April 1959, a Research Clinical Nursery for mentally retarded infants and children was opened. In 1960 a donation from the Swanson Foundation, combined with federal and state funds, made possible the construction of the Carl and Caroline Swanson Research Pavilion, which enlarged the institute by one-third. A federal grant of \$1,745,000 very shortly established one of the first Mental Retardation Research Centers in the United States, dedicated to the study of causes of mental retardation; the development and refinement of preventive, diagnostic, and treatment approaches; and the education of health professionals in mental retardation.<sup>99</sup>

(Right) Nebraska Psychiatric Institute with Swanson Research Pavilion on right, 1961.

(Below center) Van Johnson and Reba Benschoter in control center for NPI's extensive television system, 1965.

(Below right) Dr. Frank Menolascino uses twoway TV to treat patients at Norfolk State Mental Hospital, 1966.

(Below) Dr. H. Jahr and Gov. Ralph Brooks at dedication of Research Clinical Nursery, April 1959.









Dr. Henry M. Lemon, appointed 1961.



Eppley Institute for Research in Cancer and Allied Diseases, 1963.

#### Cancer Teaching and Research on Campus

The study of cancer and cancer therapy began at the College of Medicine in 1930. Dr. Howard Hunt was instrumental in the establishment of a tumor registry making it possible to follow cancer patients treated by the Department of Radiology. A cancer teaching program was established in the college in the late 1940's. This federally funded program was intended to provide current cancer-related information to both practitioners and students in the health sciences, thus narrowing the gap between discovery and application. <sup>100</sup>

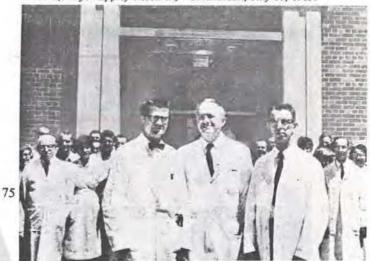
During Tollman's term, negotiations began with the Eppley Foundation regarding the possibility of support for the construction of a cancer research center on the college campus. Initially the foundation wished to fund a hospital for cancer patients. But according to Dr. Tollman, the point was raised that:

A great deal more could be done for many more patients potentially or actually suffering from cancer if this were to be a research institute with the work related . . . . to a better understanding of cancer, methods of prevention, and control. 101

This idea was accepted and funds from the foundation, the state, and the federal government were combined to build the Eugene C. Eppley Institute for Research in Cancer and Allied Diseases. The building, dedicated on June 10, 1963, housed modern laboratories and highly specialized equipment as well as an auditorium and other educational support facilities. Henry Lemon, M.D., was selected to direct the Eppley Institute; he began immediately to attract skilled scientists and search for funding for research activities.



Drs. J. Foley, H. Lemon and J. Lambooy with Eppley staff. "Broad Horizons for Eppley Research," Omaha Sun, July 11, 1963.



### Doctor Shortage Plagues Nebraska

By Pete Boughn

Nebraska's supply of doctors is dwindling

In 1952 there were 1,376 physicians practicing in the

Today there are 1,337 in active practice, a reduction of 39 during a decade that saw the state population increase by more than 100 thousand.

Yet the state is second only to the District of Columbia in the population ratio of stu-

Those questions are being General Practice to asked more frequently as the profession and the public

1952 NEB. 1962 POPULATION NEB 1,325,510 POPULATION 1,436,000 1.376 DOCTORS 1.337 DOCTORS -World-Herald Graph

A trend . . . Fewer doctors for more people. where are the graduates general practice has caused san example, the Nebraska Academy 1959 California As an example, from 1925



Student Vernon Ward with his preceptor, Dr. R. F. Sievers of Blair, 1954.

#### The Doctor Shortage in the 1960's

Tollman was acutely aware of the impact of the "doctor shortage" of the early 1960's, particularly as it affected the funding of the College of Medicinc. The shortage as seen by outstate legislators was real enough: Between 1952 and 1962, the number of physicians in Nebraska had declined by 40, while the population had grown by 100,000. In that same period, 60 rural communities had lost doctors; 11 rural counties had no doctors within their boundaries; and the doctor-patient ratio in non-urban Nebraska stood at 1 doctor per 1,330 persons, compared to the national average of 1 per 682. 102 Off-campus preceptorships had been established in the early 1950's which made it possible for senior medical students to spend 12 weeks assisting one of 30 family practitioners across the state who agreed to be preceptors. The length of the preceptorships grew shorter through the decade; by 1960 they were elective, and taken only during the summer. Despite much criticism and discussion in the press, this learning experience was not reinstated as a requirement for seniors until 1964. Although the required preceptorship did not guarantee that Nebraska graduates would return to rural practice, it did indicate that the college was increasingly aware of the seriousness of the doctor shortage and was willing to respond to the needs of Nebraska's citizens.

#### First Assistant Deans Appointed

Recognizing the importance of proper administrative emphasis on the student and the curriculum for quality medical education, Dean Tollman named James W. Benjamin, Ph.D., the first Assistant Dean for Student Affairs. He was succeeded by Mary Jo Henn, M.D., in 1963. At that time Warren Pearse, M.D., was appointed Assistant Dean for Curriculum Development and General Educational Administration.

Dr. Warren Pearse.



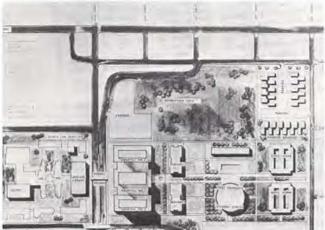
Dr. James Benjamin.













(Above) View east across 42nd Street, pedestrian and highway overpass.

(Above left) Proposed expansion, from the south. Three hospital towers in center.

(Left) Plan, showing expansion to 38th Avenue, between Harney and Jones Streets.

ARCHITECT'S RENDERING OF 1963 PLAN

#### The 1963 Building Proposal

Despite Tollman's success in healing the faculty divisions of the 1950's and leading the College of Medicine to growth and change, the Board of Regents' announcement of a new \$34 million building plan in January 1963 reopened all the old wounds. The plan had been prepared under the direction of Dr. Roy Holly, who had left the Department of Obstetrics and Gynecology to join University administration on the Lincoln campus. As Vice Chancellor for Medical Affairs, he had assumed responsibility for College of Medicine planning with little or no input from the college administration or faculty. At the heart of the new building plan were construction of a large hospital on the east side of 42nd Street and extension of the campus east to 40th Street.

When the plan was presented there was surprise and then anger. Many, including the college building committee, felt the new plan was unrealistic and impractical. The volunteer faculty were particularly incensed, and within a month they submitted the so-called "White Paper," a petition signed by 114 faculty members rejecting the proposal. According to Tollman,

A point which I sensed in the attitudes, particularly of voluntary faculty, never openly spoken but I think a very strong factor, was a fear that the strengthened faculty in the clinical departments, coupled with the new hospital facility, would be unwelcome competition to the practitioners of the city and to the affiliated hospitals. 102

Proponents of the new hospital pointed to certain discouraging statistics which raised the old specter of accreditation problems. At 145 beds, University Hospital was the smallest facility in the country associated with a medical college.

Bee News, January 21, 1927.

## HOSPITAL WITH No beds in 17

McMullen Failure to Ask Funds Hits University Wing.

The new wing of the University of Nebraska hospital in Omaha, recently completed, will from all indications remain idle and bare of equipment for two years at least, it was estimated here feday, due to the failure of the governor to include in his recommendations to the legislature a special appropriation for equipment.

The executive committee of the Chamber of Commerce, in a letter to Governor McMullen, urged him to recommend to the legislature a special appropriation of \$125,000, the sum necessary to make the building ready for occupancy. The appropriation granted to the University of Nebraska two years ago did not specify any amount to be used for the erection of the new wing, but due to the efforts of John R. Webster, regent from Omaha, one-third of the entire amount was granted for this purpose by the board of regents. There was, however, no provision for equipment.

Mr. Webster said today that Governor McMullen on Wednesday last informed him and Amos Thomas, chairman of the republican county central committee, who called to impress upon the governor that this was a matter of state charity and not a local or university matter, that he would not include the approprifton in his list of recommendations.

"It now seems," said Mr. Webster, "that the building will remain isle until the appropriation is granted by the state or it donated by private individuals."

#### **Hospital Problems**

Dean Tollman was very much concerned about the size and the financial state of University Hospital — so essential in clinical education. Obviously, the hospital had fallen on hard times. Chronic shortages of funds and administrative problems had left it with only a few more than its original 130 beds.

As has been noted, from its opening on September 3, 1917, the hospital was seen as an important element of medical education and a valuable service facility for Nebraska citizens. But the seeds of future problems lay in the hospital's purpose, stated by the University Board of Regents, the governing body of the hospital:

The Hospital for the University of Nebraska at Omaha is not founded with the idea of receiving patients who are able to pay for special medical and surgical care. Worthy sick . . . shall be admitted upon receipt by the hospital authorities of a written application, stating that the patient needs medical or surgical attention, and that he is unable to pay for professional services at the hospital. 105

The hospital prospered during its first decade, and the College of Medicine administration requested funds to expand the building.

When Unit II opened in 1927, University Hospital's capacity rose to 250 beds. But soon the Depression dealt the hospital a staggering blow, from which it would not recover for nearly 30 years.

By 1930 the first closing of wards at the hospital had taken place. A ward originally assigned to psychiatry was converted to interns' quarters. Throughout the Thirties and Forties operating funds remained inadequate, wards were closed, and hospital occupancy declined. Even the national economic recovery had a negative effect on University Hospital; fewer people could qualify for admisson as indigents.

The Legislature did attempt to give the hospital some financial relief by passing a law that required Nebraska counties to pay for the care of their residents admitted to University Hospital. Counties were to pay two-thirds of the cost of hospital care, not to exceed \$4 per day. This rate was the estimated cost of care above the costs of medical education. The provision of the original hospital enabling act remained: Only indigent patients could be admitted to University Hospital, and they could not be asked to pay for the services. <sup>106</sup>



ber 26, 1959.



Model showing proposed hospital area, 1954.

Throughout the early years, Deans of the College of Medicine served as administrators of University Hospital. In 1953, Duane Johnson, the University's first professionally trained hospital administrator, was appointed. He was succeeded by Edwin Ross in 1966.

After much planning by the building committee, headed by Dr. F. Lowell Dunn, construction began in 1958 on a third unit of University Hospital, adjacent to the existing hospital on the northwest. The original plans called for Unit III to house 150 patient beds, clinics, surgical areas, the library, and an auditorium. It was expected to be adequate for 10 years, at which time Unit I was to be removed and a new building constructed in its location. 107

But the addition actually constructed was much smaller than planned. When Unit III opened in 1962, it contained no patient beds. Its three stories housed the emergency room, clinics, the pharmacy, radiology and pathology departments, classrooms, and administrative offices.

Shortly after the construction was completed the 1963 proposal to build the new hospital east of 42nd Street was revealed. The hospital's future status once again looked uncertain. Senator Terry Carpenter of Scottsbluff, who had originally sponsored the hospital building legislation, forced a compromise which effectively killed the idea of expansion to the east. Nevertheless, the need to expand hospital facilities was as urgent as ever, but would have to await new plans, and a new alignment of political forces.



Aerial view, new hospital, from southwest, 1961.

Dr. Poymer Ca Father of Hospital

Dr. C. W. M. Poynter, Dean Emeritus of the University of Nebraska College of Medicine, Tuesday was hailed as the "father of the Childrens Memorial Hos-

He was honored at a meeting of the board of trustees at the hospital. Speaking for the board.
Mrs. Mary Elaine Morsman said:
"Dr. Poynter's imagination, interest and untiring work made this
hospital possible. We sincerely
appropriate his afforts."

terest and untiring work made this hospital possible. We sincerely appreciate his efforts."

Dr. Poynter said he "hadn't been able to get his eyes away from a children's hospital here for many years." He expressed the belief that "Omaha's need for a children's hospital was so great, some good angel would have come along and built it.

The board presented a gift to Dr. Poynter.

Dr. Poynter.



Aerial view, Children's Complex, from southwest, 1961.

World-Herald, March 18, 1948.

#### The Children's Center Concept

Concern for the health needs of children and the cooperation of several public and private agencies led to the construction in the 1950's of a "children's medical center" on the College of Medicine campus. Dean Poynter had been much involved in the initial planning of Childrens Memorial Hospital built in 1948 and this private pediatric hospital was affiliated with the College of Medicine.

Under Tollman, further development of special service facilities for children began. In 1956, directors of the Hattie B. Munroe Home concluded an agreement with the University and constructed a three-story residence for handicapped children on the campus. The Munroe Home, founded in 1922 in memory of Mrs. Munroe by her husband and sister, had previously been located in a 10-room house in the Benson area of Omaha. 108 The Omaha Public Schools opened the Dr. J. P. Lord School at 330 South 44th Street in 1957. Named for the orthopedic surgeon who was prominent on the faculty of the College of Medicine, the Lord School for the physically handicapped had operated since 1938 in a classroom in the Field Club School. <sup>109</sup> In 1958, the C. Louis Meyer family established the Meyer Therapy Center and constructed a three-story building at the corner of 44th Street and Dewey Avenue; it opened in 1959. 110

During the 1950's, the children's facilities were devoted to the treatment of young polio victims. When vaccine eliminated the major threat of that disease, the focus of the three institutions shifted to other problems of children and new programs were developed to diagnose and help the handicapped child.

Meyer Children's Therapy Center, south entrance.

Hattie B. Munroe Home, south entrance.









Detail of frieze, Hospital, Unit III, north, 1961.

University Hospital, outpatient and ambulance entrance, Unit III, 1961.

In all of this impressive expansion, Dr. Tollman was the tactful and unobtrusive leader. He understood well the national trends in medicine and medical education during this era, and saw his role as one of guiding the forces already set in motion to bring both change and growth to the campus.

Dr. H. Gifford, ophthalmology chairman, and technician Lucy Lipp discuss eye preparations for microscopic study, ca. 1964.



(L to r) Asst. Dean J. Benjamin; Dr. J. R. Schenken, chairman, Pathology Dept.; and Dean Tollman, ca. 1961.

Dr. D. Harman titrating for free fatty acids in serum, biochemistry laboratory, 1962.



Dr. Tollman receives \$1,000 from Nebraska Lions Sight Conservation Foundation to establish first eye bank in Nebraska, December 7, 1961.



(L to r) Drs. A. L. Bennett, M. Hendrickson, and A. R. McIntyre in physiology laboratory, ca. 1960.

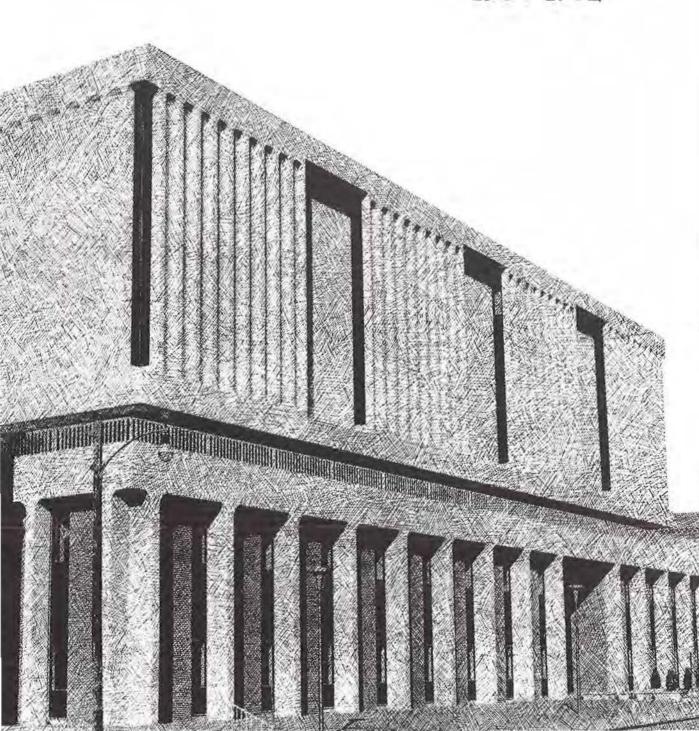






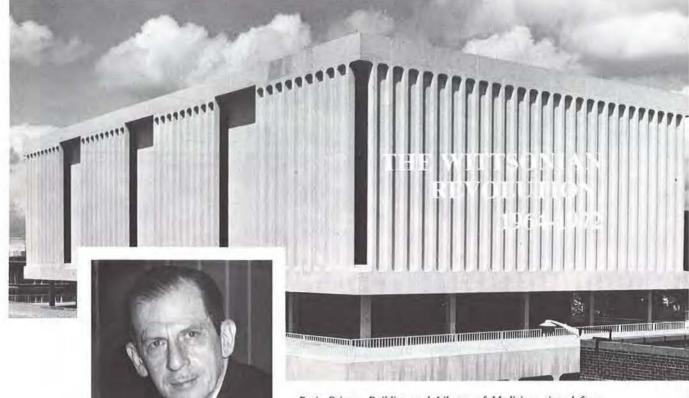
Aerial view, campus from southwest, 1961.

# THE WITTSON REVOLUTION: 1964-1972





Basic Science Building, east entrance, ca. 1972 (named Wittson Hall to honor Dr. C. L. Wittson at his retirement, February, 1972).

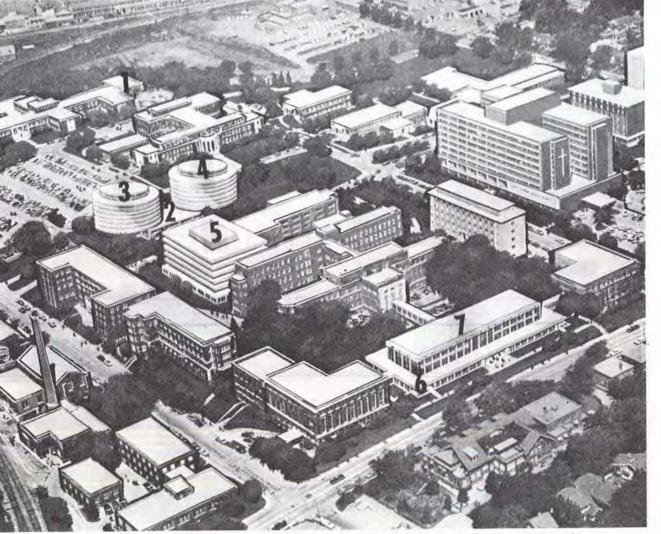


Basic Science Building and Library of Medicine, viewed from southwest. Level 5 between the buildings provides space for administrative offices of the college and the Medical Center.

Dr. Cecil L. Wittson, Dean, 1964-1968.

In June of 1964, Dean Tollman resigned after an effective but trying 12-year tenure as Dean. The political impasse on hospital expansion and the renewed accreditation problems were remaining challenges after his departure. The Regents turned, after considerable discussion, to Dr. Cecil Wittson, Chairman of the Department of Neurology and Psychiatry and Director of Nebraska Psychiatric Institute. He agreed to accept the Dean's office if he were given control over the administration of the College of Medicine, responsible only to the Chancellor of the University and the Board of Regents, and if the college could present and defend its own budget request to the Legislature. These conditions were agreed upon, and Dr. Wittson was appointed Dean of the college in August 1964.

Wittson brought to the Deanship all the skills and experience he had developed in leading Nebraska Psychiatric Institute to national prominence. Although quiet and reserved to those who did not know him well, Wittson had the ability to awaken interest and generate enthusiasm, involvement and action in those around him — his faculty, the Legislature and even federal health agencies, as he sought support for his efforts to build the College of Medicine into a modern Medical Center that could provide health care and education to the citizens of Nebraska.



Dr. Wittson's Master Plan for Campus Development, 1965. (1) NPI research wing, (2) Medical Amphitheatre, (3) Ambulatorium and Parking Tower, (4) Continuing Education and Parking Tower, (5) Teaching Hospital and Clinic, (6) Basic Science Building, (7) Library.

#### New Plans for Expansion

After his appointment Dr. Wittson moved with characteristic speed to seek solutions to the problems facing the college. In January 1965, he announced a new six-year building plan which was not only ambitious but politically astute. Wittson projected the construction of a new basic science building, a "small but superb" hospital, and a new library to house the college's 130,000 volumes. In doing so, he was promising an expansion of classes to produce more physicians, a hospital which was politically acceptable to the Omaha medical community, and an emphasis on educational programs which would lay to rest all doubts about the College of Medicine's commitment to excellence. In June 1965, the Legislature approved an expanded building plan of \$15.3 million. 111

In addition to his progress with building plans, Dr. Wittson began recruitment of more full-time clinical faculty and reorganization of the administrative structure of the college and hospital. On the basis of these changes, and the promise of Wittson's energetic leadership, the college was granted full accreditation for three years in 1965.

Wittson's victory on behalf of the College of Medicine was completed in January 1966, when an \$8.1 million federal grant was awarded to complete his three-phase building plan.

Phase I included construction of a hospital and the remodeling of the old hospital units, I and II. Phase II provided for the new Basic Science Building, renovation of the North Laboratory Building and remodeling of Conkling Hall. Phase III included the building of the Library of Medicine and remodeling in Unit II to create a biomedical communications center that would provide campus-wide media production and distribution services. 112

#### **Construction Begins**

In 1967, ground was broken for the new hospital and the Basic Science Building, and remodeling of Conkling Hall began to provide temporary offices for departments displaced by remodeling and construction elsewhere. In October of that year, a 39-bed pediatric unit located in remodeled Unit II, level 5, was dedicated as the Herman Jahr Pediatric Pavilion in honor of the distinguished former chairman of that department. Construction was started on the \$200,000 Eppley Radiation Research Center, an extension of the hospital's radiology department. This facility would add to the college's capability to carry out cancer therapy and research. A regional center for the treatment of patients with emphysema was established with funding from the Vocational Rehabilitation Administration. In November 1967, the Regents announced that federal and other grants to the College of Medicine had reached a record high of \$3.9 million.







(Upper left) Groundbreaking for new hospital and Basic Science Building, January, 1967. Front row: Chancellor C. Hardin, Governor N. Tiemann, Drs. F. Smith and C. A. McWhorter.

(Above) Eppley Radiation Research Center under construction, underground between Hospital Units II and III. Viewed from the north, 1967.

(Left) Dr. I. Kass, Director, tests breathing capacity of a patient in the regional emphysema center, ca. 1969.

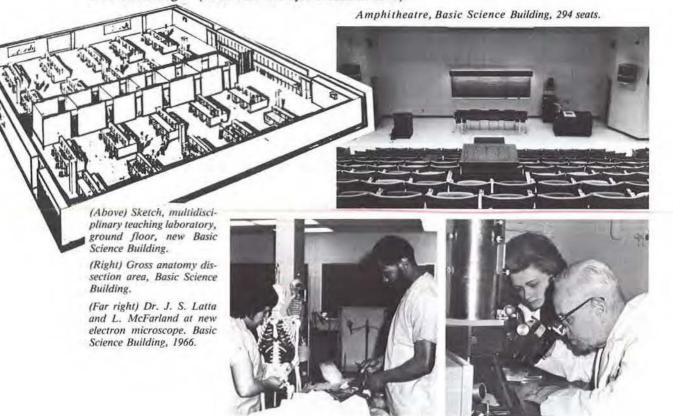


Participants, Future of Medicine Symposium (l to r) Dr. C. Wagner, Asst. Surgeon General, HEW; Dean Kugel; Dr. J. Millis, Chancellor, Case-Western Reserve University, April 18, 1969.

#### **Dedication of Basic Science Building**

On April 18, 1969, as part of the College of Medicine's celebration of the University of Nebraska Centennial, the new Basic Science Building and the hospital addition were dedicated with a full-day symposium on "The Future of Medicine."

Despite changes in medical education and the growth of the student body, the North and South Laboratory Buildings had continued as the primary teaching facilities in the basic sciences since 1919. Wittson recognized that more space and new equipment were necessary to support this most essential core of medical education. The new building provided offices and laboratories for the departments of anatomy, microbiology, and pathology as well as a 300-seat auditorium and a variety of specialized teaching facilities. The biochemistry and physiology departments remained in the recently remodeled South Building, and a new Department of Pharmacology would occupy remodeled space in the North Building<sup>113</sup> (to be named Poynter Hall in 1970).









Bernice Hetzner, Librarian, 1947-1973 (Photo, 1954).

#### **Library Construction**

In 1927 the College of Medicine Library had been moved to "temporary" quarters in Hospital Unit II. As the college grew, the 100-seat reading room on level 4 and the stack areas below were taxed to capacity. Despite space problems an excellent collection was developed, including a number of rare books donated by alumni and friends of the library. Phillip S. Moe served as librarian from 1940 to 1948. When he was succeeded by Bernice Hetzner the collection totalled 56,000 volumes and 586 periodical subscriptions. For the next 20 years the library continued to grow and build its reputation for service despite inadequate quarters. In the mid-sixties, at Dr. Wittson's urging, Mrs. Hetzner and her staff began planning a new facility. As soon as the Medical Library Assistance Act was passed by Congress in 1965, Wittson was quick to submit a construction grant application. In 1968, a \$1.6 million grant was awarded to support the construction of the new building. A fund drive among alumni, led by Dr. Leon S. McGoogan, raised \$385,000, and the Legislature appropriated the remainder needed. In July 1970, Mrs. Hetzner and her staff moved into the new library which contained approximately 65,000 square feet for patron service and library operations. Special features of the library included a learning center for use of instructional media and facilities to house the growing rare book collection.



Stacks and study area, level 7, new Library of Medicine, 1970.



Crowded stack area, lower level, library, hospital Unit II, north wing, 1967.



Dedication of Library of Medicine, May 7, 1971. (I to r) Dr. M. Cummings, Director, National Library of Medicine, Mrs. Hetzner, Chancellor D. Varner, Dr. C. Wittson.









Dr. Leon S. McGoogan.

The new building also provided an administrative locus for the Mid-Continental Regional Medical Library Program, which had been established in 1968 with Mrs. Hetzner as its director. This regional library gives service to and coordinates medical library activities in a seven-state region. In recognition of her accomplishments in the field of medical librarianship Mrs. Hetzner was appointed to serve on the Board of Regents of the National Library of Medicine in 1971. When she retired in 1973, she was succeeded by David Bishop in 1973 and Robert Braude who assumed the directorship in 1978.

The present holdings for the library include approximately 180,000 volumes and 3,370 serials subscriptions. In 1980, the library was named the Leon S. McGoogan Library of Medicine to honor Dr. McGoogan for his fund-raising efforts and his private gifts to the library. 114



(Above left) Learning Resource Center, 8th floor, houses large collection of audiovisual materials for student and faculty use.

(Above center) Alumnus Dr. Robert J. Moes, donor to the rare book collection, inspects one of the volumes in the collection, ca. 1968.

(Left) First floor, library. Circulation desk, ca. 1970.



Proposed University Hospital, ca. 1966.

#### The New University Hospital

As previously noted, an important part of Wittson's building program was the construction of a "small but excellent University Hospital." Remodeling of the existing wards was completed in 1966, and early in 1967 ground was broken for the new hospital addition, planned to include the most up-to-date facilities for patient care and treatment; this unit was completed in 1969, raising the hospital's bed capacity to 285.

The Legislature also moved to give the hospital more financial independence. With the coming of federal Medicare and Medicaid legislation in the middle 1960's and the increase in private health insurance coverage, new impetus was given to the issue. The Legislature removed the restriction that University Hospital patients must be indigent, and encouraged the hospital to become self-supporting through charges to patients and third-party payers.

In 10 years, the financial position of the hospital and clinics shifted dramatically toward self-support. In 1966, approximately 80% of the cost of operation was supported by legislative appropriation. By 1976, 85% of the costs were covered by revenue from patient charges. Richard C. Schripsema, hospital administrator from 1966 to 1974 and Vice Chancellor and administrator from 1972 to 1974, supervised the change. His successors in the administrator's post, Douglas Peters and Robert Baker, have moved the hospital closer to self-support, while building a new image focusing on the hospital's role as a center for highly specialized health services, serving Nebraska and surrounding states.

(Right) R. E. Connor in new pharmacy area, ca. 1970.

(Far right) New hospital, typical semi-private room, 1970.

(Below) Surgery recovery area, Level 1, hospital, ca. 1970.

(Below right) Dr. Y. Miyazaki with high-risk infant, ca. 1968.

















(Above left) Dr. Paul Pearson, Director of MCRI since 1967.

(Above) MCRI Mary Luman Meyer wing, view from south, 1972.

(Far left) MCRI patient in pediatric dentistry clinic,

(Left) Duane Kliewer, physical therapist, works with handicapped child.

#### Continuing Growth of Services for Children

In 1967 negotiations were completed and the Board of the Meyer Therapy Center deeded the facility to the University of Nebraska Medical Center, and Dr. Paul Pearson was named Medical Director of the therapy center and Meyer Professor of Child Health. In 1968, the therapy center's programs combined with those of the University's Handicapped Children's Clinic to form the Meyer Children's Rehabilitation Institute (MCRI).

The institute established as its broad goals: providing interdisciplinary education for personnel in health, education, and vocational fields needed in services to children with handicaps; demonstrating exemplary interdisciplinary service programs; and carrying out basic and clinical research on the prevention and treatment of handicapping conditions in children. As programs and services grew, MCRI adopted the additional goal of serving as a statewide resource center for state and community agencies. In its teaching role MCRI now provides experience for students in all of the health care professions at the Medical Center and for students in related fields from the University of Nebraska at Omaha.

In 1972 the MCRI building was expanded with the help of a \$175,000 grant from the Meyer-Ceco Foundation. The Mary Luman Meyer wing provided much-needed space for expanded diagnostic and therapy services. In the five years of the institute's existence, the staff had increased from nine full-time employees to 50 professional staff members. By 1980, the number of full-time employees had grown to 163. 116

The directors of the Hattie B. Munroe Home entered into a contract with the University in 1968, under which the Munroe Foundation retained ownership of the facility and contributed funds for operation of programs planned and staffed by the University of Nebraska Medical Center. The home's name was changed to the Hattie B. Munroe Pavilion. For several years, the pavilion continued to provide care for handicapped children who needed services at MCRI and the J. P. Lord School, but whose homes were too far away for commuting. As the need for such care declined, the pavilion became the location of several Medical Center programs which were established to provide specialized services to children with handicaps.<sup>117</sup>



Dr. Philippe Shubik



Dr. H. Garcia, Eppley scientist, studies circulation and structure in hamster cheek pouch, ca. 1970.



Dr. S. Mirvish in his Eppley Institute laboratory.

#### Shubik Research Team to Nebraska

During this era there was continuing emphasis on expanding Medical Center research activities and funding in all health science areas. Dr. Philippe Shubik, internationally known cancer researcher, became Professor of Oncology and Director of the Eppley Institute in July 1968. When he arrived from the Chicago Medical School Institute for Medical Research, he brought with him 54 of his research staff, \$1 million worth of specialized research equipment, and more than \$1 million in research funds. Over the next several years this institute, under Dr. Shubik's direction, would build an international reputation for its extensive research into the environmental causes of cancer. In 1978 the institute reached a new high in outside research funding with \$3.4 million in support of its many cancer research projects.

In early 1969 plans were drawn for additional animal research space adjacent to the Eppley Cancer Institute. With a promise of funds from the Eppley Foundation, the North Building amphitheatre was demolished, excavation was done, and pilings were driven for footings. Then construction stopped while Dr. Wittson searched for the \$2 million needed to complete the building. In July 1971, construction resumed and the Eppley Hall of Science was dedicated on June 22, 1973.

Dr. Linda Malick at the electron microscope, Eppley Institute, ca. 1975.



Hamster lung, electron microscope, magnification 850x.



Rural Medical Day: Nebraska communities sell the advantages of rural living to Medical Center students, April 1971.









Dr. Francis Land, ca. 1972.



Dr. Margaret Faithe supervising patient examination in Family Practice Clinic.

#### Rural Health

Throughout his years as Dean and Chancellor, Dr. Wittson was very much aware of the need to provide more health manpower and better health care to rural Nebraska, if legislative support of the Medical Center were to remain strong. Soon after Wittson became Dean, Dr. Fay Smith, a well-known family practitioner from Imperial, was appointed to the first Professorship of General Practice, one of three such positions in the nation.

The Division of Family Practice was created in 1969 and was given new status as a department in 1970 with Francis M. Land, M.D., as chairman. Dr. Land's success in getting philosophical support from other college faculty and Nebraska physicians and financial support through federal grants resulted in rapid growth of the programs of the department. The family practice residency was established and residents began to train at hospitals in Scottsbluff, Kearney, Crete, and Friend.

Dr. Land was also involved in the early planning for the physician's assistant training program, and played a key role in setting up an innovative bachelor's degree program in the College of Medicine for physician's assistants training in the School of Health Care Sciences, Sheppard Air Force Base, Texas.

W Street Clinic, family practice resident with patient, 1972.

(Far right) Dr. P. Mooring explaining heart structure to participant in Family Practice Review course, March 1972.







(Above) Eppley Hall of Science, entrance to Continuing Education Center, 1973.



Continuing Education auditorium with participant materials in place for course, 1977.



Lobby, Continuing Education Center, 1977.



R. MaCallum, B. Zwirlein and R. Moutrie prepare for a telephone conference to Nebraska hospitals, 1977.

#### **Continuing Medical Education**

Because of the college's firm belief in the importance of continuing education to the health care practitioner, two of the five floors of the new Hall of Science provided the first permanent home for rapidly expanding continuing education activities.

Medical meetings had been sponsored by the college through the years on a rather informal basis. For a time the Alumni Association had sponsored annual clinical reviews. In the mid-1950's, Larry Cappiello, H.S.D., was appointed director of public information and continuing education. In 1965, when Dr. Fay Smith joined the faculty, he also served as coordinator of continuing medical education. Carl Potthoff, M.D., assumed the responsibility after Dr. Smith's death in 1968. A full-time adult educator, Robert R. Moutrie, was hired in 1969 to coordinate the College of Medicine's continuing education offerings and to promote additional programs in other colleges and institutes. Moutrie also assumed responsibility for the planning of the new continuing education center in the Eppley Hall of Science.<sup>118</sup>

## Other Expansion Plans

In 1969 the Nebraska Lions Clubs announced plans to build a \$250,000 eye institute on the Medical Center campus on the south side of Units I and II of the hospital. That same year state and federal funding was identified for the Chancellor's last large expansion project, the new College of Nursing, a \$3.4 million building to be built on the southeast corner of 42nd Street and Dewey Avenue.

In 1971 Dr. Wittson began planning an Ambulatorium, a new clinic building to relieve the overcrowded conditions resulting from the huge increase in outpatient visits each year. A grant application was submitted but not funded, delaying construction until the mid 1970's.



Resident D. Lower provides clinical instruction to L. Burger and R. Wigton, medical students, internal medicine service, 1968.



Dr. G. Beddoe, ENT resident, with patient, 1968.

### Expansion of Residencies and Other Programs

The number and size of residency training programs increased rapidly in the second half of the 1960's. In addition to the residency in family practice, programs were established in oral surgery (1967), neurology (1968), orthopedics (1969), and urology (1970). The Nebraska Psychiatric Institute inaugurated post-residency training in child psychiatry. By 1970, the number of residents undergoing specialty training in the College of Medicine had reached 149.

Concurrent with the expansion of residencies, there was an increase in the number of health science students enrolled on the medical campus. With Dean Wittson's encouragement, new and existing allied health programs assumed more importance and the first Associate Dean for Allied Health Professions was appointed. The nursing school also expanded its classes. As Wittson had promised, the number of medical students grew from 349 in 1967 to 423 in 1970. By 1972 the total enrollment on the medical campus reached 1,218, with 472 medical students.

#### **Administrative Restructuring**

During these years of growth and expansion from College of Medicine to Medical Center, the Omaha campus was still administratively a part of the University of Nebraska in Lincoln. In 1968 plans were made to add the University of Omaha to the Nebraska University system; the resulting administrative reorganization officially recognized the Medical Center as a semi-autonomous unit of the University of Nebraska system.

These changes brought new titles and new administrators: In March 1968 Dean Wittson was appointed President (a title changed to Chancellor in 1971). Dr. Rena Boyle became Dean of the School of Nursing; Dr. Merrill Eaton, Director of the Nebraska Psychiatric Institute, and Dr. Robert B. Kugel, Dean of the College of Medicine in January 1969.

Chancellors at merger convocation: Dr. C. Hardin, UN-L; Dr. K. Naylor, UNO; Dr. C. Wittson, UNMC, November 29, 1967.

Dr. Merrill T. Eaton







Dr. Robert B. Kugel, Dean, 1969-1974.



## Dean Kugel's Goals for the College

Dr. Kugel had come to the College of Medicine as Chairman of the Department of Pediatrics in 1965. He had a national reputation for his active involvement in formulating federal programs for the mentally retarded and served on the President's Committee on Mental Retardation. Rather reserved and low key, Dr. Kugel quietly set about supporting and enhancing those programs begun by Dr. Wittson. Resources were identified to strengthen the basic sciences program and increase faculty numbers; a commitment was made to the growth of continuing medical education both on and off the campus; and available federal funds were secured to build College of Medicine programs and facilities and to support curricular changes.

Both Wittson and Kugel were especially concerned with primary and preventive health care and with the need for strong outpatient services. Off-campus community clinics were proposed as a way to provide better health care to the population, and more realistic experiences to students and residents. The first such clinic was opened at 3018 W Street in Omaha, in 1969. Within six years, family health centers were also established in North Omaha and central Omaha.

(Right) Dr. Kugel receives first campus photo ID card from George Pfau, May 1973.

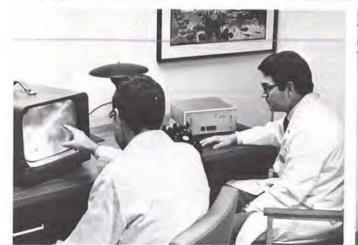
(Far right) Family practice clinic at 3018 W Street, 1969.

(Below) Drs. W. J. Wilson and R. K. Harned review X-rays sent via telephone from Broken Bow, Ne., Slow-Scan TV Project, ca. 1973.

(Below, right) Dr. Kugel and Mrs. Hubert Humphrey visit NPI MR Research Unit, February 1967.

















(Upper left) Dr. M. Quaife and student with new dual rectalinear scanner, ca. 1969.

(Above) Biomedical Communications Center. J. Ressegieu directs production of program in color TV studio.

(Far left) D. Blackwell observes as Dr. G. Gibbs administers a pulmonary function test for cystic fibrosis research, 1968.

(Left) Center for Human Genetics. Dr. J. Eisen takes frozen sperm cells from liquid nitrogen, ca. 1972.

#### Chancellor Wittson Steps Down

By the end of Wittson's eight-year tenure in 1972, the physical growth of the Medical Center was striking, and many saw it as Wittson's greatest achievement as Dean and Chancellor. However, he had also brought about the evolution of the College of Medicine into a Medical Center, a complex organization with the college as one vital part. These more difficult and less visible changes in the institution had broadened the scope and increased the potential of the College of Medicine to train health manpower, carry out research, and give service in the medical sciences. The direction had been set and the foundation had now been laid for a medical center, capable of growing and responding to the future health care demands of the State of Nebraska. For Chancellor Wittson, who had moved successfully from practicing psychiatrist to medical administrator, age 65 did not mean retirement. He immediately began a new career as a consultant in hospital construction for an Omaha-based architectural firm.

Omaha Sun newspapers chose Dr. Wittson "Man of the Year," December 29, 1966. Photo at right from

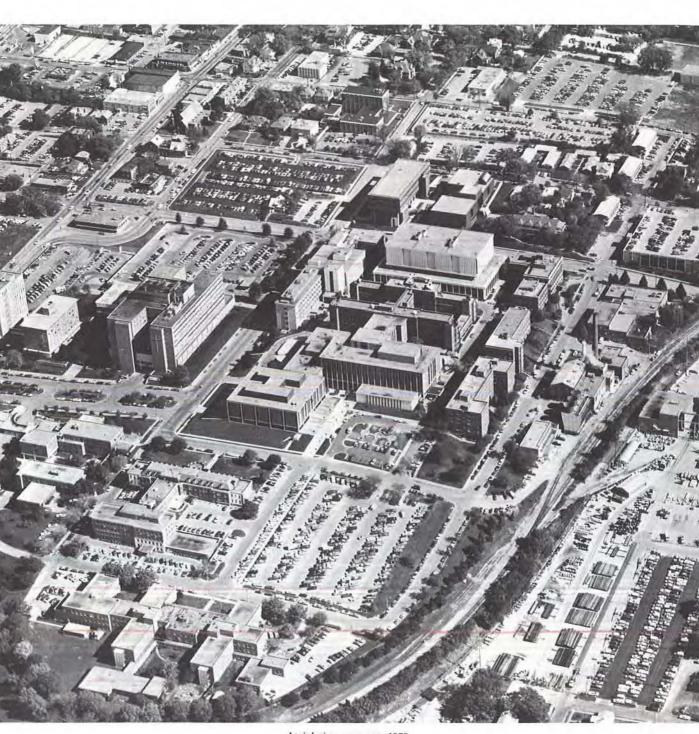
rosident Edward

Sun story. Med Hall Will Be Named for Dr. Wittson Omaha in - The man relin World-Herald, of Nebraska University of Nebrask Medical Center will have building named after him. January 26, 1972. bring a dinner Tuesday During a dinner Cecil L night homoring Dr. Cecil L. Board of Regents has 98 the N.U. Board of Regents has prepared a resolution naming the Rasic Science Building as

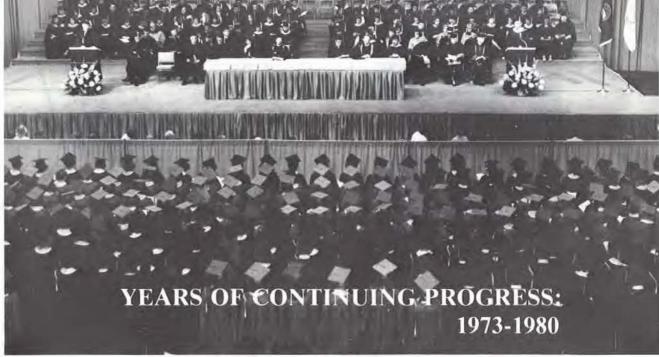


# YEARS OF CONTINUING PROGRESS 1973-1980





Aerial view, campus, 1979.



Medical Center Graduation, Omaha Civic Auditorium, May 1979.

#### The Last Decade

After the great growth and many changes that took place during Chancellor Wittson's tenure, the remainder of the decade of the 1970's was primarily a period of strengthening programs and reaffirmation of the University's basic commitments of education, service, and research. In the early 1970's, there were continuing serious shortages of health care professionals in the rural areas of Nebraska, and the state looked to the Medical Center to supply manpower to give primary care. At the same time, the Medical Center needed to maintain and expand its capacity to provide highly specialized tertiary medical care, both as a service to patients and for its importance to the educational programs and research activities.

#### **Student Concerns**

During this period students began to assume new roles in the educational process; student government became more active, and students were appointed to various college committees and given non-voting representation on the Board of Regents. Student activities outside the classroom became more goal oriented — organized to pursue such interests as the history of medicine, rural health manpower problems, or physical fitness.

Through the years few black or other minority group medical students had been enrolled in the College of Medicine. In June of 1970, concerned members of the Medical Center faculty, student body, and administration formed a Committee on Minority Student Affairs with the aims of increasing the number of applications from minority students and of retaining those students accepted into health careers training. In 1976 Anece M. McCloud was appointed the first Minority Student Affairs Officer. This Medical Center-wide office has worked to continue the successful activities of the committee and to develop many other programs for minority students.



Dr. Robert D. Sparks, Chancellor, 1972-1976.



### Sparks Appointed Chancellor

Dr. Robert Sparks was named Chancellor of the Medical Center on July 1, 1972. His personality was well suited to the complex corporate-style governance of the institution. The center's growth, emerging constraints on funding, and new public demands for accountability required that the Chancellor be skilled at reconciling various points of view and at delegating power to bring about progress. During his tenure he would further strengthen the administrative structure of the Medical Center and continue to build the good relationships that Wittson had established with the Legislature. Cooperation with Creighton University Health Sciences programs was continued and strengthened.

Sparks also sought to increase interest and involvement of the business and professional leaders of Omaha and the state by creating a Board of Counselors for the Medical Center. This group of twenty advisors for long-range planning and goal setting held its organizational meeting in September of 1976.

## Residency Programs Are Enlarged

With both primary and tertiary care services expanding, Chancellor Sparks and Dean Kugel gave much attention to further expansion of residency programs for physicians. The residencies were critical as an index to the Medical Center's claim to excellence in service and education, but even more important, they were seen as one means of encouraging physicians to settle and practice in Nebraska. The Regents and Legislature provided funding to expand various departments' graduate medical education programs. As a result, the number of house officer positions grew from 179 in 1971-72 to 282 in 1976-77. Growth in the primary care specialties was particularly emphasized. In the Department of Family Practice, the cornerstone of primary care training, there were nine residents in the first group admitted in 1971; by 1975 the number had increased to 30, and it reached a high of 40 in 1980.

The last group of young physicians to be called "interns" entered training on July 1, 1974. Beginning in 1975, all graduate medical education programs became residencies.



Cardiovascular Center faculty members, Drs. Helen Starke and Barry Dzindzio, 1976.



"Heartline to Health," weekly public education television series, 1974-1977. Dr. Robert Eliot (r) hosts a broadcast with Drs. A. Forker and W. Nelson as participants.

#### Growth in Cardiovascular Medicine

In 1972, the Division of Cardiovascular Medicine was established with Dr. Robert S. Eliot as director. Two years later, the Nebraska Legislature established and funded a Cardiovascular Center at the college, as a result of Dr. Eliot's persuasive efforts to increase the potential for cardiovascular research, service, and training in the state. Because of his special interest in emotional stress related to cardiovascular disorders, Dr. Eliot, in 1980, has initiated a proposal for a new Department of Preventive and Stress Medicine to further focus on this important cardiovascular risk factor.

### Organization of the Allied Health Professions

As increasing knowledge made health care more sophisticated, there came a national demand for manpower in fields related to medicine. The University of Nebraska Medical Center had long been involved in training some allied health professionals; in the 1970's additional programs were established and a formal academic structure was created for them.

Allied health education had begun in the College of Medicine in the early 1930's with a class in medical technology and a class in radiologic technology. Since 1948, both programs have awarded Bachelor of Science degrees. In addition, a certificate program in radiologic technology was offered until 1972 when it was replaced by the associate degree program.

The emerging importance of allied health programs was recognized in 1968 by Dr. Wittson, who appointed D. Craig Affleck, Ph.D., as Associate Dean for allied health. Later Associate Deans were Dr. J. P. Tollman and Dr. Perry Rigby.

A program in physical therapy was established in 1970 and awarded Bachelor of Science degrees. Also in 1970, the Division of Audiology and Speech Pathology began offering a clinical practicum for students from the other University of Nebraska campuses.

In 1972, the Board of Regents created the School of Allied Health Professions within the College of Medicine. Establishment of the school provided an administrative structure for the programs, which until then were administered through College of Medicine departments. William R. Ruegamer, Ph.D., was named Associate Dean of the School of Allied Health Professions in 1974.



Clinical instruction of radiation therapy students, 1979.



PA student Sid Jaeger in the nursery, ca. 1975.



Nurse anesthetist student receives supervised training in surgery, ca. 1979.



Dr. William Ruegamer, appointed Assoc. Dean, School of Allied Health Professions, 1974.



Dean Ruegamer presents first allied health awards to Mary Ellen Sacksteder, Dir., Physical Therapy Educ., for outstanding service and to Mary Jean Long, Medical Technology, outstanding teacher, November 1, 1977.

Allied health programs established since the formation of the school include: an associate degree program in nuclear medicine technology and a post-baccalaureate certificate program in biomedical communications, 1972; the nurse anesthetist baccalaureate program and the radiation therapy certificate program, 1973; nuclear medicine technology baccalaureate program, 1975; and a post-baccalaureate certificate program in medical nutrition, 1976. A baccalaureate program in health services administration was offered from 1973 to 1979.

The Nebraska Legislature created one training program within the School of Allied Health Professions, the Physician's Assistant Program. State Senator Loran Schmit piloted the original bill through the Unicameral in 1972; \$96,000 was appropriated for the physician's assistant program's first year. The Division of Physician's Assistant Education admitted its first students in 1973. The goal of the program is to supply well-trained assistance to overworked rural physicians. Each year a high percentage of the P.A. graduates locate in rural Nebraska.

#### **Evolution of Other Medical Center Units**

While the College of Medicine and University Hospital and Clinics were progressing in many areas, other units of the Medical Center were also finding new directions in the early 1970's. The School of Nursing became a separate College of Nursing, and the College of Pharmacy became part of the Medical Center.



Dr. Rena A. Boyle, Dean, 1967-1979.



Rendering, College of Nursing building, ca. 1973.



#### College of Nursing<sup>120</sup>

Dr. Rena Boyle succeeded Irma Kyle as Director of the School of Nursing in 1967, when Nebraska faced a shortage of skilled nurses. The Nebraska Nurses Association identified 419 openings for nurses in the state that year, and projected a shortage of 1,000 nurses by 1978. In addition, there were plans to phase out several hospital-based nurse training programs. Dr. Boyle faced the challenges of expanding the School of Nursing's enrollment and restructuring the curriculum to prepare nurses for increasing responsibilities in giving health care.

In 1968, Dr. Boyle was named Dean of the School of Nursing, a title which reflected the enhanced status of the nursing education program. The school had since 1952 offered a baccalaureate program in nursing, with students required to take one year of college work at an accredited college, and their last three years of study at the Medical Center.

The Dean and her faculty set out to design a new approach to nursing education with new options and opportunities for the student. As part of these curriculum changes a master's degree program was established and the first class of nine graduate students was admitted in the fall of 1969.

The entire nursing curriculum was restructured, and in 1973 the "career ladder" or articulated curriculum was fully implemented. In this program students can enter nursing education directly from high school, and, after two years, earn an associate degree in nursing and qualify for licensure as registered nurses. Those who wish to pursue their education can take an additional two years of work and study to earn the baccalaureate degree. Nurses interested in education, administration, or advanced nursing responsibilities may apply for the master's degree program. Since its introduction, the articulated program has been hailed nationally as a model for nursing education.

In 1972, the School of Nursing became the College of Nursing, an elevation in status appropriate to the enlarged scope of nursing education.

The Board of Regents that year authorized the extension of the nursing undergraduate programs to the University of Nebraska—Lincoln campus. The Lincoln program was funded by the 1974 Legislature, and the first class of associate degree students was admitted on the Lincoln campus that fall. As nursing education developed, space again became a problem for the school. In 1970, Chancellor Wittson requested and received funds from the Legislature, and in 1974 bids were accepted by the Board of Regents. The \$3.7 million building was funded by the U.S. Public Health Service, the Nebraska Legislature, and private gifts. When plans for the building were announced, Dr. Boyle stated, "No longer will the size of an entering freshman class be determined by a 93-seat classroom rather than the health needs of Nebraska." The College of Nursing building on the southeast corner of 42nd Street and Dewey Avenue was dedicated on January 31, 1976.

Throughout the 1970's the College of Nursing had considerable impact as a resource throughout the state. Affiliations with hospitals and nurses across Nebraska were established, and the Colleges of Medicine, Nursing, and Pharmacy collaborated in working with community hospitals in Broken Bow and Ogallala to provide clinical experiences for students in rural areas.

Beginning in 1977, a Kellogg Foundation grant has made it possible for registered nurses throughout Nebraska to work toward the baccalaureate degree through the College of Nursing's off-campus program. In cooperation with hospitals and colleges across Nebraska, the college distributes educational materials and programs to permit nurses to take the same courses that are offered on University campuses. Off-campus training sites are in Grand Island, Hastings, North Platte, Kearney, Broken Bow, Scottsbluff, Chadron, Norfolk, Wayne, and O'Neill.

Rena Boyle's retirement in 1979 marked the end of her productive 12-year career as Dean, during which she compiled a record of achievement unparalleled in Nebraska nursing education. She left behind her a strong nursing program nationally recognized for its innovative approaches to quality nursing education.

Dean Rosalee Yeaworth was appointed in 1979 to succeed Dr. Boyle. Her administration is expected to emphasize the College of Nursing's next area of development: research to add knowledge in the discipline of nursing.





(Far left) Dr. Rosalee Yeaworth, appointed Dean, 1979.

(Left) Assoc. Dean Jane M. Carney counseling students, ca. 1978.

(Lower left) Nursing arts lab, College of Nursing, 1976.

(Below) Fairfield Hall, College of Nursing, Lincoln Division, established 1974.







Dr. Albert R. Haskell, appointed Dean, 1972.



Rendering, College of Pharmacy building, ca. 1974.

#### College of Pharmacy Joins UNMC

In the late 1960's, educators were recognizing the advantages of training health care professionals in various disciplines in the same setting, so that the students could learn to function as a true team. The College of Pharmacy, then based at the University of Nebraska—Lincoln, also was seeing the importance of clinical practice in pharmacy.

When Albert R. Haskell, Ph.D., was appointed Dean of the College of Pharmacy in 1972, the College of Pharmacy was ready to be aligned with the Medical Center. Haskell quickly set in motion the planning necessary for an enlarged college with a curriculum designed for advanced pharmacy education.

The first group of pharmacy students on the Medical Center campus were seniors, who began their last year of training in 1972. At that time, plans were to convert the recently acquired Child Saving Institute at 42nd and Emile Streets into quarters for the College of Pharmacy. A dynamic and forceful man, Haskell was persuasive in winning state, federal, and private funds to construct a new building to house the college. The new College of Pharmacy building opened on the east side of 42nd Street in 1976.

At the same time, the college was instituting far-reaching changes in its curriculum. With faculty members oriented to the patient-care aspects of pharmacy practice, the new program emphasized clinical pharmacy. Instead of the Bachelor of Science degree, students completing the program were awarded a Doctor of Pharmacy degree, as the University of Nebraska became the third pharmacy school in the United States to offer the Pharm. D. as the sole degree upon graduation.

Interior, College of Pharmacy, ground floor lounge area and main staircase, 1976.

Clinical pharmacist J. N. Baldwin reviews patient record with medical students, ca. 1977.





#### Medical Curriculum Modification

For a number of years the College of Medicine's Office of Curriculum Audit and Development and the college Curriculum Committee had been considering changes in the pattern of medical education. Studies led to the offering of a broader range of electives, and efforts were made to coordinate courses more effectively.

In the late 1960's, national concern regarding the shortage of physicians resulted in federal programs to support increased medical school class sizes and shortened training programs in United States medical schools. The University of Nebraska College of Medicine's response was the introduction of a new curriculum designed to educate medical students in three years rather than the traditional four (class size was also increased).

The implementation of the three-year, 12-quarter curriculum began with the Physicians Augmentation Program in the summer of 1970. Twenty entering medical students were given a defined curriculum separate from the regular freshman class. Based on the initial experience, 30 students were admitted to the augmentation program in 1971. In July 1972, the College of Medicine started its first full class of medical students in the new program, although students were given the option of extending their program to four years if they desired. 122

Assistant Dean for Curriculum Perry G. Rigby explained the rationale for the change:

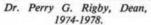
The faculty of the University of Nebraska College of Medicine, like other medical educators throughout the nation, are concerned about adapting medical education to the needs of new and different times. There is an awareness of the need to improve the quality of educational experiences and conduct this process in a shorter period of time.

An important consideration is the fact that many students are better prepared for medical school today than in the past. Additionally the emphasis in medical education is changing from "knowing all the facts" to knowing how to acquire, correlate, and apply information. Since there is an undeniable information explosion, the student must learn proportionately fewer facts and more educational flexibility. Finally, medical school graduates continue their education proportionately longer now. 123

## Changes in Leadership

Dean Robert Kugel announced his resignation in October 1973. He remained as Interim Dean until July 1974, when he became Vice President for Health Sciences at the University of New Mexico. His administration at Nebraska had seen substantial growth in the medical, allied health, and residency training programs; maturation of the children's rehabilitation programs in which he was vitally interested; and study and implementation of a new curriculum for the College of Medicine.







Clinic Building, dedicated October 2, 1977.

### Rigby Assumes Deanship

Dr. Perry Rigby was named Kugel's successor. Rigby had served on the College of Medicine faculty since 1964, becoming Director of the Division of Hematology in 1968. He served as Assistant Dean for Curriculum; Associate Dean for Academic Affairs, and Acting Associate Dean of the School of Allied Health Professions. With characteristic enthusiasm, Dean Rigby came to his office dedicated to a continuation and enhancement of College of Medicine progress.

Under Dean Rigby's guidance, growth continued in the number of College of Medicine faculty, both full-time and volunteer. Record numbers of students were enrolled each year. Realignments were made in some departments, and cooperative programs were initiated between the University of Nebraska College of Medicine and the Creighton University School of Medicine, resulting in joint departments of neurology and dermatology. A new Department of Neurosurgery was established in the Nebraska College of Medicine.

### Vietnamese Physicians' Training

In addition, in 1975 a special training program for 33 Vietnamese physicians was set up to prepare these doctors to pass the examinations necessary to begin practicing medicine in rural Nebraska. Margaret Faithe, M.D., served as academic director of the program taught by College of Medicine faculty. By mid-1978, 31 of the 33 physicians had begun practicing medicine in their sponsoring Nebraska communities.

Twenty-two Vietnamese physicians complete their first year of study at Nebraska, July 1976,





Nebraska Lions Eye Institute, 1975.



Dr. Harry W. McFadden, Interim Chancellor, February - June 1972, August 1976 - June 1977.

#### Nebraska Lions Eye Institute

Construction began in March 1974 on the Nebraska Lions Eye Institute, a one-story building between Units I and II on the south side of University Hospital. Nebraska Lions Clubs financed half the construction costs; the remainder came from the Kresge Foundation and a federal grant. The Lions Eye Institute, under the direction of Raymond Records, M.D., since its establishment, provides for outpatient care, teaching of medical students and residents, and clinical research. The facility was dedicated in May 1975. 125

#### **Expanded Outpatient Service**

In July 1974, the Medical Center was awarded a \$5.5 million grant from the Department of Health, Education and Welfare to construct an ambulatory clinic building at the northwest corner of the existing hospital. The building was needed to house facilities for the ever-increasing number of outpatients. In 1971-72, clinic visits numbered 139,246 and projections were that the outpatient visit census would grow to more than 200,000 within a decade. Dedicated on October 2, 1977, the Clinic Building houses clinics and offices for surgery, family practice, obstetrics and gynecology, oncology, dermatology, internal medicine and radiology. 124

### **Chancellor Sparks Resigns**

In 1976 Chancellor Robert Sparks resigned to direct the Health Section of the W. K. Kellogg Foundation. During his four years as Chancellor, he had guided the Medical Center through a period of growth and maturation of programs. At his departure, three major buildings were nearing completion — the Colleges of Nursing and Pharmacy and the Clinic Building.

Thanks to the Legislature's support of efforts by Sparks, Kugel, and Rigby, the residency training programs were meeting the goal of educating an increasing number of primary care physicians. The larger problem of limited health care in rural areas was not yet solved, but efforts were being made to alleviate the problem through affiliations with rural institutions, continuing education of health practitioners, and educational experiences for students in rural areas.



Dr. Neal A. Vanselow, appointed Chancellor, July 1977.

Symbol of the Chancellor's Club, whose members are generous UNMC supporters.



#### Vanselow Chosen as Chancellor

Dr. Harry McFadden served as Interim Chancellor until the Board of Regents appointed Dr. Neal A. Vanselow as Chancellor of the Medical Center in July 1977. A specialist in internal medicine, Dr. Vanselow came to Nebraska with administrative experiences gained at the University of Michigan and the University of Arizona.

One of the first challenges faced by the new Chancellor was the resolution of the professional fees question, which had simmered and flared throughout the middle years of the decade. At issue was the money generated by faculty physicians for services provided to patients. Several legislators proposed that a portion of these professional fees should be used for University Hospital operating expenses, since state funds were providing salary and other perquisites for the physicians. Vanselow was under pressure from the Legislature to procure a larger percentage of physicians' fees for hospital expenses; at the same time, there was the fear that a change in the fee plan would lead to an exodus of faculty physicians.

By mid-1978, Chancellor Vanselow, the Regents, and the faculty had forged a new medical services plan that was acceptable to all concerned. The plan provided for centralized disclosure of income, use of a professional fees office, auditing, and a return of a portion of collected fees to the Medical Center.

### New Emphasis on Research

Dr. Vanselow began almost immediately to encourage increased faculty involvement in research. In September 1977, he appointed a task force to scrutinize the role of research at the Medical Center, citing four reasons why he felt research was of substantive importance:

- 1. Advances in medical science are pioneered in large part by academic medical centers, and we at Nebraska should fulfill our obligation in this area.
- 2. The individuals who are the most innovative and creative in the research areas are most frequently also the best teachers.
- 3. Research programs here can place special emphasis on Nebraska's unique health problems or those common problems (i.e., cancer and heart disease) shared by Nebraskans.
- The economic impact of research support from the federal government and private foundations translates not only into new knowledge but more jobs and appropriate support services. 126



Chancellor Vanselow, Senator Sam Cullan, Dr. Gerard Van Leeuwen, former Chairman of Pediatrics, and Dr. David Bolam prepare to cut ribbon at dedication of neonatal intensive care unit, Oct. 7, 1979.



Emergency Medical Services' outreach capabilities were expanded with the addition of a new mobil intensive care unit, September, 1976.

This new focus has brought impressive results: In 1979, the College of Medicine faculty were awarded 34% more research funds than in the previous year. 127 This occurred in a period when such funds were becoming increasingly difficult to obtain from federal agencies and foundations.

#### Curricular, Administrative Changes

Continuing study of the College of Medicine curriculum brought another major change in 1978, when the decision was made to return to the traditional four-year course of study. Dr. Hobart Wiltse, Assistant Dean for Curriculum, explained that the return to the four-year plan would offer students more flexibility than the shortened curriculum. Although the three-year program provided efficient and effective learning, it left the students little time for outside projects. With four years of medical school, the student could be given more time for extracurricular activities, research, community health care experience, and consideration of future specialty or residency plans. 128

Dr. Perry Rigby resigned the Deanship July 1, 1978. His accomplishments in filling faculty positions, expanding the training of house officers, and developing relationships with Creighton University were important foundations for the future. Dr. F. Miles Skultety was named Acting Dean.

Dr. Miles Skultety, Director, in the Pain Center. Unit opened February, 1973. Photo, 1975.

Dr. Paul Young, chairman, Family Practice Department, with medical student.







Dr. Alastair M. Connell, appointed Dean, 1979.

#### Connell Appointed Dean

Dr. Alastair Connell was appointed the 16th Dean of the University of Nebraska College of Medicine in February 1979. A native of Glasgow, Scotland, he received his M.D. from the University of Glasgow and held several clinical and academic positions before coming to the United States in 1970. When chosen for the Dean's position at Nebraska, Dr. Connell was Professor of medicine at the University of Cincinnati College of Medicine and an Associate Dean for Clinical Affairs. He also served as Director of the Institute of Digestive Diseases at the Cincinnati General Hospital.

In his first faculty meeting at the College of Medicine, Dr. Connell focused on two of his goals as Dean: the expansion of the role of the faculty in the governance of the college and increased awareness of the importance of communication. In the Dean's words, "The College of Medicine exists to be a repository of knowledge in the medical sciences. It is our duty to be prepared to communicate effectively that knowledge and to regularly test its validity." 129

## Continuing Focus on Rural Health Needs

As Dean Connell assumed leadership of the College of Medicine, the Medical Center's commitment to help ease Nebraska's rural health problems had begun to show some results.

In 1977, Chancellor Vanselow appointed a Rural Health Task Force to determine what the Medical Center might do to relieve the continuing problems in providing adequate health care to all rural Nebraskans. The recommendations of this group included cooperative public education programs, off-campus continuing education programs to assist practicing professionals in their communities, student loan forgiveness programs and a strengthening of the role of such aids to physicians as the physician's assistants. 130

In 1980 the Task Force reviewed the progress made, as well as the continuing needs of rural health in the state. Their report indicates that the number of primary care residencies has increased, and that more residents receive part of their training at selected sites in outstate Nebraska. The physician's assistant educational program has continued to place most of its graduates as "physician extenders" in rural Nebraska communities. The Student Association for Rural Health has an active program of visiting communities to tell high school students and others about the educational opportunities at the Medical Center. Public health education and faculty outreach programs have also been developed and initiated. 131



Gov. Charles Thone signs proclamation for Nebraska Rural Health Week, May 19-23, 1980, as members of UNMC Student Association for Rural Health watch.

Although needs still exist, the Medical Center has made progress in improving health care in Nebraska. Evidence of this is seen in a letter to the *Omaha World-Herald* published September 20, 1980:

In the past several years, a great amount of progress has been made in rural medicine. The Department of Family Practice at the University of Nebraska, College of Medicine and the chancellor of the medical school have done a very effective job of orienting more medical students to establish practice in rural areas. During the past several decades the number of rural physicians sharply declined.

This trend has now been reversed and I think it is a great tribute to the Nebraska College of Medicine at Omaha. As former chairman of the Rural Health Commission, I can give nothing but accolades to Dr. Neal Vanselow and his staff for this achievement.

Ben R. Meckel, M.D. Burwell, Nebraska

#### New Programs for the 1980's

As the century has drawn to a close there have been other new thrusts and new programs. A special emphasis on emergency medicine has resulted in the development of highly effective emergency transportation systems backed up by the excellent Emergency Services Department of the hospital.

Federal funding has been awarded to promote multidisciplinary study in gerontology and services to geriatric patients. A Department of Medical Jurisprudence and Humanities has been established to focus on the legal, ethical, sociological, and humanistic considerations in medicine and its practice.

In accord with national trends, new basic and clinical research programs in nutrition have been implemented through the collaborative efforts of the Departments of Biochemistry and Internal Medicine. The Orthopedic Surgery Department continues to expand its services in such areas as children's orthopedics and microvascular surgery and has added faculty to provide a new focus in sports medicine and orthopedic research. It is anticipated that the main thrust of this research will be the study of osteoporosis, arthritis, and fracture healing.

## Dentistry Joins the Medical Center

To enhance the educational relationships between the health sciences professions in Nebraska, the Board of Regents of the University administratively aligned the College of Dentistry with the Medical Center in 1979. Although the college continues in its modern facility on the East Campus of the University of Nebraska - Lincoln, Dentistry is now one of the colleges of the University of Nebraska Medical Center. It offers educational programs in dentistry and dental hygiene, as well as continuing education for practicing dentists.

#### The 100th Year

As the College of Medicine observes its 100th birthday, it is providing educational opportunities for 541 medical students, more than 100 graduate students, 277 physicians in house officer training, and 170 students preparing for the allied health professions. The full-time faculty of the college numbers 338, with 829 volunteer faculty serving the institution. This is the visible evidence of growth and progress; there are other evidences as well.

One hundred years of history have brought the College of Medicine a physical distance of only three miles, from a south Omaha neighborhood near the Missouri River to its location in the center of the city today. But the historical distance, measured in units of medical knowledge, is vast. In 100 years of compounding that knowledge, healing the sick, and educating physicians and other professionals to serve the citizens of Nebraska and beyond, the College of Medicine has grown from a small proprietary venture of pioneer physicians to become an integral part of a great medical center whose activities deeply influence the quality of many lives.

As the University of Nebraska College of Medicine enters its second century, its reassertion of the primacy of knowledge and its continuing emphasis on educating humane and skilled health professionals seems certain to deepen and extend that influence in the years ahead.





Centennial runner in central Nebraska,

Runners near the finish line

By United Press Decreational
Twenty-five supromore students
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100th anniversary, as well as its services to the people.
The marathon was organized by
Jay Mattike of Sidney, who said one to
the goals was to meet the people the
center's

25 students in North Platte Telegraph, Oct. 4. run cross state 1980

Twenty five medical students will usher in the University of Nebraska College of Medicine's second century

by running across the state. The students, almost all of whom are native Nebraskans and in their 2nd year, will relay a lighted torch the wid th of Nebraska to symbolize the state wide importance of the College of Medicine's first 100 years

Beginning Tuesday, Sept. 30, at Henry on the Wyoming border, the "Run to 101" will stretch 480 miles and end at the University of Nebraska Medical Center in Omaha, There, run pers will use the torch to light a commemorative flame symbolizing the college's continuing commitment.

Med students run 480 miles

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By running one-mile stints on a rotating basis, the students hope to cover approximately 80 miles a day, making stops at various communities to host dinners for community representatives and talk to residents.

The students will also sponsor programs on health career opportunities for high school students.

Communities along the route include Scottsbluff, Ogallala, North Platte, Lexington, Kearney, Grand Island, Central City, Columbus and Fremont.

The flame-lighting ceremony at the Medical Center will take place during the campus annual Oktoberfest health fair, which features acres of scien-tific exhibits and events showing the latest in medical research, health care and bealth education.

Hemingford Ledger, Sept. 4, 1980

Columbus Telegram, Oct. 4, 1980

# Med Center joggers run through Saturday

A group of "niversity of Nebraska College of Medicine studenur will pass through Columbo; Saturday afternoon as part of a run Nebraska

The students will arrive from Central City at 3:48 p.m. on Highway 30 and continue to Richland where continue to Richland where they will spend the night



Students who participated in the Centennial Run to One-Hundred-One: (Front, 1 to r) J. Lortz, B. Rodgers, K. O'Dell, D. Bozarth, G. Asay, D. Treptow, D. Ebers, N. Fuelberth; (Back) M. Murphy, E. Fobben, J. David, J. Skoumal, D. Long, J. Matzke, R. McChane, J. Wolford, S. Haswell, S. Howe, E. Blanchard, Sept. 29, 1980.



Dean Alastair Connell addresses guests at the Omaha Chamber of Commerce luncheon, Peony Park, Sept. 25, 1980.

### **Epilogue and Prologue**

On September 25, 1980, the Centennial celebration of the College of Medicine officially began with a luncheon hosted by the Omaha Chamber of Commerce. The concluding paragraphs of this book have been selected from Dean Alastair Connell's address on that occasion:

The task of the College of Medicine for the future is to continue to explore, to admire and present the complexity, precision, and beauty of the process of life, and to apply our knowledge to help preserve life and relieve suffering. But we must apply the fruits of the knowledge explosion in a sensitive, humane way. We have to graft our technology onto the great humane tradition of medicine; otherwise the caring physician, the "hands-on" physician, will not survive as the essential element in health care but will be reduced to the status of a cipher, a "provider" of an impersonal health care industry. This would make us all the poorer. For this reason, the college is emphasizing again the importance of the humanities in medicine. An old French folk saying from the 15th century sums up the goal of medicine: "to cure sometimes, to relieve often, to comfort always."

In each medical interaction when a physician comes to the patient's side in a time of sickness, anxiety, or fear, there are three basic questions which the patient asks. "Why am I hurting in the way I am?" The second always follows, not necessarily verbally but quite intensely, "Is this illness serious?" And the patient is really asking, "Am I going to die?" And thirdly, the patient, directly or indirectly, says, "Do you mind if I lean on you while I hurt?" The knowledge and technological explosions have helped us find answers to the first question, "My illness, is it serious, Doctor?" because in contrast to the skills of the old prairie physician, training in prognosis has not developed to the same extent as diagnosis and contrast to the skills of the old prairie physician, training in prognosis has not developed to the same extent as diagnosis and therapeutics. Sometimes the outlook is bleak and the answer unwelcome, so the student needs sensitivity and compassion. It is much easier to pontificate with colleagues or students about the chemistry of life and death from the end of the bed than it is to

share the anxieties, fears, and ultimate tragedy of another human being. So most importantly, the physician of 1980 has to relearn the maxim, "to comfort always." Hospitals may provide some sanctuary, but most of all, the physician and his associated health professionals must be prepared to give of themselves, to allow the sick to lean on them during their time of pain.

In the dynamic amalgam of the University of Nebraska College of Medicine's triple challenges of training, research, and service, we will continue to train health professionals who are technically competent, who are fully armed with the latest research information, and who can compassionately utilize the everchanging "state of the art" to embellish the lives of those fellow citizens they are privileged to serve. We are the repository of 5,000 years of medical tradition. We intend to uphold these values into the next century.

Alfred Lord Tennyson looked on the long historic process of change as individuals, each in their day, contributed to the total good and then handed on the torch to others.

Knowledge comes, but wisdom lingers
And we linger on the shore
And the individual withers
And the world becomes more and more.

Not in vain, the distance beckons Forward, forward, let us range Let the great world spin forever Down the ringing grooves of change.\*

\*Tennyson, Locksley Hall, 1842.



# UNIVERSITY OF NEBRASKA COLLEGE OF MEDICINE DEANS

#### 1881-1980

1881-1885	Robert R. Livingston, M.D.*
1885-1889	Jacob C. Denise, M.D.
1889-1893	Donald Macrae, M.D.
1893-1895	Jacob C. Denise, M.D.
1895-1898	Harold Gifford, M.D.
1898-1902	August F. Jonas, M.D.
1902-1910	Henry B. Ward, Ph.D.
1910-1913	Robert H. Wolcott, M.D. (Acting)
1913-1915	Willson O. Bridges, M.D.
1915-1925	Irving S. Cutter, M.D.
1925-1929	J. Jay Keegan, M.D.
1929-1930	C. W. M. Poynter, M.D. (Acting)
1930-1946	C. W. M. Poynter, M.D.
1946-1952	Harold C. Lueth, M.D.
1952-1964	J. Perry Tollman, M.D.
1964-1968	Cecil L. Wittson, M.D.
1969-1974	Robert B. Kugel, M.D.
1974-1978	Perry G. Rigby, M.D.
1978-	Alastair M. Connell, M.D.
	the superior and the su

\*Dr. Livingston is listed as President of the Faculty in Omaha Medical College Announcements.

# MEDICAL CENTER CHANCELLORS\*

1968-1972 Cecil L. Wittson, M.D. 1972-1976 Robert D. Sparks, M.D. 1977- Neal A. Vanselow, M.D.

\*Harry W. McFadden, M.D., served as Interim Chancellor in 1972 and in 1976.

# UNIVERSITY OF NEBRASKA COLLEGE OF MEDICINE DEPARTMENT CHAIRMEN

#### November 1980

Dr. W. K. Metcalf (1973)\* Anatomy

Dr. Jerry Edelman (Acting)
Anesthesiology

Dr. William Ruegamer (1963) Biochemistry

Dr. Ramon Fusaro (1970) Dermatology

Dr. Margaret Faithe (Acting) Family Practice

Dr. Michael Sorrell (Acting) Internal Medicine

Dr. A. M. Connell (DEAN)
Medical & Educational Administration

Dr. Walter J. Friedlander (1980) Medical Jurisprudence & Humanities

Dr. Harry McFadden (1956) Medical Microbiology

Dr. Donald Bennett (1974) Neurology

Dr. F. Miles Skultety (1974)

Neurosurgery

Dr. Joseph Scott (1974) Obstetrics and Gynecology

Dr. Raymond Records (1970) Ophthalmology

Dr. John Connolly (1974) Orthopedic Surgery

Dr. Anthony Yonkers (1974) Otolaryngology

Dr. C. A. McWhorter (1965) Pathology

Dr. Carol Angle (Acting) Pediatrics

Dr. Manuchair Ebadi (1971) Pharmacology

Dr. Joseph Gilmore (1970) Physiology and Biophysics

Dr. Merrill Eaton (1968) Psychiatry

Dr. Harold Baltaxe (1976) Radiology

Dr. Paul Hodgson (1972) Surgery

Dr. Francis Bartone (1970) Urology

\*Indicates year of chairman's appointment.

### ASSOCIATE AND ASSISTANT DEANS

Robert T. Binhammer, Ph.D. John J. Matoole, Jr., M.D. Frederick F. Paustian, M.D. Judith A. Ramaley, Ph.D. William R. Ruegamer, Ph.D. F. Miles Skultety, M.D.

Associate Dean for Academic Affairs
Associate Dean for Veterans Affairs
Associate Dean for Continuing Medical Education

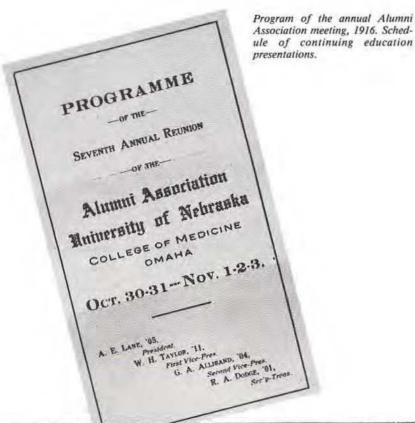
Associate Dean for Research and Development Associate Dean for School of Allied Health Professions

Associate Dean for Clinical Affairs

Irene G. Klintberg, Ph.D. Robert S. Wigton, M.D.

Assistant Dean for Administration
Assistant Dean for Graduate Medical Education

# THE ALUMNI ASSOCIATION



TUESDAY, OCT. 31 WEDNESDAY, NOV. 1 THURSDAY, NOV. 2 FRIDAY, NOV. 3 Ames-Nebraska Dispensary Clarkson Hospital Methodist Hospital Wise Hospital Immanuel Hospital sto9:30-Surgical Cli-nic and Conference s to 10-Surgical Cll-nic and Conference A. F. JONAS and Treatment to 10-Surgical Clinic and Conference J. E. SUMMERS A. F. JONAS B. B. DAVIS 9:30 to 11:00-Manage A. C. STOKES 10 to 12-External Af-10 to 12 - Affections of ment and Surgical fections of the Eye Child Saving Institute the Sinuses Treatment of Pelvic Infections PALMER FINDLEY 10 to 12—Infant Feed-ing—Clinic and Conference the Dodge Street H. GIFFORD F. S. OWEN Registration, Dispensary Registration 4. Tickets obtainable a Registration Desk 11 to 12:30 - Manage-ment and Surgical 1:30 to 2:30-Blood Pres-H. M. MCCLANAHAN sure-Clinical Signi-Treatment of Anter-ior Poliomyelitis J. P. LORD Luncheon and Busi ficance in cases Dispensary ness Meeting-12 o'clock-The W. F. MILROY 1:30-Differential Di-2:30--3:30--The Polyagnosis of Affec-tions of Upper Abdomen Hotel Fontenelle glandular Syndrome 30th, Grill with cases LE ROY CHUMMER Dispensary E. L. BRIDGES Dispensary U. of N. 3:30-4:30-Anaphylax- 2 to 3:30-Tuberculos-1:30 to 3:00 - Valvular Heart Disease
W. O. Bridges
H. E. Eggers
J. S. Goetz to 4:30-Presenta-Oct. tion of cases in Syphilis H. E. EGGERS londay, 3 to 4:30 - Case Histor ALFRED SCHALEK 3:30 to 4.3 0- Mental ies in Pathology of Deficiencies in 7 to 8 - Genito Urin-2 Pregnancy the Young ary Clinic A. B. SOMERS J. M. AIKIN C. R. KENNEDY Fraternity and Class Re-Unions Banquet-Guest Old Heidelberg Dr. Arthur D. Bevan ENTERTAINMENT PROVIDED FOR VISITING LADIES

Omaha Medical College students pose for a photograph with their new brick and stone building, ca. 1893.



### The College of Medicine Alumni Association

The University of Nebraska College of Medicine Alumni Association has existed since the first class graduated from the Omaha Medical College. The organization has had its ups and downs, sometimes being very active and at other times existing as little but a paper organization. However, the administration has remained alive and has held annual meetings ever since its beginning.

The original association was formally established at commencement exercises in 1883. Dr. J. W. Search, an 1882 graduate, was its first president; enough other offices were established to involve most of the members. 133 For several years this organization held an annual banquet, once in conjunction with commencement exercises. The banquet was dropped in 1899, when the secretary complained that the association was "moribund." 134

In 1909, the association revived, and for several years sponsored a successful alumni clinical review and reunion week. Proceedings of these clinical reviews and conferences were printed in a booklet, which in one edition reached a length of 100 pages. The publication was discontinued in 1915 and the conferences in 1916 because of military activities. Later attempts to revive the clinical week failed. During this period, the Alumni Association's annual meeting was held on the second day of the Nebraska State Medical Association meeting, a schedule which is still in effect.

Activity declined in subsequent years, even though the Alumni Association continued its annual meetings, and was described in the college bulletin as an active organization. Perhaps its only real accomplishment between the two World Wars was the establishment in 1944 of a \$50 prize for the best senior thesis.

The somnolence of the Alumni Association changed dramatically in 1946 when E. L. MacQuiddy was elected president. He agreed to accept the office only on condition that the dues would be increased, an office would be established on the campus, and the association could become an active influence at the college. At the same time MacQuiddy prevailed upon Dean Poynter, then about to retire, to permit establishment of the first student and faculty canteen in the South Building.

After its 1946 rebirth, the Alumni Association became closely allied with the C.W.M. Poynter Foundation, and for several years helped to sponsor an annual lectureship and banquet. Annual round-up banquets and reunions begun in these years continue to be highly successful.

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In the late 1960's, the association was active in helping Dr. Leon S. McGoogan raise funds for construction of the Library of Medicine, now named in Dr. McGoogan's honor. The association has also provided scholarship and loan funds, has contributed to the support of various library activities, and has funded a number of student projects.

The association serves as a rallying point for widely scattered graduates through its fall round-ups. Today it can boast of the active participation of more than half of the college's living graduates. Present officers are Dr. Stanley L. Davis, President; Dr. Robert M. Cochran, II, Vice-President; Dr. Edward A. Holyoke, Secretary-Treasurer (an office he has held since 1946); and Dr. Richard B. Wilson, Advisor.

The Alumni Association has supported the production and publication of this Centennial Historical Trilogy, and promises to be a continuing force in support of the future activities of the College of Medicine and Medical Center.



Officers of the University of Nebraska College of Medicine Alumni Association, elected April, 1980: (R to l) Dr. Stanley L. Davis, President; Dr. Robert M. Cochran, II, Vice-president; Dr. Edward A. Holyoke, Secretary-treasurer; Dr. Richard B. Wilson, Advisor.

# THE FACULTY WOMEN'S CEUB

# Wife of Dean Cutter Heads New Woman's Faculty Club at School



Omaha Bee News, June 6, 1920.

ty club of the school. Members are wives of the faculty doctors. The object of the organization is

MIS. IRVING S. CUTTER, wife of to promote the interests of girl.

Dean Cutter of the University students. It will also interest itself of Nebraska College of Medicine, in social welfare work connected with the hospital which cares for the self will be self and needy of Nebraska, as well as in the problems that frequently arise in a hospital, which are universited to the physical needs of patients.

lated to the physical needs of patients,

Mrs. Cutter called the meeting of doctors wives Tuesday at the University club. Other officers elected include Mrs. A. F. Jonas, vice president; Mrs. J. E. Summers, secondaric president; Mrs. J. E. Summers, secondaric president; Mrs. A. A. Johnson, treasurer.

Luncheon will be served Wednesday at University hospital for the group, following a trip through the hospitals and nurses' home. Mrs. G. Alexander Young has charge of arrangements for a meeting to be held at Manuwa Boat club early in July, when both the doctors and their vices will participate.

1920-23 Mrs. Irving Cutter\*

#### PAST PRESIDENTS

1923-24	Mrs. A. F. Jonas*
1925-26	Mrs. C. W. Pollard*
1927-28	Mrs. C. Poynter*
1928-29	Mrs. W. A. Willard*
1929-30	Mrs. C. A. Roeder*
1930-31	Mrs. B. B. Davis*
1931-32	Mrs. Jay Keegan*
1932-33	Mrs. H. B. Hamilton*
1933-34	Mrs. John R. Nilsson*
1934-35	Mrs. Rodney Bliss*
1935-36	Mrs. Clarence Rubendall*
1936-37	Mrs. Frank Conlin
1937-38	Mrs. Herman Johnson
1938-39	Mrs. Edwin Davis*
1939-40	Mrs. Willis Taylor, Sr.*
1940-41	Mrs. F. J. Murray
1941-42	Mrs. Ross McIntyre
1942-43	Mrs. Fred Niehaus
1943-45	Mrs. E. L. MacQuiddy*
1945-46	Mrs. Charles Frandsen*
1946-47	Mrs. Perry Tollman
1947-48	Mrs. Chester Thompson, Sr.
1948-49	Mrs. Howard Morrison
1949-50	Mrs. John F. Nilsson
1950-51	Mrs. George Robertson
1951-52	Mrs. A. L. Bennett*

1952-53	Mrs.	Ed Holyoke*
1953-54	Mrs.	Dewey Bisgard
1954-55	Mrs.	John Schenken*
1955-56	Mrs.	Herbert Davis
1956-57	Mrs.	James Benjamin
1957-58	Mrs.	Vincent Hascall*
1958-59	Mrs.	Roy Holly
1959-60	Mrs.	Willis Taylor, Jr.
1960-61	Mrs.	Robert Grissom
1961-62	Mrs.	John Filkins
1962-63	Mrs.	Stanley Pederson
1963-64	Mrs.	M. M. Musselman
1964-65	Mrs.	Edward Malashock
1965-66	Mrs.	Leland Olson
1966-67	Mrs.	Milton Simons
1967-68	Mrs.	Warren Pearse
1968-69	Mrs.	Alan Blotcky
		John R. Jones
1970-71	Mrs.	Donald Skoog
		Paul E. Hodgson
		Frank Menolascino
1973-74	Mrs.	Perry G. Rigby
		Chester F. Singer, Jr.
		F. Miles Skultety
		Joseph Scott, Jr.
1977-78	Mrs.	Thomas Norris
1978-79	Mrs.	Thomas Gallagher
1979-80	Mrs.	Robert Eliot

\*Deceased



(Right) Decorated corridor, Unit II, hospital, 1928.



(Above) Children's ward decorated for Christmas by the Faculty Women's Club, 1928.

#### Faculty Women's Club\*

Service and sociability have been the purposes of the Faculty Women's Club in the 60 years of its existence. The club was organized on June 1, 1920, chiefly through the efforts of Mrs. Irving Cutter, wife of the College of Medicine Dean and first president of the organization. The group's first meeting was held in the University Hospital dining room. Fifty-six charter members were enrolled; they included wives of faculty members, women faculty members, and directors of the nursing school, dispensary, and social service.

The club's original constitution stated its purpose:

The object of this club shall be to promote good fellowship among its members, to cooperate with and encourage student body activities, to foster social life in the College of Medicine of the University of Nebraska, and to have constantly in mind and to work zealously for the advancement of the college and hospital of the University of Nebraska.

The women immediately began planning their activities. They held parties for medical students, interns, patients, and nurses. Their first fund-raiser was "a picture show in Conkling Hall, using the machine from the laboratory." Profits bought a Victrola for the nurses' home.

In 1921 the Faculty Women's Club began a tradition of decorating University Hospital for Christmas. Christmas trees were set up in each ward, wreaths decorated hospital windows, and each patient was given gifts. The club planned parties, supplied Santa Claus, and in many ways made the hospital a more festive place during the holiday seasons.

Another tradition began in 1922, the annual Washington's Birthday party for the members' husbands. These formal affairs, including gourmet dinner, entertainment, and dancing or cards, were held in the Conkling Hall gymnasium until 1951, when they moved off-campus.

During World War II, the Faculty Women's Club increased their volunteer service to include helping in the Dispensary office, sewing, working with the local TB health camp committee, and preparing surgical dressings. Social events in these years became more conservative and informal. Many members felt that the annual Washington's Birthday party should be suspended, but Dean Poynter urged them to continue the event. The party was held each year, but on a much simpler scale.

<sup>\*</sup>Excerpted from a manuscript, "A Parade of the Decades," edited by Helen W. Reihart. Authors: Helen W. Reihart, Margaret Thompson, Kate Robertson, Olga Davis, Virginia Grissom, and Bess Ogborn.

After World War II, the club increased their service commitment to the institution. They refurnished areas of the campus, sewed garments for the Needlework Guild, and helped in many other ways.

The decade of the Fifties brought a broadening of the club's sphere of interest. Activities to help students continued, and, guided by Mrs. James Benjamin, a Student Exchange Shop was established in 1955. Members solicited donations from stores and individuals, and stocked the shop with everything from baby items to furniture, appliances, and clothing. Students could purchase the merchandise for very small prices, and proceeds were given to the Student Loan Fund.

The changes in the campus during the 1960's were also reflected in the Faculty Women's Club and its activities. Students did not seem to need the social and recreational events that had previously been planned by the club. The Student Exchange Shop closed in 1964, when its space in the machine shop building was needed for other purposes. However, the club continued its tradition of serving students in a very tangible way — with scholarships and loan funds.

With tremendous growth in club membership as the Medical Center expanded, the Faculty Women's Club organized "interest groups," so that members with similar interests could become better acquainted and carry out projects related to those interests. These smaller groups have become a focus of the club's activities for members.

In 1971-72 the club organized the first Art and Medicine Project, an exhibit of art created by Medical Center personnel and their families. Mrs. Frank Menolascino, president of the club in 1972-73, originated the idea for Oktoberfest, the Medical Center's annual open house with exhibits, demonstrations, tours and entertainment. The Faculty Women's Club sponsored the event for its first several years, and Mrs. Menolascino remained as chairman or co-chairman of the event through 1979.

The group's projects for the Medical Center in the 1970's included production of large cartoon and storyboard cutout figures for the walls of those areas serving children, furnishing the hospital Meditation Room, and donation of a sculpture by a prominent Omaha artist.

In recent years, the Faculty Women's Club has placed increasing emphasis on providing loan and scholarship funds for students. Although financial aid has long been an interest of the group, their support has grown in the 1970's to approximately \$4,500 annually.

Oktoberfest activities, Oct. 5, 1975.



OFFICERS

PRESIDENT

LaVonne Fusaro

PRESIDENT-ELECT

Shirley Sorrell

REC. SECRETARY

Joan Zetterman

1980-81

CORRES. SECRETARY
Alice Friedlander
TREASURER

Elaine Reimer

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The Good Shepherd gymnasium provides recreational facilities for UNMC faculty and students, photo ca. 1978.



The Good Shepherd Home, 40th and Jones, purchased by the Medical Center and razed December 1976.

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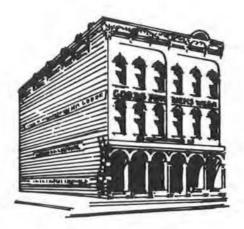
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# AEUMNI OF THE UNIVERSITY OF NEBRASKA COELEGE OF MEDICINE







# Nebraska School of Medicine, Preparatory

#### 1881

Charles F, Webb Edward Diedrich Fred D. Haldeman William H. C. Stephenson Mrs. J. F, L. D. Hartzman Elmira J. Hertzman James E. Hadley Andrew P. Johnson H. J. Leisenring Emmett Holy Robert Monteith Mrs. G. W. Whipple R. C. Elvin

## **Omaha Medical College**

#### 1882

Edward Diedrich George V. Ellis James E. Hadley Fred D. Haldeman Werner Hemstead Robert Monteith Urban H. Norris James W. Search

#### 1883

Georgia A. Arbuckle Howard Dew Brothers Alvin H. Keller Harry G. Leisenring George F. Lloyd Lemon R. Markley James S. Shaw Charles F. Webb Josephus Williams

#### 1884

Alice E. Huff Mathew O. Ricketts John W. Roe Stacy C. Youngman

#### 1885

William T. Dalby George M. Hill Andrew N. Jackson S. H. Knowles Theodore P. Livingston Walter Q. Webb Edward Wirth E. L. Waterman

#### 1886

Alois Hinz James Norrish Samuel G. Painter William H. Smith Heinrich G. Wiese

#### 1887

Joseph Blickensderfer Charles B. Dittebrandt J. W. Frazier Louise Frese D. C. Gibbs H. S. McGavren P. E. Norwood



#### 1888

Ira E. J. Atkinson Frank Dooley Burgess Andrew Crawford Joshua Shipley Devries Homer Frank Fort Sherman J. Hadley Robert R. Livingston, Jr. Joseph Henry Miller Joseph Edward Noon Edward Jackson Taggart

#### 1889

Frederich Lisander Burbank Charles Eugene Coffin Edgar Dean Cummins Francis Andrew Graham Alfred Perviance Haynes William Thomas Mason George Albert Yates

Alfred Hakanson Andrew Johnson William Robert Lavender Louis Richardson

#### 1891

John Willis Archard Adda Bowerman Charles Wilbur MacConnell William Ross Martin Charles Love Mullins John Wright Straight William Joseph White William Gerhardt Ziegler

#### 1892

Andrew Jackson Baker Thomas Edwin Barron Davis Josia Bartlett Mads Christian Christensen William Ellsworth Dixson Vilena Sewall Henderson William Albert Lusk Phillip Herman Metz George Roeder Julius A. Roeder Uric Dahlgren Stone William Owen Wisner

#### 1893

Harry S. Breevort James F. Davies John F. Leeper Hubbard Linley Samuel E. Leard Max L. Rich Frederick C. Rugg Frank A. Stockdale Henry C. Wheeler Edward W. Wiltse

#### 1894

Robert Birton Armstrong Frederick Earl Beal James Bisgard John Larren Brown Joseph Milton Curtis William Alvin Hostetter Frank Warren Johnson James Alba Johnston William Clinton Kenner Hiss Peter Lauritzen

#### 1895

George Bicknell George Bjorkman George R. Butchart Ernest S. Case Willis W. Dean Fred J. Driver A. P. Fitzsimmons E. A. Haden Lawrence Hick Ernest M. Hickok I. Diller Jones Dora Mena Judkins Joseph S. Lepard Voorlees Lucas Charles C. Maloney Walter L. Morrill Herbert O. Munson John R. Pringle William S. Reiley Charles C. Stevenson Ella P. Sumner Mary Louise Tinley James L. Somerville Edwin M. Wilson

#### 1896

Herbert Augustus Abbott Edson Lowell Bridges Albert Butler George Pigeon Charles C. Crawl George Richardson Gilbert Paul Ernest Koerber William Herod Lawrie Thomas James Lawson Frank Edward Liliedahl Roy Harry McCarl Maud Mead Thomas Joseph O'Toole Mary Arvilla Quincy Charles Bane Spates Andrew Victor Stephenson George W. Strough Ernest J. C. Sward Louis Swoboda Harry George Thomas Ernest LeRoy Verley

#### 1897

Joseph Eugene Benton David Wallace Beattie Schuyler Colfax Borom Chi Chung Chan Alma J. Chapman Frank Ratford Childs Kingsley Willard Clark Harry A. Cunningham Charles Frederick Dietz Jay W. Fry Janus Orval Ganoe Harlie L. Gregg George Alvin Ireland Johann Heinrick Jessen Gustav Adolf Koerber Frederick E. Kraft John Irvin McGirr Leonard R. McIntyre William Perry Montgomery William Posey Mowrer Edmund Delos Putnam Mary Elizabeth Rosenburg Carl L. F. Swanson Willis Edward Talbot Jesse P. Truax Sherman Augustus Yule

#### 1898

Carl Ali Anderson George S. Betts Stuart A. Campell Nellie L. Clark William W. Frank Libbie L. Fitch Harry A. Fulton Thomas Gillespie John Benjamin Joyce Robert Claud Knode Henry Bassett Lemere John Stuart Livingston Dana B. McMahon Reuben B. Mullins Russell John Murdock Florence Neal Byron L. Pampel William James Pinkerton Frederica A. Phillips Elmer R. Porter George F. Pugh Collins H. Ross David Jackson Smith Seymour Harry Smith Lee Bradley Van Camp Ernest Alfred Weymuller Ross Everton Wright

Harry Bauguess
John Ray Beatty
Harry E. Burdick
Harry Silsby Finney
Charles Stanton James
John Franklin Kelly
Nelson S. Mercer
Albert Olaf Peterson
George L. Strader
Noel W. Spencer
Arthur C. Stokes
Elmer James Updegraff
John G. W. Westerhoff

#### 1900

Graue Willis Bartlett
William Henry Betz
Frank Albert Brewster
William James Douglas
Homer Davis
Alfred Jefferson
Adolph Bernard Lindquist
Oswald Henry Magaret
Morris Nilesen
Anders Peter Overgaard
Sylvester Atkinson Preston
Edward Louis Rohlf
Herman Frederick Thulin
Roy Verner Witter

#### 1901

Silas Gilbert Allen Andrew Roy Dodge Arthur Glen Emerson Sam'l Van Doozer Fitzsimmons Christian Thomas Gritzka Thomas Massie Gilmore Stacey Bertrand Hall Byron Webster Hall Floyd William Herron Robert Acheson Hawthorne James Franklin Jones William Henry Loechner Luther Martin Leisenring John Rudolph Nilsson Byron Lincoln Perlee Henry Andrew Reichenback Andrew Alexander Robertson Eugene Herbert Smith George Curtis Shockey Amasa M. Tower Jugurtha Samuel Wainwright Francis Allen Wells William Law Wilmoth



# University of Nebraska College of Medicine

#### 1902

F. M. Barnes
G. F. Bartholomew
H. W. Benson
A. W. Carlile
Wm. H. Chapman
C. J. Christensen
B. W. Christie
A. H. Cooper
W. T. Craft
Miss Frida Drummer
A. W. Fitzsimmons
E. J. Fleetwood
D. G. Griffiths

J. E. Hansen
F. H. Hanson
Miss F. D. Henderson
Louis L. Henninger
H. D. Hully
P. E. James
W. Y. Jones
R. R. Kennedy
William Kerr
E. C. Keyes
F. W. Kruse
D. A. Lee
F. A. Lemar

M. B. McDowell
Hugh Mantor
Milan S. Moore
C. F. Morsmand
Jno. A. Peters
C. W. M. Poynter
Grove Rathbun
David J. Reid
David Rundstrum
Mathew A. Tinley
Frank Tornholm
E. A. Van Fleet

James Clarence Agee
Arthur Leslie Barlett
Frederick Louis Beck
Harry William Benson
Emil Claudius Black
Oliver Chambers
Josiah Shaftesbury Davies
Christian S. Ericksen
Earl Eugene Gage
James Robert Graham
David Isaacs
John Christian Iwersen
Jens Peter Jensen

George Arthur Alliband Smith W. Bellinger John Fred Bening Rosco Campbell Jay C. Decker Roy Paxson Dempster Charles Daniel Eby James Archibald Edwards Oliver W. Everett Frank Vernon Gates John Franklin Hart

Burton Abel Adams
William Hugh Anderson
Hoye John Arbogast
Milan Daniel Baker
Ernest Sidney Empey
Oliver Walsworth Everett
Harrie Sanburn Garland
William Howard Heine
Adolph Hjalmer Holm
Bertrand Frederick Jeffers

Edward Lewis Brush Nora May Fairchild John Andre Fuller, Jr.

John F. Allen Elmer Arnold Edzor D. Banghard John Buis Edgar Christy John J. Fosler

E. C. Hayman William H. Henney Joseph J. Hompes Clatilla Bernice Job
Edward Christian Jungbluth
Max Jon Henry Koettner
Augustus Bernard Kuhl
Clair Leone LeMar
Rufus Ashley Lyman
Robert Claudius McClymonds
Joseph William Sylvester Martin
Charles Campbell Morison
Halbert Fletcher Neal
Marie Anna Nielsen
Frank Ely Osborn
Owen Dale Platt

#### 1904

Warren Lee Hummer Fred William Karrer Johnston Harper Kerr Ray Archibald Knode Joseph A. Kohout Hector McArthur Jacob Edward Meisenbach Edwin Atkins Merritt Neil David Nelson Mark Alva Nye Robert Carpenter Panter

#### 1905

Charles Rex Kennedy Joseph A. Kohout Arthur Ernest Lane Edward Simon Lauzer Grundy E. McDonald Claude William Mason Arthur Edwin Merkel Clinton James Miller George Henry Morris

#### 1906

Leslie William Morsman Claude Palmer Edwin Norris Robertson

#### 1907

Robert A. Hammie John F. Hyde John B. Potts Charles Stein Charles S. Stoakes

#### 1908

T. J. Kerr Charles Lieber F. H. Morrow Mrs. Rose Hammond Rice Charles Henry Root Otto George Smersh Mames Westfall Barnum Smith George E. Spear Royal Scott Stuckey Francis Everett Townsend Thomas Truelsen Joseph Walker Howard Phillo Warner William Penaluna Wherry V. Verne Vance

Peter Marius Pederson James McDowell Patton Henry Gerhard Penner Louis Penner John Elry Prest Francis Petr Thomas Edward Sample Albert Berry Stuart Isadore Simon Trostler Robert Borden Underwood

George Andrew Morrison Hans Christian Pedersen Nina D. Plevoy George Benjamin Potter Arthur Clark Rumery Eldon Jesse Smith Franz Swoboda, Jr. Cornelius Isaac Wainwright Harrison Alonzo Wigton

Guy Percival Stokes Claude Leroy Wills

Guy P. Stokes Edward Miller Ware M. B. Wyatt Charles A. Willis J. M. Woodard

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Arno Albert Bald Herman Böcken Frank Asahel Burnham Lorenz William Frank

William Nance Anderson Andrew Dobbie Brown Ralph Phillip Higgins James Taliaferro Maxwell

Hiram Delaney Burns Earl Bradley Erskine John Harland Goodnough Ralph Clifford Gramlich

Charles Wesley Warren Harms

A. C. Barry Harriet Druis A. Greenberg O. D. Johnson Albert A. Fricke J. B. Redfield E. D. Skeen Harry A. Taylor Brownlaw B. Miller

#### 1909

Joseph H. Sayer O. W. Wyatt E. M. Stansbury

#### 1910

Benjamin Lee Myers Meyer Harris Newman Justus Edgar Olsson John Beekman Potts George Winthrop Prichard Roland Ray Reed Charles Edward Remy Frank Waldo Scott Bryant Robert Simpson

#### 1911

Roy David Martin Erick Martin Paulus Sward Willis Harvey Taylor Mary Winifred Tucker

#### 1912

Walter Chafey Moodie Clark L. Phillips John Beekman Potts Weaver Aldus Rush



#### 1914

Dexter D. King Frank John Kotlar Charles Franklin Moon Torrence Calvin Moyer Charles Edward Pinckney

#### 1915

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#### 1913

Walter Frank Hammitt Andrew Harvey Joseph Wilson Laughlin Milton Frederick Arnholt Elliott Cunningham Cobb Frances Edith Haines Ward Hughes Powell Olga Frances Stastny Alfred Edward Westervelt

William Scholten Mildred Carnahan Williams Blaine Augustus Young

R. A. Moser A. J. Young Charles E. Pinckney

1917

1918

1919

1920

William E. Alten Carl H. Bastron George Hoffmeister Durward B. Park Wilbur K. Riley Ruth A. Warner Adin H. Webb

Ralph E. Curti Paul J. Flory William R. Galbreath Louis E. Hanisch Fred L. Horton William W. Walvoord C. Rex Fuller Earl R. Leonard John L. Linn William Shepherd Clyde A. Udine A. S. Rubintz Friedrich Wilhelm Niehaus

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E. C. Hanisch
Carl Hollenback
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A. A. Larsen
Ray R. Losey
R. T. Mauer
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Donald R. Owen

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Earl F. Camp
Leo W. Chain
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O. W. French
Wallace A. Gerrie
Alfred C. Graham
Manuel Grodinsky
H. E. Harvey

W. C. Harvey
Charles B. Huestis
Katherine M. Hunt
Darlein Ivers Johnson
Ernest D. Johnson
Glenn A. Jones
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Harold Mulligan

Bradford J. Murphey F. J. Murray Nathan Muskin J. William Neville Floyd L. Newcom Andrew M. Pedersen Paul H. Priest Sol Ravitz F. X. Rudloff Howard C. Stewart Frank R. Surber Phil G. Walters Charles R. Weeth Charles A. Weymuller

#### 1921-1922

Roy Perry Allerton Carl Gideon Amick Allen Byford Anderson Pedro J. Arcilla Howard Byron Baer Gerald Henderson Beck Abram Elting Bennett Ernest Madison Burns John Ambrose Clark Busby Barbara Churchill Frank G. Crandall Albert D. Davis Eskild Karl Eskildsen Esteban y Astraquillo Fabie Irvin Isadore Finkenstein David True Ford Ralph Mitchell Fouch

David Enrique Algorta Clare Raymond Anderson Cornelio Blancaflor K. Lionel Botleman Brown Jerald J. Bruce William Andrew Bunten Horace Emerson Campbell William Andrew Campbell

James G. Allen Henry Smith Atwood Homer M. Barron Conrad John Louis Baumgartner Ivyl Clare Bedwell Herman Charles Bodemer Mary Bratt Elizabeth Louise Broyles Burt T. Church Roland W. Dahlgren Neil J. Dau Warren Herbert Eller Harry Richard Elston W. Max Gentry Joe Goldstone Donald Alexander Graham William Wayne Graham Richard W. Hille Warren I. Hinkel John Roderick Chase Hoover John Ernest Jackson Herman M. Jahr

Elmer Burkett Reed Clyde G. Reynolds Larry Dewey Rider Joseph Cullen Root 2nd Ralph Swisher Russell Leslie Earl Sauer Millard Franklin Schafer William Harold Scoins

Charles Frank Heider Raymond Kenneth Hoover Harry Gusten Huffman Fred Augustine Humphrey Richard Carl Albert Jaenike Chester Arthur Johnson William Thomas Johnson, Jr. Wendell Allensworth Killins Frank Lawrence Krampert Searle Henry Lanyon Ernest James Larson Linford Henry Lee Wilmer Ovla Lewis Michael Joseph Lipp Richard Otto Lucke Diosdado Luces Luna Ernest Lynn MacQuiddy

#### 1922-1923

Robert Bruce Eldredge James Gwynne Fowler Curtis Martin Galt Alex Frederick J. Hansen Clyde Clarence Hardy Otto M. Husted John L. Jenkins Teodorico S. Kintanar

#### 1923-1924

Arnold L. Jensen Hannah C. Johnson Walter H. Judd Jacob Kaminsky Dominick Benjamin Kantor Frank Kohn Otto Alvin Kostal Lambers Krahulik Harry H. Kretzler Paul Carey Lawyer Earl F. Leininger Demetrio C. Macasa Morris Margolin Earl Edgar Miller Frank J. Munk Guy Hart Moates Allen Richard Moritz Cedric Henry Nelson Frank Arleigh Nelson Mirardo P. Obias Charles Austin Owens Claude F. Peters

#### 1925

John William Scott
William John Shaw
Dionisie Mathew Sirca
Meyer Smernoff
Austin Henry Smith
Robert Alexander Steven
Felipe Parco Sucgang
Rudolph Herbert Sundberg

Erwin Phelps Miller Donal Hobart Morgan Allan William Mulligan Oliver Clark Nickum Burton Theodore Norall Oscar Evald Olson Jerome VanHorne Pace Clarence E. Rice Arnold Edgar Robinson Leo Dow Rose **Eugene Earl Simmons** Edwin Christian Sorenson David Daniel Stonecypher Edward Emmett Sweeney Ralph Leslie Troup Harold Harrison Woods

Charles Howard Laugharn John Theodore McDonald Roy Cecil Noble Homer Royal Palmateer Emmet Albert Pearson John Wixer Schwartz Leonard August Swanson William Taylor Webber

Miriam M. Pool Willard Munson Pratt Edwin A. Reils Ernest Robert Reinsh Ted Eugene Riddell John B. Rogers Emily M. Rorer Jenny Belle Rozell Hercules Ruffolo Henry H. Sealey Bretislav Sedlacek Ralph W. Shirey Fernando Soberano Harry Sophus Stahr Abraham Steinberg Herbert E. Stroy Walter Roberts Taylor William Brooks Vance Vester Ray VinSant Dean Quigley Waddell Sophia E. Alice Warner Walter Christian Zulauf

Julius Albert Weber Carryl William Wiggins John Floyd Wikstrom Luther Harmon Wilmoth Donald Jasper Wilson Donald King Worden William Elza Wright Guy Frederic Zarbaugh Miriam Alverta Albertson Clarence Lorimer Bain Melvin William Binger Donald A. Bitzer Cyril Carroll Brown Bernardo Lunicia Beunafe Augustus David Cloyd Elwin Iris Conner Lawrence Leroy Davidson Chester Darwin Dixon Austin Gibbons Dunn George Arthur Milton Eychaner George Matthew Fredericks Ralph Atherton Gilfry Richard Warner Good Niels Marius Hansen Leland Potts Hawkins Walter Wesley Herrmann Max Himmelfarb Ladd E. Hoover Roland Alfred Jefferson Nevill Joyner

Dee L. Abbott Hodson Alexander Abbott George William Ainlay Theodore Melvin Barber Ralph Franklin Blecker Irineo Blanco Bringas Donald Edwin Burdick Raymond Barzillia Burr Nancy Catania Stuart Hosmer Cook James Charles Dickson John Theo Eagleton Robert Reeve Estill William Patten Garrison Emmanuel Raymond Gelvin Plomer Julius Gustin Elmer Marion Hansen

Leland Clayton Albertson Chauncey Leroy Anderson Richard Max Arkwright Kenneth Charles Baker Glenn Orval Beach Clyde Rolland Bennett William Edward Bennett Helge Borre Donald Lyman Burlingame John M. Christlieb Roy Spencer Cram Henry Clay Crozier Joseph Oliver Dean Leonard Adolph Dewey Alice Dorothy Edstrom Gregory Lawrence Endres Earl Herbert Engel

Edwin Katskee Esley Joseph Kirk Smith Christian Kirkegaard Lewis Alfred Koch Frederick William Krueger Gerald Milton Kunkel Lawrence Dewey Lee Lucas Hugo Lucie Joseph Frederick Lukovsky Elmer Edward Ellsworth McClelland, Jr. Kirby Clayton McGrew John Harold McMillin Bernard Joseph Macauley Charles Mandel Eugene Blake Maxwell Bradford Walter Miller John Howard Newton Juul Christian Nielsen William Fred Novak Charles Willis Oakes, Jr. Frederick William Orvedahl

#### 1927

Harvey Bruce Harris Robert Edward Harry Judson Martin Hughes Carson Edward Hunt Thomas Corwin Kenaston Orval Clair Kreymborg Karl Emil Krueger Verne I. Lacey George Kenneth Lewis Edward Joseph Liska Roscoe Paul Luce Esther Isabella McEachen Ruffino Nisperos Macagba Arthur Weston Miller Jesse Walter Miller Rose Rena Minkin Charlotte Anne Mitchell

#### 1928

Arthur Reginald Everett Henry Napoleon Gemoets James William Graham Ben Greenberg Theodore Ephraim Heinz Howard Leslie Hopkins David Ichio Katsuki Harry Konterwitz Joseph Kuncl, Jr. Joseph Albert Lanspa Reuben David Leavitt John Kay Martin D. Evelyn Miller D. Herbert Miller John Richards Moritz Arlo Alfred Morrison Esther Malinda Morse

Richard Hollis Overholt Eugene William Pape Edward Clarence Person Donald Marion Pillsbury Paul Stowell Read George Edwin Robertson Louis Luster Robinson Laurie Guy Rowley Charles John Shramek George Pence Sims Theodore Calvert Stander Gurn Thompson Stout Hardin Sherman Tennant Stanley Paul Wallin Stanley James Walters Carl Fletcher Ward Ralph Lowell Weaver Carl Reinard Wegner Walter Robert Wegner Victor Johannes Weiss Louis Ernest Weymuller Charles Rollin Williams

Meade Mohun Clifford Veryl Morgan Harry Merrill Murdock John Raymond Nagle Charles Lindsay Nutzman Margaret Josephine O'Sullivan Oliver Paul Rosenau Edwin Ernest Sawyer Hans Emil August Schroeder Reuben Zeiten Schulz **Edward Harry Stahly** Richard Amos Steere Joseph Stanley Swoboda Joseph Browning Thornell Ambrose Roy Wanamaker Joseph Francis Whalen Frank Edward Wiebe

Thomas Mellish Mossman Arthur Montgomery Mulligan Rhoda Ursula Musgrave Gustav Nils Nilsson Charles Carl Pelikan Arthur Edward Peterson John Chaney Peterson Eric Paul Pfeiffer Kenneth Eugene Prescott Robert Louis Preston Bert William Pyle Robert Houston Rasgorshek James Paul Rigg Clarence Willard Sabin Arthur Kazu Saiki Jerome Hartzly Smith Regnar Michael Sorensen

Samuel Ross Taggart Ralph M. Thompson Linville Franklin Valentine James Clark Van Valin

Otis Leon Anderson Eugene Lester Aten Edwin Blair Banister Harold Lewis Bollig Elton Poole Bozarth Harold Ivan Brown Edward Frederick Bruning Lauren Fletcher Busby John Hargreaves Calvert Harold Eastman Coder Kaho Daily Floyd Earl Dillenbeck James Plumer Donelan Theodore Drdla Thomas Molesworth Gairdner Albert William Glathar Henry James Green Marls Caulkins Green Charles Wayne Guildner Allen Clay Gwinn, Jr. Arthur B. Halliday William Rudolph Hamsa Douglas Edwin Hansen William Edward Heilesen Harry Michael Hepperlen, Jr. Herman Mehrens Hurdum

Payson Stone Adams Samuel Donald Aiken Edward Alberts Herbert Frederick Anderson Joe William Baird Charles Preston Baker DeWitt Clinton Beebe Winfred Reynolds Blume Melvin Cooper Bolender Robert Gale Boyd Frank Wayne Brewster Everett Guy Brillhart Gene Delmar Caldwell Clarence Everett Crook Robert Raymond Donley Clarence liams Drummond Harold B. Dye Orrin Cecil Ehlers Olin Austin Elliott Dorothy Jane Fawthrop Glen Keith Folger William Porter Forcade

Carl Philip Wagner William Welsh Webster Thomas Wells Edwin Hamilton Willmarth

#### 1929

Frederick Merrill Karrer Sanford Sadao Katsuki Harold Vinton Larson Homer Cleveland Lawson Ernest Verdon Lewis James Tyree Lewis Claude Harry Linsley Isaiah Lukens, Jr. Harold Bradley Luscombe Lawrence Sevier McAlister Charles Christian Madsen, Jr. John Warner Malzacher William Rudolph Mechtenberg Harold Nathan Miller Robert John Moes Francis John Murphy John Tennyson Myers Victor Delmer Norall Herman Victor Nuss Horace Harold Porter Steven Alfred Porter Lloyd Elmer Ragan Raymond Maine Rice Robert Lyle Rodwell Alton Joseph Saxton Ralph Leonard Schroder

Marion Edward Wilmoth David Edgar Wynegar Joseph Albert Zahorchak LeRoy Lloyd Zierott

Marie Neilsine Simonsen Clifford Lamar Smith Merle Everett Smith Thomas Regula Stander Jerrold Frank Stibal Cecil George Stillinger Philip Maus Strowbridge Frederick Franklin Teal, Jr. Charles Edward Thompson Paul Wayne Tipton James Perry Tollman Wilson James Troup John Guy Tucker William Duncan Turner Roland William Tyson Glen Fredrick Waltemath Clayton Guy Weigand Dorwin Burdette Wengert William David Wessly LaMont N. Whittier Vernon Melvin Winkle Herbert Westbrook Worthman Merlin Ralph Wyatt Wray Adla Yoder

#### 1930

Frank Spencer Furman Mahlon William Garrison Francis Kenneth Gates Lloyd Eugene Griffis Thomas Laurin Gritzka Charles Ernest Gurney William Newlon Hahn Leland Jack Hanchett William Edwin Hay Lloyd Perry Hetherington Robert Lee Hook Arthur Emanuel Jensen Delbert Kenneth Judd Clifford Foster Kent Jerry Christensen Kildebeck Leslie Homer Knonmiller Raymond Gerald Lewis Rose Linsman Oliver Dale Lloyd Lloyd Scott McNeill Edward Merle Mark Louis Edward Marx

Willard Merle Meininger Ralph Samuel Metheny Robert Hollingworth Moore Lloyd Harvey Mousel John Marshall Neely Lyle Arford Newton Kyuro Okazaki William Emanuel Olson Alan Randolph Reff Howard Rover Albert Charles Schmidt Omer LeRoy Seng Wilfred Lyle Shaw John McFarland Sheldon Robert Earl Staley Gilbert Carl Struble William Wayne Waddell Horace Halsey Whitlock George Warren Wright Richard Hart Young

George Erwin Baker Ramey M. Baker Floyd William Baugh Norbert George Benesh Donald Armand Betz Herbert Alva Blackstone Henry Blum Lelland Roy Brady James Whitney Carr Robert Marshall Collins Horatio Vosburgh Crum Theodore Martin Ebers Daniel Snell Egbert Warren Henry Fairbanks Ray Bennett Farnsworth Fred John Fricke Arthur Alfred Fuhlbrigge Ralph Henry Fuller Landon Greene Gant William Johnson Gentry Harold Gifford, Jr.

Ronald Clifford Anderson Bruce Robert Austin Ellis Ellsworth Baker Carl John Baumgartner Warner Fremont-Bowers Arthur Ward Bowles Arthur Willard Burgess Arnold Gehman Burnham Robert LaShore Callison Howard Duncan Cogswell James Randall Cooper Carroll Wright Dewey Stanley Drasky Harley Sven Eklund Gordon Glenn Feldman Con Fenning Bryan Thomas Fenton Howard I. Frisbie Erling Sverre Fugelso Earl Emery Gingles Milton Jackson Groat Max Harrison Grow Millard Edwin Gump Robert George Handerson Bruce Herbert Holmes Hay J. Bruce Henriksen

Raymond Robert Andersen Milan Daniel Baker Paul Quinn Baker William Young Baker Lowell Colvin Barr Meyer Beber Samuel Parker Benbrook Ralph Wendell Bigger Howard John Black

Albert Parker Graham John Dryer Green Holly Hartung Heitzman James William Hervert Carl Ferdinand Hille Elmer Theodore Hobbs George Haruto Kodama Lloyd Nelson Kunkel Guy Robert McCutchan Kenneth Loer McShane Jacob Otto Mall Raymond William Mangels Herbert Hamlin Miller George Howard Moranville Leonard Byron Moyer Marvin Nerseth Vernal Clarence Norine Harold Edward Petersen Marc Ray Petersen Harvey Elmore Pinto George LeRoy Porter

#### 1932

Roscoe Carson Hildreth Eugene Scott Hill Floyd Ira Hohnstein Clark Paul Jeffers Paul Hamilton Jenkins Glen Howard Joder Tyre Kenneth Jones Ralph Enoch Jorgenson Louis William Katzberg Ross Clarence King Serapion Buenafe Ledesma Frederick Lemere Tim Daniel Leon Theodore Loken John Thomas McGreer, Jr. Norval Wertman McKittrick Donald Claude Malcolm Werner Walter Mall Julius Milton Margolin Claude Theodore Mason James Anders Mason Foster Louis Matchett Ray Meidinger Noah Richard Miller Ferrall Harmon Moore Hamilton Henry Morrow

#### 1933

Harvey Lee Casebeer Howard Michael Chaloupka John Harold Clements Elmer Theodore Coates Carl Burton Cone Joseph Merle Cowen Edward Valentine Davis Harold Albert Duey Coburn Hudson Ellis Harvey Daniel Runty Harold Russell Sandstead Walter Phelps Senter Shelby Edward Shannon Lynn Edward Sharrar Sion Frederick Sherrill Richard James Silvis Cecil Francis Simmons Roy Davis Sinclair James Campbell Soderstrom Kenneth Malcolm Soderstorm Rex Miller Strader Albert Theodore Sudman Thomas Dick Thompson Maurice Daniel Vest Irving Manford Waggoner Henry Ware Walters Ernest Alfred Weymuller Ernest Earl Wise Willis Dean Wright Kaname Yoshimura

Paul Newton Morrow Floyd Carl Nelson William Theodore Nygren Enoch Reed Oakley Clarence Robert Osborn Peter Carl Petersen Sherman Spalding Pinto Paul Campbell Platt Gordon Allen Prachar William George Rathmann Merrill John Reeh Louis Mayo Rosenbladt William Frank Sercl John Charles Sharpe Alfred George Spencer Herbert Frederick Frank Staubitz John Noel Stewart Freeman Linn Stillman Clarence Johnson Strand Charles Oliver Sweet John Henry Taber Wallace Daniel Thornbloom Randolph Henry Tibbels Harry Glenn Williams Arthur Vance Wortman

Albert Herman Fechner
Earl Everett Feind
Everett Jesse Garrison
Frank Ira Gilliland
Kenmeth Dell Grace
Arthur Morton Greene
Chauncey Alexander Hager
Austin Preble Haller
William Morgan Haller, Jr.

Orlando Jacob Hawkins John Orland Heald Lyman Howard Heine George Richard Hrdlicka Roland Forrest Hubner Leslie Loran Huntley Harry Anderson Jakeman Marshall Nelson Jensen Leo Edward Jewell Harald Norlin Johnson Edwin Myron Kahn Boyd G. King Ronald Fisher Kirk Richard Alfred Krause Lester Clayton Krotcher Joseph Calvin Lawrence, Jr.

Leonel Lewis Loder Albert Franklin Luppens John Joseph McCarthy Warren Samuel McClatchev Pauline Rebecca McConnell Frederick Lloyd Meeske John King Miller Willard Hammond Pennoyer Robert James Ralston Roy Carl Rehder Percy Allison Reitz Verne Johnson Reynolds Roscoe Davis Roadruck Stanley Warner Roberts Curtis Lovene Rogers Theodore Eugene Sanders

1934

Jacob Ferdinand Schultz
George Lucien Sears
Norman Clifford Shoemaker
Angeline Frances Simecek
Victor Hugo Simecek
Fay Smith
Eldon Carl Swanson
Gerald Frederick Thomas
Clarence Joseph Toohey
William Grant Ure
John Howard Waterman
Hugh Herbert Williams, Jr.
Martin Palmer Williams
Charles Norman Witte
Leigh Hubbard Womble, Jr.

John Carl Aarni Donald Marr Alderson Bruce Vernon Andersen Edgar Emmet Anderson Walter Lyman Anderson Louis Arthur Azorin Leo Genimore Baisinger Robert Joseph Benford Miriam Crowell Benner Robert Parks Best Joseph Meredith Boomer Marion Frances Booth Charles Olin Bruce, Jr. John Milton Butler John Andrew Chapman Howard Malin Coe Delmar Lee Coffman John Milton Coletti William Louis Coon John Russel Curry C. Braxton Davis II Jack Lewis Diamond Louis Everett Dickinson Harold Chester Dix Arthur Axtell Enos William Cyril Ferguson Burhl Babbitt Gilpin, Jr. Dagmar Jorgensen Glood Walter Cheney Graham

Frank Theo Herhahn Milton Roger Himalstein Leo Lobson Hoevet Ralph Booth Hogan Edward Augustus Holyoke Clifford Dale Howard Charles William Ihle, Jr. Robert Shizuo Kinoshita Harold Andrew LaFleur Walter Elam Landis Kenneth Joy Loder George E. Loupee Daniel Pollard McCleery Harold Arthur McConahay Arch Stinson McMillen Harry Wayne McNerney Ernest Carl Magaret Clyde Simpson W. Martin James Wicher Martin Glenn Henry Mathis Lawrence Milford Mattison William Howard Morrison Erroll Allen Moss John Dwight Munsell Sylvester Preston Norman Kenneth Adelbert Ohme Joseph Knight Orr Hyman Richard Osheroff Charles William Pemberton

John Paul Person Millard Theodore Petersen Kenneth Harvey Prescott John Nicholas Round David Ivan Rutledge John Fred Sanders Roy Franklin Schall Frederick Carl Schlumberger Elvin Vavrinec Semrad George Oliver Shaner Francis Lenocker Simonds Wayne Benjamin Slaughter Daniel Denver Smith Karl Franklin Stefan Carl H. L. Stehl Robert Johnston Stein Mary Lucille Swayze Charles David Thompson Walker Thompson Robert Grant Thornburgh Charles Archibald Tompkins Maxwell Theodore Wainwright William Philip Warner, Jr. Arnold Irving Webman Ernest Lloyd Wilbur Opal Lester Wood Reginald James Young

#### Blair Stone Adams Carroll Omar Adams Donald Roy Adams Paul Emanuel Anderson Wilbur Guy Ball Paul Martin Bancroft Leonard Hobbs Barber Frederick White Beck

Orlo Keely Behr

Frank Jerry Bertoncelj

Frederick F. Ackerman

Richard Fuller Birge
Hollis Harrison Brainard
Donald Clarence Campbell
Porter Shelby Cannon
Julius Byron Christensen
Louis Allan Cohen
John Russell Darrah
Robert Foster Day
Douglas Dwight Dickson
Kenneth Richard Drewelow
Dorothy Evelyn Ekstrom

Clyde Wilmer Everett
Eugene Graham Ewing
James Edward Feldmayer
Norton Lewis Francis
Palmer Roger Gallup
Julius Charles Goldner
Meyer Zachary Goldner
Gordon Andrew Gunn
Frank Wilson Gwinn
Donald Macrae Harris
Maxwell Joseph Harris

#### 1935

Bernard Joy Harvey
Linus Worth Hewit
Harold Francis Hoefer
Paul James Huber
Glenn Dale Hutchinson
Julian Erich Jacobs
Marvin Anthon Johnson
John Addison Kahl
George John Klok
Harris Vincent Lilga
John Irwin Limburg, Jr.
Joseph Francis Linsman
George Hammond Lord
Robert Allan Lovell
Kenneth Floyd McDermott

George Thomas Alliband Lawrence Lloyd Anderson Martin Frederick Anderson James Edward Bailey, Jr. James Harry Bena Robert Sol Bernsteine Francis Randolph X. Byron Dale Corbin Cameron Darrell Arthur Campbell Donald Edgar Carle Charles Maxwell Coe Albert Paul Condon Glenn Delroy Crook Urban James Dowling Houghton Francis Elias Herman Irwin Faier Richard Paul Fitzgerald Harry Orwin Frazier McCleery Glazier Howard Wilbur Granden Chester Floyd Green Benjamin Hayes Grimm Warren Dean Hansen Frederick Raymond Hanson

Warren Harrison Alden Roy Johnson Allen Lennart Emmanuel Almer Max Gordon Altschuler LeRoy Charles Askwig Cecil Francis Baisinger Harry Edward Beaghler Richard Coar Boyer Willard Clouse Brinegar Carroll Adkins Brown James Matthews Brown Clayton Edwin Buhl Lester James Buis Ruth Reuben Burroughs Louis Scott Campbell George Colling Cash Willard Joseph Chandler

Kenneth Calder McLeod Arnold Carl Niemeyer Howard Louis Penning Robert Adonijah Powell Olon David Prentice Elton Walter Recroft Allen Wirth Riedesel Earl Alvin Rogers Forrest Ivan Rose William Einar Rosen John Arthur Rosenau Martin Joseph Rucker Gilbert Lee Sandritter Norvin Richard Smith Forrest Benjamin Spieler

#### 1936

Oliver William Hasselblad Paul Wesley Hayes Alice Grace Hildebrand Frank Anthony Inda Robert Eugene Karrer William Charles Keettel, Jr. Richard Clyde Kiltz LeRoy J. Kleinsasser Reinhold Henry Kohtz Herbert Dietrich Kuper Robert Ramsay Livingston Leonard Charles Lund Bernard Edward McConville George Sherill McMillan Eugene Joseph Maire Walford Daniel Marrs Wesley Long Mays Clinton Charles Millett John Ogden Milligan Howard Eugene Mitchell Grant Fletcher Mollring George William Morris Frank Andrew Morrison Claude Michael Mousel

Lloyd Leslie Thompson
Frank Wilson Threadgill
Irvín Leroy Tilden
Harry Randall Tollefsen
George Logan Tracewell
Frank George Travnicek
David Harney Waterman
Walter Joseph Wherry
Gordon Charles Whiston
Robert Spencer Wigton
Raymond Joseph Wyrens

Joseph Byron Steward

Harold Leslie Temple

Robert John Streitwieser

Maurice Lewis Pepper Archie Campbell Powell Robert Walker Robinson James William Sampson Wayne Julius Schall Edwin Webster Shearburn Warren Audrey Shoecraft Earl Charles Slaughter Joseph William Still Charles Lyon Sturdevant Eugene Lumir Tepley Lowell Irving Thomas Ernest Frank Tinetti Robert Emmet Tinley Frank Arthur Uridel Chester Hill Waters, Jr. John Henry Weare Harry Bernard Weinberg Russell Irenus Williams George Alexander Young, Jr. Edward William Zeman Wiley Carl Zink

#### 1937

George Paul Charlton Raymond Cornell Chatfield Donald Walker Cheff William Richard Coleman Donald Orie Craig Ralph Thomas Cunningham James Zimmiri Davis John Barnes Dressler Richard Leonidas Dunlap Wilbur Smith Eaton Harold Everett Eggers, Jr. Russell William Enos Jack Matthews Farris Alister Ian Finlayson James Vincent Flaherty Maurice Doyle Frazer Shelby Garrett Gambie

Edward Thomas Gerin Walter Ernest Goehring Harold Buffington Graves Richard Walter Gray John Dayton Hamer Joe Tynt Alimo Hanna Richard Spaulding Heath John Warren Henderson Joe Maurice Horwich Charles Gregory Ingham Robert Benjamin Johnson Karl George Kastl Harold Douthitt Kautz Max Rudolph Kiesselbach Jack Adrian Killins Clair Michale Kos Don Clare Koser

John Bell Krahl
Orville Charles Kroger
John Dewey LeMar
Robert William LeVine
Joseph Francis McDonough
Lee Fred Martinson
Paul Donald Marx
Ralph Cory Moore
Horace Varnum Munger
Henry Dey Myers
Donald McColl Norquist
Harold Jay Panzer

John Sheridan Anderson LeRoy Judson Ayers John Langdon Batty Wesly Lyman Bayles Chris U. Bitner Donald Berthold Blume Elmer Henry Borck Emery Wilbur Carlson Vincent Gustave Cedarblade Morgan Russell Colbert Wilber Dale Currier William Albert Day Henry Livesey DeLong Leo L. Diamond George Raymond Dornberger Max Walter Emmert, Jr. Garfield Francis Hawlick Robert Max Leilman Walter Ray Hill Beryl Hirschfeld William Esburn Holmes Joe Edward Holoubek Charles Chester Impey Elgie Karl Johnson Elmer Bernard Johnson

Harry Hubbard Andrews Herbert Gordon Barber Robert Eli Barton Harry Spencer Beckwith Edward Lloyd Binkley, Jr. Eugene Woodrow Black James Berl Blair Ralph Ledwich Blair Thomas Wayne Brewer Clarence Raymond Brott William Woodward Bruce Donald John Bucholz Neal Maynard Burr Stewart Kahni Bush Edward Michau Cannon Oscar Carp Adolph Bohumil Cimfel Keith W. Corpe Henry Graham Crellin Dale Henley Davies

George Francois Pinne Nicholas Peter Plechas Lester Junior Pope William Bently Potter George William Pugsley Raymond Ralph Rembolt William Jay Resniek Robert Rolland Rigg Anthony Theodore Rose William Joseph Rosenbladt Harold Richard Rossmiller Louis Franklin Saylor

#### 1938

Franklyn Henning Johnson Rush William Karrer John Charles Kennedy Adolphe Joseph Kerbel Frank Joseph Klabens Frederick Dee Koehne Edward Ernest Lindell Harold Haze Macumber William Robert Malony Roy Martin Matson Jack Eldred Maxfield Donald Wesley Miller Herbert Charles Modlin John James Modlin Orville Morris Moore Orvis A. Neely Lawrence Meier Nelson Kenneth Anthony O'Connor Paul Bryant Olsson William Osheroff Charles Lieben Park Paul Milton Pedersen Wendell Case Peterson Roy Fredolph Pierson Marvin Irwin Pizer

#### 1939

Louis Tookey Davies Warren Miller Dilworth Ellet Haller Drake John Hoagland Easley John Erbes Marjorie Marie Everett Ben Edward Ewing Henry Douglas Feusner Albert Edward Freed Charles Craig Gass John Edwin Gilmore Charles Robert Hankins Albert Molzahn Harris Robert Crossett Hawkins, II Clarence Scheie Hoekstra Nathaniel Rogers Hollister John Cyrus Ivins Wilbur Edward Johnson William Andrew Johnson William Frank Kimmell

Woodrow Warner Schmela Floyd Wayne Schow Marcellus Clay Shurtleff Rolland Bernard Sigafoos Guy Peter Slaughter Dorothy Helen Thompson Frank Blaine Truesdell Donald Clay Vroman Glenn Harvey Walker Robert Edward Williams Theodore Winship Floyd Lem Woolcott, Jr.

Richard Carney Porter Lumir Louis Ptak Ross Campbell Pyle Albert Edward Raitt Delbert Reed Robert Chace Reeder Francis Lee Richards Edward E. Rosenbaum Donald Ross Herbert Eugene Salsburg Willard George Seng James Koken Shafer Alfred Paul Stappenbeck H. Ivan Stearns Richard Mathias Still Vean Melford Stone Edgar Elmer Struve Frank Harold Tanner Ross Van Valkenburg Taylor Ronald Wilmer Thompson Olfert Winther Topp Floyd Glenn Warrick Clarence Roland Weber Murray Otto S. Westerbeck Clarence Swan Youngstrom

Thomas Albro King Keith Frederick Krausnick Leroy William LaTowsky Robert Earl Lloyd Harry Alfred Lotman James Deloss Loudon Robert Ellsworth Lovgren Clarence Andrew Luckey Deane Sidney Marcy John Meier Meeske Willis Arthur Melcher Harlon Emerson Moore Merle McNeil Musselman Milton Nelson Neibrief John Erwin Patton Sanford Gifford MacArthur Rathbun Mark Richard Rhea Richard Henry Schaefers Rudolph George Schmidt Robert Harry Schock

Rudolph Fred Sievers Mary Katherine Smith Morris Arthur Sonderegger LaVern Craig Strough

Walter Alwin Georg Armbrust Maurice Joyce Ayres Wallace Edgar Baker Joseph Harold Barr Charles Mervil Bonniwell Herman Henry Brinkman Kenneth Winston Brown Norville Lawrence Butler Wayne Webster Carpenter Robert Lawrence Casebeer Ernest Anthony Cerv Sidney Alexander Chait W. Harold Civin Robert Morris Cochran Alfred Lyman Cook Robert Francis Corkle Richard Corbin Cullen Robert Jerome Day Thomas William Deakin Wilford Joel Deweese Edith Eason John Edgar Farner Robert Henry Fishbach Philip Andrew Fuqua Jess Franklin Gamble William Vincent Glenn

Verne Hugo Alder Vernon Krueger Anderl Leo Eugene Anderson Clifford Howard Babbitt Stanley Monrad Bach Nicholas Edward Bailey Carl Cecil Barr Paul Victor Bartos Robert Francis Biglin Eldon Charles Blizard Jacob James Brenneman John Andrew Brown, III Robert Ward Chamberlain Carl Eugene Chism Harvey Gayle Copsey Guy Harman Crook Roger Trafton Drew Frank Lewis Eagle James Franklin Embick Robert Halbert Finley Richard Arthur Flebbe Harold F. Friesen Frank Arthur Goss William Gray Frank Stewart Greenslit Lawrence James Gridley

Henry A. Sydow Robert Daniel Warnke Jack Kenneth Wickstrom Charles Bennett Wills

#### 1940

Henry Christian Grabow Oscar William Haffke Arthur Boydston Hardy Harmon Thomas Harvey John Paul Heinke Carl Augustus Heise, Jr. Victor Adam Herrmann Robert Antoine Hillyer John Bartlett Holyoke Frank Gilbert Johnson Julius Max Kantor Harry Alvin Knauff John Frederick Knox William Pierce Logan Robert Stanley Long Lucile Elise Loseke Vincent Sieber Lynn Raymond Cronin McIllece Stuart Johnson McWhorter Thomas Emmett Mangum, Jr. Gordon Mather Martin Robert James Morgan Cynthia Trammell Morton Frank David Mossman Wendell James Newcomb Robert Earle Nuernberger

Wendell Thomas Wingett Robert Carl Winter

Dan Atchison Nye Ralph Lyle Oppen Edward Joseph Clarence Panzer Ralph Burton Pfeiffer Elizabeth Roberta Philips Reginald Clark Randall Charles Erskine Richards William M. Rosenbaum Lawrence Joe Ruzicka Stanley Herbert Schonberger Alfred Harold Shamberg Howard Clarence Slaughter John Clark Slaughter, Jr. Melvin Lawrence Sommer Clarence Nicholas Sorensen Richard Lee Spradling Frank Ashbrook Stewart Hubert Clare Stewart Charles Campbell Stuart Philip Russel Teal Robert Hadley Townley Merlin Lee Trumbull Francis Vaclav Vesely Clare Coulter Wolf

#### 1941

George William Hardt Robert Charles Hasty Kathryn Dodds Hill Jerome Herbert Hirschmann William Gray Hollister Lee Chader Holmes Harold Harper Kerr Joseph John Koutsky Jacob Thomas Krieg, Jr. Clifford Earl Lierman Kenneth A. Lightbody John Lewis McFee Kenneth Tidyman McGinnis Charles Lafayette Marsh Guy Melvin Matson Harold Kenneth Merslis Robert Earl Morris Alvin Thomas Nelson Joseph John Novak William Edwin Nutzman Willard Raymond Peck Richard Earl Penry Harry Perelman Paul Leland Peterson Matthew Ashton Pilling Stanley Ernest Potter

Donald Frederick Purvis William Earl Redfern Walter M. Reiner Ronald Reuben Nathaniel Charles Scott Vance Edward Senter Robert Deems Shepard Paul Francis Shirey Sanford Orville Staley **Edward Manning Stoll** Charles Rodney Stoltz Harold Robert Stowe Estel George Surber Samuel August Swenson, Jr. Willis Heacock Taylor, Jr. Robert Browning Venner Glenn Quintin Voyles Carruth John Wagner John Prentice Wendland Charles Marvin White Clare Cottrell Wiley Julius Langson Willson John Maurice Wilson Burton Sinclair Wilt Glenn Randolph Wright



Ethel Irene Adler Richard Fortune Altman Gustave Theodore Anderson Charles Ferg Ashby Lesem James Baer Donald Fordyce Bellamy Fleanor Maxine Bennett Wilbur Keith Bennett Norman Bolker Robert Bruce Bradshaw Richard Fredrick Brendel Lewis George Bunting Louis Bernard Bushman, Jr. Rex Nele Carr Jean Clark Erwin Leroy Conry George Cullen Thomas Hayes Davidson Roger Ernest Drown Norman Edward Dyhrberg Fay Lorenzo Garner Howard Henderson Gessford **Donald Ferdinand Griess** 

Burnell Howard Adams George William Ainlay, Jr. James Burns Anderson Sven Aage Bach Gordon Dale Bell William Samuel Bivens Donald Eugene Brewster Marion Porter Brolsma John Hobart Brush Robert Charles Byers Blaine Peter Carey Richard William Carroll Howard C. Cowlishaw Donna Coleen Cowgill Gerald Martin Eastham Thomas Spencer Elliott John Joseph Feehan, Jr. Robert Clark Fenstermacher Vernon Warner Filley Carl Laughlin Frank Muriel Naomi Frank Charles Roger Freed Louis William Gilbert Louis James Gogela Joseph Leonard Goldner

Hodson Arthur Hansen Theodore Marcus Hansen Fred Wilson Harb Frederick Bowen Hawkins Carl Herbert Heldebrand, Jr. Howard Hadden Hildebrand Evans Zack Hornberger Loren Edwin Imes George Nick Johnson Richard Moltzen Johnson Harold William Jones Lawrence Bernard Kuhlmann Harry George Lammel Vance Eugene Link Ivan Albert May Duane Alva Meier James William Murdoch Arnold Kenneth Myrabo John Cassius Nelson Claude Wilbur Otto Wilbur C. Overmiller James Richard Paul Hubert Oscar Paulson

#### 1943

David Kalil Haggar Robert Wade Hall John Kenneth Hamel Oliver Adolph Horak Charles Eugene Hranac Myron Clinton Johnson Theodore Henry Koefoot, Jr. Max Sanborn Lake James Lauridsen John Gould Lavender Richard Leroy Lawton Robert Allison Lehmer Patrick Robert Leonard George Jefferson Lytton Charles Schindel McCulloch Millard Blair McGee John Irwin McGirr, Jr. John Anderson McMillan John George Markle Harold Andrew Mattson Samuel Fredrick Ernst Moessner Albert William Monovitz William Elbert Morris Austin Edward Mutz Frederick Martin Nebe

Donald Henry Penner Frank John Peter George Edgar Place Jonas Alfred Proffitt Margaret Jo Prouty John Josiah Redfield Harmon Elliott Rider Elliott William Schilke Dean Harold Schufeldt Paul Milton Scott William Skokan Arthur Aaron Spar Lavern Donahue Sprague Clyde Everett Stanfield Richard Fredrick Stappenbeck Robert Leo Stuart Maurice Tatelman Edwin Lawrence Taylor Lynn Wirt Thompson George St. George Tyner Eugene George Van Ackeren Jacob C. Wagner Thomas Harden Willcockson

Stanley Roy Neil William Evans Neville Edward George Panter Arthur Sterling Paris Earl Stanley Pederson Stanley Schoolcraft Peterson Arthur Francis Reimers Wilbur Louis Reimers Donald Thomas Rice John Alton Robb Erwin Heldt Roeser Paul Carl Roock Richard Hathaway Smiley Edward Joseph Smith Richard Dale Smith Robert Sigel Squires Emil Synovec Bowen Eacritt Taylor Richard Louis Thomas Clifford Simpson Weare Stuart Paul Wiley Norman Joseph Wisner, Jr. Reginald Matt Wurtz

Harland Thomas Hermann

James Wilson Allely Harlan Burnell Anderson Harvey Chris Anderson Milton Henry Anderson Elmer Jacob Artist Harry Clay Barton, Jr. Joseph Delmar Beck William Albert Blank Rosalie Eva Breuer William Charles Brown Dwight Willard Burney, Jr. Stuart Douglas Campbell Russell Malachi Cashen Howard McGinnis Clemmons John Paul Dahlstet Robert Hugh Dickinson Eugene Dobrin Erman John Howard Freed Ivan Merwyn French Elmer Erwin Glenn Carrol Wilson Goss Daniel Edward Greene Paul Condon Griffith John Embree Haworth Ervin Nicholas Heiser

William Alden Hinrichs Cedric Cloys Johnson Orlin Harry Jorgensen Clyde Louis Kleager Laurance Dean Lane Warren Chancellor Lewis Harry Neis Lindell Richard Harry Linn Harry Webber McFadden, Jr. Paul Jean Maxwell Robert Bruce Merrick Leslie Carl Meyer Lloyd Frederick Miller Oscar Warren Miller Haskell Morris Gordon Leigh Neligh Wallace Warner Nelson William Burritt Nichus Richard Stanley Osterholm Elmer Louis Penner Roy Marvin Peters Donald Martin Petersen Harold Raymond Peterson Marven John Pollard 1945

Max McCoy Raines Emmett Clair Rankin John Arthur Rasmussen Billy Elmer Reasoner Raymond Hazen Ridenour Wilfred Nolan Sanders Donald Paul Schulz John Howard Scofield Edwin Curtis Segard Keith Walker Sheldon Owen LeRoy Slaughter Ted R. Smalldon LaVerne Christian Steffens Harry Elmer Stickler Frank Paschal Stone Kenneth William Teich Robert Charles Therien Austin Lorenzo Vickery, Jr. William Franklyn Wagner Kathleen Ruth Wickman Kenneth Paul Wittstruck Bradley Burton Woodruff Donald Edward Wyrens

Herbert George Ahrens Arthur Thomas Austin Raymond Carl Beethe Dwight Peter Bent Brigham Loy Thietje Brown Jared Leigh Bryngelson Nelson St. Clair Butterworth Jack Lloyd Colglazier Henry Morgan Cook, Jr. Murray Humiston Crouse Abram Eugene Dansky Philip Augustus Deffer Henry Edwin Devnich Russell Alvin DeVol Verne Frederick Deyke Donald George Dickson Robert Bruce Dodd Nicholas George Douvas William Arthur Ehlers Norma Taylor Ellingwood Grace Edwina Evans Max William Flothow, Jr. Adrian Alan Foe Samuel Isaiah Fuenning Leroy Turner Gathman August Charles Gauchat

Ray O'Herin Gillies, Jr. William Ernest Graham Edward Carl Hanisch Karl Bruno Hansen Robert William Herpolscheimer Dale Wayne Hurley David Emanuel Nelson Ikast Michael Z. Irvin Herbert Saul Jackson Donald Robert Jackson Lynn A. James Marlin John Elof Johnson Walter Leland Johnson Aubrey Harris Jones Robert William Keast James Maurice Keirnan Fred Ervin King Gerald August Kuehn Vincent William Lauby Robert Hilton Lemmon Rufus Ashley Lyman, Jr. Willis Eugene Mease Richard Kewenige Miller Karem John Monsour Nathan Leonard Morgenstern Arnold Thorvald Nielsen

Paul David Pedersen Frank William Pirruccello John David Pollack Richard Frederic Raasch John Wright Redelfs Richard Clair Ripple Russell Brian Rundquist Roland Edmunds Schneckloth Edward Elmer Shev Kenneth Andrew Storsteen Charles Turman Streeter John William Unruh Robert David Vickery Donald John Wagner Harvey Harmon Waldo Floyd John Walter James Harvey Watts, Jr. John Carl White Carlyle Everett Wilson, Jr. Richard Barr Wilson Ray Gardner Witham Justin Jacob Wolfson William Peter Yoachim, Jr. Charles Dean Yohe

#### 1946

John Anton Adamson Charles William Arnot John Lucian Barmore William Claire Barritt Lloyd Leslie Barta Jack Louis Berman Lucien Harding Blattspieler Kenneth Adams Blinn William Carl Boelter Joseph Kent Boughn Roger William Boulden Edward Robert Brousseau Byron Lester Brown Vernon George Bugh Billy June Carter Wallace Leroy Chambers Robert Ashley Chesnut Kenneth George Chinburg Frank Dixon Conlin **Edwin Davis** James Allan Davis Jack Samuel DeBusk William John Dickerson Merton Leon Ekwall John Clayton Filkins Marvyn Bliss Francis Richard Elliott Geesaman Harold LeeRoy Guard Dale Caldwell Hathaway Robert Herman Heise Edward John Hinrichs Charles Robert Holm Leo Thomas Hood

Mary Elizabeth Anderson Dean Robbins Archer Richard Lee Bartley Marcus Richard Beck James Dennis Bell Robert Bennett Benthack Lloyd Donald Bridenbaugh, Jr. Charles William Broders Elroy Alfred Brugh Malcom Sexton Byers Leonard James Chadek Melville Louis Chaloupka Frederick Gene Collins Edwin Theodore Cooke Robert Dean Dalager Robert Russell Davies Albert Frederick Degner Lloyd Londrosh Downing Robert Wayne Ehrlich Louis Leroy Ericson William Nathan Fawell Robert Ellsworth Fitch David Wright Flory Robert John Foley Cletus Troy Frerichs Donald Delby Haase

John Hesla Aga Marion Edward Alberts Frederic Ray Allen Charles Granville Beede George Franklin Canady Charles Iams Cerney Paul Ronald Crellin Roger Ackard Cutshall Joseph David, Jr. Byron Howard Demorest Louis Boyce Edelman George Marlin Horner Theodore Franklin Hubbard Robert Hunter Hughes Richard Arthur Jones Richard Warren Kalmansohn Ray Ernest King Nathan Daniel Kline Edward Langdon Sherwood Lee Larson John Francis Latenser John Fred Laws Kermit Leonard Robert Warring Ludwick Dean Allen McGee Waldean Chester McIntire Ernest Lynn MacQuiddy, Jr. William Michael McQuillan Edward Marvin Malashock John Albert Meier Harold Baker Miller William Reece Elton Newman

#### 1947

**Burton Ray Hall** Robert Wiese Hanisch Howard Edward Hansen Harold Elmer Harvey Walter Carlton Harvey, Jr. Charles Frank Heider Charles Gordon Hermann Arthur E. Hertzler Edward Emil Houfek Gerriet Arthur Janssen Aldis Adelbert Johnson, Jr. Verner Stanley Johnson Donald Charles Kent Robert Reese Koefoot Carl Donald Koutsky Willard George Kuehn Edwin John Leoffel George Walter Loomis Robert James Lynn Thomas Joseph McGuire Patricia Elizabeth McIllece Esar Gordon Margolin Lee David Meese Homer Curtiss Merrick, Jr. Lyle David Milliken, Jr. Marvin Christensen Nelson

#### 1948

Gordon Noble Farner
Harold Allen Fenner, Jr.
William Melvin Fitch
Shaun Dennis Gunderson
Henry Shields Haerle
Louis Everett Hanisch, Jr.
Charles Leroy Hedberg
Clarence Raymond Heidenreich
Billy Jay Hill
John Riale Hornberger
Seward Keith Imes

Byron Bay Oberst Frank Boyd O'Connell, Jr. Gordon Quentin Olsson Donald Olin Osborn Deane Alfred Petersen Dale Orville Proter James Edgar Ramsay Ronald Franklin Rebal Elmer Howard Reeves Arthur Udell Rivin Hubert Harmer Rodman Myron Earl Samuelson Preston James Shafer LeRoy James Sides Craig Raymond Sigman George William Thatcher Thomas Ralph Viner Roger Keith Wallace Joseph Berry Wildhaber Lincoln Edward Wilson Verla Ellen Worthing

Arthur Morris Pedersen Samuel Huntington Perry Byron Douglas Petersen Kenneth Pierson Kenneth Dwight Rose Myron Ethan Rubnitz Donald Herbert Sallenback Herbert Samuel Salzberg Robert Henry Scherer Frederick Paul Schnell Gilbert Carlyle Schreiner Melvin M. Schwartz Milton Simons Merle Eugene Sjogren Maxey Jean Smith Wesley Austin Soland Wayne Orin Southwick Edmund Arthur Steenberg Leon Ethelbert Steiner Paul Abraham Stoesz Oliver Matthew Storsteen Frank Darwin Sundstrom Ernest Otto Theilen Edwin Jay Westfall John Gantt Yost Clarence Zimmer

Robert Warren Jerner Robert Bruce Johnson Robert Walter Johnson Robert Bruce Kalmansohn Betty Hall Kane Alvin Katsman Kenneth Francis Kimball George Wilbert Kleinschmidt Robert Ray Kopecky John Montgomery Kroyer James Florenz Lage William H. Leask
John Franklin Leeds
Holton Charles Letson
Arthur Fulton Lincoln
Ward Alexander McClanahan
Raymond Howard McCoy
Robert Harry McIntire
Russell Junior McIntire
Philip Doty McIntosh
Robert Allyn McShane
William Dave Maixner
Frederick Ernest Marsh, Jr.

Albert Riley Abbott Gordon Luke John Bartek Richard Requartte Beckwith Elaine Marguerite Benthack Charles Reck Bogue Irvin Bernard Braverman Foster Donald Bucher Robert Henry Butler Robert Chester Calkins James Williams Chappell Floyd Duane Christensen Robert H. Christensen James Allen Cobb Robert LeVerne Cranny Leo Joseph DeBacker, Jr. William Alton Doering Joseph Francis Donahoe Wallace Edward Engdahl Donald Gene Fletcher Marjorie Marilyn Fouts

Elvin Marion Amen Franz Ervin Amman Arthur Otis Bachman John Nolan Baker Robert Edwin Benner Henry Joseph Billerbeck Frank James Brakel, Jr. Merlin Ulysses Broers Stephen Marion Brzica Lawrence Robert Buckley Donald Clayton Carter Fletcher Farley Conn Paul Elroy Crantz Vernon Hayes Cutshall George Henry Davies Neal Balbach Davis Lowell Stephens Devoe, Jr. Albertus Frederick Dodson James Hildreth Dunlap Donald Edward Eberle Richard Eugene Elston Robert Walter Gillespie Loran Clifton Grubbs John Robert Hahn Ross Stanley Harris Alexander Thom Harvey

Norman Barnard Metcalf Murray Franklin Minthorn Byron Leon Nestor Clitus Wilbur Olson Robert William Pollock Floyd Orval Ring Arnold Edgar Robison Gordon Eli Sawyers George Lester Scholnick Ralph Ernest Shambaugh Willard Blake Skrdla Jules Albert Slunicko

#### 1949

Lee Darrell Gartner Walter Clark Giles Robert Francis Glock Charles William Graham Ernest Louis Graveline, Jr. LeRoy Edward Groshong David Frank Hall Wendell D. Hamlin Lester Lee Hoaglin, Jr. Melvin Summer Hoyt Richard Henry Jesse Robert Charles Jones John Anthony Kalin Charles William Landgraf, Jr. Isaac Jacob Levine John Michael Levitsky Llewelyn Lloyd Long Robert Ashley McGowan Rex Ofal McMorris Roger Franklin McNeil

#### 1950

Mary Josephine Henn Robert Ellsworth Holland Lawrence Royce James Raymond Wilbur Jensen Richard Dawson Johnson Richard Nicholas Johnson Robert Orville Johnson Raymond Foidell Johnston Kenneth Jack Kenney Stanley August Kerkhoff Richard Bruce Koefoot Joseph Lewis Kovarik Verner Eugene Lamb Donald Arthur Limbeck Donald Monroe Love Frank Chalmers McClanahan John Donald McCrary Robert Randall McGee Francis William Morgan Harold William Mueller Robert Glenn Murray Dean David Nywall Olin Matthew Odland Victor L. Overholt Robert William Parry Curtis Bryant Pillsbury

Barton Taylor Smith Robert Cole Smith Winifred Ruch Smith Frank Eardley Stander Virginia Mae Stuermer Eric Malcom Swanson Charles John Tupper Vincent Joseph Vaughn William Holmes Weingarten Dudley Edsel Wilkinson

Murray Eugene Markley Gerald Dee Mauk Lunetta Anna Memming Charles Henry Miller Margaret Jane Miller Frederic Olney Paine Henry Gerhard Penner Robert Dee Preston Lee Edward Rice Fred John Rutt Richard Parrish Schellinger Carroll William Schoen Joseph Raymond Simmons Emmett Driscoll Simonson Martin Henry Sterk Gerald Charles Wells Bernard Frederic Wendt Robert Hile Willard

Clifford Conkling Pinkerton Otis Boyes Platt Maynard Howard Porter George Peter Post Everette McClure Rogers Douglas Charles Ronald Seymour Rosenblatt Sybil Jean Schellhase Rupert Arnold Schroeder Halbert Herman Schwamb Floyd Harvey Shiffermiller Robert Allen Silverman Rodney Allen Sitorius Roy James Smith David Keith Sutton Edward William Swenson Jerry X. Tamisica Theodore Atherton Tristan Clarence Lee Tunberg Keith Edward Vincent Loyd Raymond Wagner Norval Martin Westby Wilbur Gunsaul Wiedman Alan Robert Zempel

Albert Burrell Albee William Cecil Allen Arthur Wesley Anderson, Jr. James Alfred Anderson Jean Lyon Bader John Cornelius Baker Harris Wilmot Barber John Lear Beattie Neil Benjamin Bentley John Milton Boulware Russell Charles Brauer Mildred Renee Breuer Jack Mortimer Buffington John Archibald Campbell Robert Leroy Carlberg John Dale Chapp Dalls Vincent Clatanoff Harold Franklyn Daum Reuben David Harold Le Roy Davis John Byron Davis Lawrence Taylor DeBusk Richard Ferd DeMay Donald Max Fitch Donald Arthur Fuesler William Augustine Geiger, Jr. Russell LeRoy Gorthey Donald Richard Hagel

William Gordon Hansen James C. Patrick Harkin Theodore Richard Jacobson Rupert Mitchell Jastram Keith Charles Jeffery Robert Dale Jones Robert Lester Jones Harold Daniel Jourdan Milton Lee Kaiser Robert Charles Kreischer John Edwin Kysar William John Lear John O. McCarthy Margaret Louise McHenry William Chris Mannschreck Harold Nathan Margolin Paul Raymond Martin Otis William Miller Robert Greer Mitcheltree Nyel Harold Moss Charles George Muffly Wilbert Earl Myers Donald Tsugio Nakashima Donald Charles Niederluecke Robert Dudley Olney Viggo Brandt Olsen Robert Orville Olson Robert Carl Ovington 1952

Richard Addison Pettee Eugene Francis Pischke Milton Wallace Plucker John William Posev George Robert Pullman Don Richard Reed Frederick Kent Remington John Wesley Rogers Phyllis Marie Rosenau Robert Carl Rosenlof Gilbert Ernest Ryder Robert Rhyle Sawtell Colin Burwell Schack John Charles Schutz Herbert Iman Singer Robert Aikin Slabaugh Willis Franklin Stanage James Earl Thayer Richard Carl Toren Wallace John Vnuk Robert Paul Waldmann Frank Gilbert White Howard Rex Wilcox Erwin Witkin Ruth Ethel Wright Ernest Arthur Yeck, Jr.

# ichard Aschoff Robert Warre

Carl Richard Aschoff Paul Jule Beithon Robert Leslie Bierbower Marvin Dean Bordy Zane Rex Boyd David Dean Bronder Robert Enos Butler John Douglas Carson Bruce Frederick Claussen Betty Grace Elizabeth Clements David LeRoy Edelman Milton Dwight Faul John Richard Finkner James Robert Frans Harold Ellis Gentry, Jr. Harris Breiner Graves Earl George Greene, Jr. Russell Gilbert Gustavson Keay Hachiya George James Haslam Orin Robert Haves Marquis Warren Hineman Kenneth Clyde Hoffman George Frederick Hoffmeister Leo A. Hrnicek Patricia Alynne Hunt Morris Blaine Johnson Robert Hugo Johnson

Robert Warren Johnson Stanley Logsdon Johnson Benjamin Keith Karas Henry Joseph Kellogg William Clinton Kenner, III Philip Sheridan King, III Philip Kolnick Theodore John Lemke, Jr. William Bradford Long Thomas Harry Luby Donald W. McIllece Joseph Ernest Marvin Roger Dale Mason Georgia Elizabeth May Clyde Avery Medlar Ramona Jean Middleton Warren Robert Miller John Gregory Minder Donal Harlan Morgan James William Morrow Robert Benton Muffly Lester John Nathan Patricia Jean Neely Parry Swan Nelson Salvatore Luciano Nigro Merle Lewis Otto Wayne Wilson Owens John Edward Peckler

Robert Kimball Philips Robert Vernon Plehn Ernest Howell Price Robert Orville Ralston Hans Rath Dale Crosser Reynolds William Edward Reynolds Jerrold Sidney Rice George Raymond Rieth, Jr. Kenneth Dale Rodabaugh Gordon Boyd Roget Alvin Richard Scheffel Gerhard Traugott Schmunk Clayton Marion Shors Earl Shrago Robert Nelson Smith Kenneth Claire Stout Donald Trojan Stroy William L. Sumption Damaris Elisabeth Suttle John Rutherford Thompson John Richard VaVerka Joseph Raymond Volk, Jr. James LeRoy Vose Roger Edward Wehrs Leland Blaine Wilson Herbert Jerome Winter

Leonard Eugene Alkire William Melvin Barelman Edwin H. Barnes, III Robert Sullivan Behrns George Robert Bell Sterling Berg Thomas Edward Bilon George Alfred Breon Richard Arndt Bunting Richard Burton Capek Russell Philip Carter James Heath Coffey Ruth Iliene Cook David Winningham Davis Gordon Edward Dean Dale Edwin Dominy Fenworth M. Downing John Raymond Conrad Eisenach John Charles Finegan Clark David Fobes Roy Edward Fredericksen Richard Gruver Gelwick Francis Howard Hague Donald Elmer Heins Albert Ellis Herman William A. Ingram Edwin Peter Isacson Royal Francis Jester, Jr. Gordon Frederick Johnson

Merle Richard Walter Johnson John Frank Kahle Coll Quigley Kamprath Wilmar Martin Kamprath John Raymond Kantor Glen Donald Knosp Robert John Koza Robert Hugo Kurth Hugh LaMaster Muriel Jean Lamkee James Walter Landers Dwight Leroy Larson James Andrew Laugharn Theodore Henry Lehman Gene Sheldon Lewallen Fred Otto Loeffler Walter Christian Loeffler James S. Lydiatt Delmar Blake McKitrick Donald Royal Marples Donald Elmo Matthews Dace Bolyan Mitchell Lyman Dwight Moell James William Morrison Daniel Millard Moschel Thomas Bernard Murray, Jr. Sidney Nearenberg Richard Curtis Nelson Karl Friedrich Niehaus

William Charles Niehaus George Loer Osborne, Jr. Frederick Franz Paustian Alvin Charles Peterson Richard Martin Pitsch Alice Bro Racher James Paraman Ramsaran Donald Edward Rice Benjamin Robinson Earl Forrest Rose Pauline Doris Royal William John Russum Kenneth Kazuwo Sato Richard Daniel Sautter Edward George Schaumberg, Jr. George William Schossow Robert Marenus Sorensen Houtz Gillilan Steenburg Jerold Frank Steinhour Verlyn William Steinkruger Donald Eugene Taylor Conrad James Thomas Richard Lee Tollefson Kenneth Ray Treptow Kenneth Lewis Urwiller Vernon William Vogt Sherrill Lenore vonBergen Howard Fulton Yost

#### 1954

Allen J. Alderman Philip Daniel Anderson Charles Robert Beber Alvce L. Bezman Edward Allen Brewer William Henry Bunstock Robert Campbell Chase Donald Wilterdink William John Chleborad Ruth Ellen Christensen Edgar Milton Cleaver Elwin Kerr Conner Donn Howard Crilly Harold Dean Dahlheim David Rodney Davis Earl Joy Dean Carl George DeBelly Keith Frederick Deubler Howard Arthur Dinsdale James William Dinsmore Jasper Lee Dyer Howard Lyle Fencl John William Foft John Franklin Gentry Frank Chandler Giddings Leslie Irl Grace, Jr. Max Eugene Harris Carl Masamitsu Hasegawa Clifford James Haskin, Jr. James Edward Hazelrigg Thomas Frederick Hegert Robert Louis Heins Lawrence Layton Hyde James Stanley Jeffrey Oscar Guy Johnson, Jr. Thomas Errol Johnston Phillip Henry Jones Frank Kamm Edward Arthur Kantor Max Crawford Karrer Roy Jackson Kelly Edward B. Kiolbasa Alton Andrew Knosp Arnold Norman Krause John LeRoy Lang Donald Joseph LaPorte Ernest John Larson, Jr. Donald Edward Lee Kenneth Ordell Leonard George Everie Lewis, Jr. James Spencer Long Thomas Lucas Isaiah Kimberly Lukens Richard Thomas McDonald Bernard Magid Reynold Robert Maixner

Ralph Justin Malott, Jr. John Bishop Maxwell James Robert Scott Miller Edson Bridges Moody Mayer Moskovitz Allan Elias Nachman Charles Harold Newell George Lee Newkirk Tom Stanley Ochsner Clyde Eugene Penner Byron Eugene Peterson John Wesley Porter Laslie Carroll Potts Thomas Theodore Powell Harold Eugene Resinger Steward Frank Richardson Paul H. Richter Jacob David Samler Charles Joseph Saults Allen Fred Scheuneman Bryce George Shopp Herman Shyken Gene Slichter Kavo Smith Robert Charles Speckhals Wesley Franklin Springer Harlow Don Standage Clarence Hilding Swanson, Jr. John Andrew Swenson Otto Saeger Troester Ronald Edgar Waggener

Leo Melvon Adams Richard Fred Adamson Edward Herman Ahlemeyer, Jr. James Ray Allan Derald Gene Anderson Clifton Earl Baker John Dewey Baldwin Douglas Harrison Beath Robert Clarence Beckman Warren Lee Berggren James Milton Blankenship S. F. Blattspieler John Keith Blincow Albert James Brauer Charles Moorhead Bressman Glenn Wayne Brown Richard Harrison Bruner Robert Curtis Carnahan David Hampton Cloyd Virgil Raymond Condon William Wilson Davis Robert Warren Delaplane Warren Harding DeVere Dale Walter Ebers Saeed M. Farhat Donald Alva Forinash Gordon Dean Francis

Gordon Dewey Adams William Richard Basler Robert Laverne Bass Daniel George Bitner Larry Lee Bosley John Hargreaves Calvert, Jr. Earl Victor Carlson Stephen Walker Carveth Jerry Dee Colling Melvin Duane Cook Marilyn Louise Cowger Jesse Franklin Crump, Jr. Charles Paul Curtiss Daniel Joseph de la Vega William Bryan Eaton Hugh Crawford Follmer Richard Duane Frisbie John Allison Galloway Robert Paul Gentry William Thomas Griffin Paul Vollrad Gustafson David James Halliday George Andrew Harris Henry Theodore Haye Charles William Hendrickson Howard Duane Herrick Burt Eugene Hyde Donald Ole Inslee

Hiram Robert Walker Vernon Graves Ward Victor Robert Watson

#### 1955

Richard George Gere Robert Fowler Getty Harold Christian Halvorson John Ernest Hansen, Jr. Clinton Daniel Heine Wilbur Dean Hilst Leonard L. Hoffman Rex Todd Hoffmeister Thomas Walter Jensen Ruth Alice Johnson Max Williams Kinney Lars William Kleppe Donald Leopold Kuxhausen Arthur Lee Larsen Mary Irene Larson George G. T. Leih Patrick Thomas McGowan John Franklin McLeay Robert Lynn Mastin Derald Glen May Richard Harris Meissner John Webster Mills Robert Ellis Mockett Matthew Liutauras Namikas-Cary Harold Martin Nordlund John Robert O'Neal David Dean Peatrowsky

#### 1956

Paul Gerhard Isaak Elizabeth Anne Johnson Ernest Eugene Johnson Luther Palmer Johnson Samuel Kais James Lorin Karel Frederick William Karrer Jack Edward Kaufman Vivita Krievs Harold Lee Leitel James Ernest Loukota Myles Emerson McKitrick Thomas Garland Magruder, III Philip Wayne Marsh William Christian Melcher Charles Lee Mendenhall David William Minard Roland Reese Morgan Harold Austen Oberman Raymond Henry Olson Robert George Osborne, II Jack Irland Paap Donald Eugene Parkison Robert Charles Pfeiler Stanley Eugene Pollman William Abbett Pratt George Webster Prichard, Jr. Frank Otto Raasch, Jr.

Jack Daryl Welsh Gerald Devereaux Young, Jr.

Otto Gottlieb Rath Clelland Lee Retelsdorf, II Sidney Lee Rubin Harry Walter Russell, Jr. Paul Wesley Saltzman Jack Victor Scholz Lloyd Raymond Schulz John William Scott, Jr. Clarence B. Smith, Jr. Jeannine Elizabeth Stewart John Huntington Story Merlin Ladean Sucha Robert Bruce Synhorst Harold Frank Taylor Lawrence Carol Taylor William Everett Thompson Robert Craig Warner Curtis Ramon Weatherhogg Howard Dean Wesley Robert Harris Westfall Alice Ruth Williams Theodore Elder Wills William Earle Wiltse Robert John Winchell Alton S. K. Wong James Mac Woodward, Jr. William E. Wright

Thomas Monroe Recht Herbert Erazim Reese William Henry Rice Robert David Rieth John Cuddington Sage Irving Shapiro Arnold William Siemsen Phyllis Steidly Simunds Jerald E. Smith John Wallace Smith Lloyd Dean Smith Charles Dean Soucek Calvin Stanley Steever Wayne Ernest Stevens Lowell Philip Swisher Rodney Miller Thompson Richard Dean Urwiller Dale Eugene Van Wormer Milton George Waldbaum Leonard Eugene Wallace James Russell Wamsley Frederick Ware, Jr. Joseph Westmore Weber Donald Earl Wilkinson Robert LeMoyne Wolf Charles Robert Wolfe Wayne Lee Zlomke

Donald George Allely Robert Clifford Anderson Harold Kent Axtell Lawrence William Bauer Bernard Arthur Beber Jerome Jacob Belzer Dean Merrell Bloch Lloyd Edward Carlson Marshall Donald Chefetz James Christensen Donald Weller Cline Julius Stanley Conner Marion Robert Cosand Mark Edwin Crawford George Herbert Dahnke Robert Eugene Danner John Calvin Davis, III Robert Winter Doering Richard Dworsky James Weldon Fergus Donald Dean Fisher John Franklin Gaskill Richard David Gentry Gerald Edwin Glenn Norman Stephen Goldenberg Robert Allan Grant

Nathan Richard Adkins Philip Stanley Alberts Rai Bahadursingh Robert Bruce Barnwell William Lorne Beck Jackson Junior Bence Joseph Francis Berberian Edward Eugene Biever Elliott Gordon Boisen Bernard Charles Burns Bill Doyle Burr Thomas Dale Calvert James David Collins, Jr. Howard Leslie Copas James Michael Donovan Manis Cecil Edwards John Eule, Jr. Robert Gerald Faier Frank Falloon Bill Gene Farmer Robert Blakeslee Faust Donald E. Gatch Gretchen Mary Glode Michael Lee Greenberg John Leland Greene Kiyoshi George Hachiya Norman Lyle Hagberg Donald Lee Hammes

Lefkos Thrasos Aftonomos Allen Byford Anderson Ephraim I. Axelrod Charles Gene Gross Charles Wayne Guildner Clem William Hagedorn Clif Struthers Hamilton, Jr. Donald Andrew Harvey Joseph Carl Heinlein Gerald Robert Holcomb C. Richard Hulquist Oscar Max Jardon Warren Richard Jones Charlton Rex Latta Victor Carl Marquardt, Jr. William Alexander McCall, Jr. Frank Joseph Menolascino Victor John Meyer Yancey Scott Moore James Arthur Morse Arnold V. Mueller Christopher John Muller Merl Eugene Needham Lyle Wilbur Nilson Ralph Eugene Paul Gerald Hart Payne William Lawrence Pfeiler Donald E. Pisar Donald Frank Prince

#### 1958

William Rudolph Hamsa, Jr. Lumier Erving Hanzel Edick Haroothunian Boyd L. Harris Eugene J. Hesse Richard Paul Hill Ward Lane Hinrichs Keith Hadley Johansen Gordon O. Johnson Guinter (George) Kahn Joseph Ralph Kantor Daniel Kenneth Kemp Lydell Craig Kiplin Alan Campbell Landers Marvin K. Lawton Philip Charles Lehman Hal Kennedy Mardis Joseph Leo McDonald John Thomas McGreer, III Donald Charles McKee Benjamin Reuben Meckel Carl Don Miller Charles Robert Myers Lyle Herman Nelson Orval Pilgrim Nesselbush Robert Eric Nordling Donald David Nuss William Frank Nye

#### 1959

Gary Lee Bannister Jergen Leroy Barber Dale Vernon Bass Jack Lee Pulec Merton Albert Quaife Henry John Quiring Speed Roland Rathbun Glenn Carl Rosenquist Monte Myrl Scott Richard Allen Serbousek Donald Ray Silverman Dean Gordon Smernoff Robert Louis Stiehl Raymond Arthur Sundell Edwin Percy Sweet Bernie David Taylor Archibald Wallace Templeton Keith Richard Treptow Allen Dale Unvert Charles Fred Veverka Robert George Volz Fred Thomas Waring Robert William Waters James Ray Weber Irving Edwin Weston Clark Denzler Wieland Ghim Leong Yeoh DeLyle Roy Youngman, Jr.

Richard Henry Otteman John Walker Pemberton Clayton Lloyd Pettipiece Robert Dean Phelps Robert Eugene Quick David Rafat Walter Edward Reiss Donald Wesley Rohren Carl William Sasse, Jr. William Joseph Schibly William Henry Schumacher Richard Blaisdell Seymour Morris Frederick Skinner, Jr. Donald Paul Skoog Edgar Harold Smith Leroy Richard Smith David Van Buren Stephenson, Jr. Robert Morrison Stryker Robert Lawrence Tupper John Henry Wachal Leon Donald Wanek David Sherill Weeks Harry Wallace Weigel Hobart E. Wiltse Robert Lemoyne Yekel, Jr. Duane Alvin Young Paul Ray Young

Dwight Russell Bass Robert Lee Beshore Harry Martin Blacker Ernest Basil Blease, Jr. Earl Robert Blue Daniel Gerald Bohi John Frank Bookhardt James Edward Bridges James Gilbert Carlson James Stanford Carson William John Cirksena Richard Paul Clemens Richard Alan Cottingham Donald Andrew Davis John Carl Denker James Spelbring Donelan Charles Sevareid Dresher Martin Paulsen Dumler Gerald Leonard Engelsgjerd **Eugene Tarlton Everett** Arnold Raymond Foulk, Jr. Gordon Eric Frederickson Al Walton Gothard Robert LeRoy Haig

Bennett Irvin Alberts James Repass Alexander Robert Christian Andersen Kenneth Charles Bagby Ralph Eugene Bellar Nicholas Charles Bethlenfalvay Leon Arleigh Bjerke Rex Clair Bosley Fredric Martin Boyden Philip Owen Bridenbaugh Jerald Steven Brodkey Kimball Floyd Brown Donald Duane Campbell Nancy Carolyn Carmody William Shepherd Carter Harvey Lee Casebeer, II Leslie Lee Chisholm, Jr. Shirley Ann Claasen Wesley Dean Clark Gerald Evans Cooney Sigurd Sigmund Daehnke Richard Hugh Daley Arlo Robinson Edmundson Ralph August Ewert Rex Rolland Fischer Robert Kenneth Fryzek Jerome Arthur Fuhrman

James Richard Adamson
John Robert Allely
Kaye Don Arrasmith
Noe Authier
Jerold Casper Baumgartner
Thomas Arthur Beck, III
Mark Frederick Blum
Paul Dewaine Boschult
Harper John Buck

Sayed Kadry Hamed John Stuart Hinman Ronald Paul Hoff Robert Lee Hook Kenneth Lee Johnson Harlan Jorgensen Frederic Carl Kramer Harry Daniel Kuska Richard Lee Lamphere Roderick Rees Landers Wallace Marven Landholm Paul Farquhar Leonard Rudolf Walter Link John Burton McAndrew Maurice Damon Mathews Gordon Frank Moor Marilyn Gladys Myers Robert William Norton Merlin Glenn Otteman Martin Frank Petereit Margaret Hancock Peterson

#### 1960

Francine Leigh Wisner Gallawa Joseph Henry Gardner Elbert Lawrence Hanson Haakon Odin Haugan Michael Albert Hickey Robert LeRoy Howe Thomas Sever Hutcheson Roger Herrick Hutchings Nelson Robert Jensen Paul Whitney Jewett Werner Henry Kramer Herbert Charles Lemon John Keith Lewis Kirk Chase Lewis Joseph Alfred Longo, Jr. Joyce Ann Walla Lynch Richard Harold Lynch John Edward McDermott James Dale McGath Patrick John Madden Stanley Lew Magid Delmar Hermann Mahrt William Francis Manke Benjamin Oscar Martin C. Robert Miller Kenneth Dale Moorhead Willis Philip Mundt

#### 1961

William Walter Burgin Richard Campbell Carleton Roger Philip Cook George Dale Cooper John Smith Copley Dale Alan Cruise Marshall Irvin Denenberg James Francis Donovan Richard Edward Ellis

Ronald Ivar Peterson Brooks Joseph Poley Joseph Hollis Poynter Donald Adolph Prescher James Albert Rogers James Amos Rud James Paul Schlichtemier Stanley Anthony Serbousek Dean Clair Sloan Harold Glenn Smith, Jr. Michael Floyd Sorrell Jerome Sheldon Spitzer Leonard Alan Swanson Carol Joan Swarts Robert Williams Turner, Jr. Eugene Dennis Van Hove Donald Hugh Wahl Thomas Herbert Wallace Robert Clark Weldon John Benjamin Westmore David Eugene Williams

Louis Lee Murdoch Richard Chadwick Olney Warren Harold Orr, Jr. Carl Marvin Pedersen Richard Chris Pitner Leslie Dwight Rivers David Edward Rosenberg Gerald Wayne Rounsborg Rodney Ray Rutt Reuben S. Smani Edward Warren Sandall Richard Theodore Satterfield Dennis Aldon Schmidt Steven Abram Schwid Robert Sherman Sette Maurice Donald Skeith Berl Warner Spencer Robert Allen Stratbucker Robert Edward Taubman Herbert Shogo Uemura August Eugene Van Wie Donald Dean Watson Philip William Weingart James Warren Wengert Thomas Caryl White Fay Eugene Whitla

Larry Alan Epstein Eugene Carl Fisher Donovan Byrne Foote Gerald Francis Geiger Alfred Dean Gilg Malcolm Esmay Gillespie Donald Wayne Goin John Maurice Grier Paul Jene Hallgrimson Robert Everitt Heiss Lee Kennan Hermann William George Heusel Thomas Frederick Hinrichs William Curtis Jensen Franklin Charles Johnson Joel Theodore Johnson John Ralph Kirchner John Henry Knutzen Howard Frederick Koch John Harry Krickbaum David Lee Kutsch Martin Richard Lohff Stephen Spencer Lowe Duane Francis Mabeus Robert James Martin

Walter Martin Arthur David LeRoy Bacon James Everett Bare Melvin Dean Bechtel William Floyd Becker Carter Vance Beghtol James Horton Bell Edward Gordon Belzer Ronald Lee Bendorf Paul Fay Bottom Gary Eskil Carlson Richard Eugene Cottrell LaRue Verloy Dahlquist Tom Charles DeBerry Charles Arthur Dobry Alan Harvey Domina John Davey Douthit Ardean Joe Ediger Norman Lee Ekberg Charles Eugene Fellows Norman Albert Gosch Paul Robert Gregory Dillard Ray Griffith Ronald Jordan Grossman Ernest Arthur Haffke

Brandon Lowrie West Adams Robert Benner Albee Charles David Anderson John Daniels Ashley Kenneth Delmar Austin Phillip Leonard Baker William Hobart Bancroft Edwin Byrl Bercovici Mona Ruth Bomgaars Kenneth Raymond Brizzee Vicente Franklin Colon Doyt LaDean Conn Marshall Steven Cook Ely Jay Crary Stanley Lavelle Davis Stanley Edwin Deal

LeeRoy Edward Meyer Burdette John Moor Stanley Thomas Mountford Donald Francis Nickman John Edward O'Connor Maybelle Satoko Okawaki Richard Bickley Osborne James Whitford Peck Robert Gordon Pelley Jerry Greely Price Lee Gilbert Pulley John Landon Reed Edward Allen Rhodes Daniel Keith Roberts Blaine Yale Roffman Ben Rubin, Jr.

#### 1962

David Kline Haggard John Andrew Haggstrom James Wesley Hall Bobby June Harris Douglas DeRuyter Harris Jerry Richard Haskin John Thorvald Henningsen Frank Ted Herhahn Lloyd Thomas Hunter, Jr. Vincent Ellsworth Kershaw Theodore Charles Kieckhaefer Robert Lewis Kollmorgen Donald James Larson Glen Fredrick Lau Donald Henning Lindeman Wallace Stanley Marsh Louis Chapman Martin Richard Bruce Maxwell Daryl Eugene Murdoch John Edward Murphy William Alexander Nerud Norman James Nickman Lowell Thomas Niebaum John Patrick O'Gara James C. Opitz

#### 1963

Joseph Franklin Drecker Daniel Phillip Deneberg James Raymond Dolan Richard Emil Dolbec Douglas Eugene Downey George Van Eisenhart Robert James Ellingson Kenneth Wilson Ellis Charles Gilbert Erickson Thomas George Erickson Wendell Lee Fairbanks Herbert Dean Feidler Bernard Harry Feldman John Jay Ford, III Keith Owen Garner Thomas Daniel Gensler

Lawrence Rudolph
James Edward Saulsbury
Myron Wayne Scheflo
Lawrence Ray Schwartz
Lee Aylott Skaggs
Milton Nels Stastny
William McIlvain Steen
Ronald Duane Suiter
Jack Everett Talsma
Hugo Uhland
Gail Eleanor Walling
Paul Frederick Walter
Mary Ruth Weisel
John Herbert Worthman

John Gilmore O'Rourke George William Orr Robert Milton Penor Rodney Holmes Peterson Gary Thomas Prohaska Robert Vernon Radin Robert Henry Rasmussen James Gordon Reisner John Rosholm Robert Henry Settles James Austin Shane, Jr. Joseph J. Sobotka John Lee Swanson Frederick Franklin Teal, III Thomas Victor Toft Terry Jean Tushla Barton Dean Urbauer John Herman Weninger Lloyd Marvin Westerbuhr Gene Curtis Wilkins Jere Lynn Williams Harry Kern Wisner Jerry D. Wolf Chokuro Yoshida

Harrison Gill John Charles Goldner John Dwight Griffiths, Jr. Robert Frank Hamilton Charles Edward Hamm Leon Glen Handke Richard Gustav Hanisch Ronald William Hansrote William Bruce Henry Calvin John Hobel Gerald Albert Hoffarth Marcus Alan Johnson Arnold Neil Kanter Ralph Henry Keill, Jr. Roger Franklin Kennedy Gilbert John Kloster

Rodney Arp Larson
Jerry Walter Lawson
Darroll Jay Loschen
Robert Dean Lynch
James Edmund Mabie, Jr.
Jerry Alan Margolin
Andris Matisons
Terence Joseph McDonnell
James Robert McFarland
Donald Oakford McIntyre
David Kent Merrick
Marlene Ruth Meyer

Harold Quincy Adams Ivan George Althouse, Jr. Donald Arthur Argo John Hurst Ball, Jr. William Charles Barr Donald Dudley Bell John Robert Bragonier Thomas Charles Bush Mardelle Marilyn Buss William Ernest deAlva Donald Victor Dichsen Roger William Dilley William Benton Elfeldt Charles Edward Evans Richard Harvey Fair Rose Fidelis Faithe Michael Lew Field Lynn Reginald Frary George Ernest Gammel Merrill Anderson Godfrey Richard Kenny Green Robert Ted Hall Eugene C. Hermanson William Homer Hoewing Douglas Charles Hubner Bruce Parker Hutson

John William Annable James Kermit Anthony Wallace John Arringdale Kenneth Paul Barjenbruch Dennis Duane Beavers Ronald Courtney Bell Irvin Sam Belzer Krishna Aloysius Birusingh Bruce Stephen Bloom Ronald Walter Braun Cecil Theodore Bromfield Lloyd Stephen Brookstein Richard Francis Brouillette Ellis Neal Brown Frank Gaylord Burgeson James Charles Cadwallader Stanley Ray Chard Donald Lee Chilcoat James Charles Comstock

Roger Hubert Meyer
Otto Bryan Nelson
James Ervin Nickel
Michael Thomas O'Neil
Dean Leslie Parks
Neal Stanley Ratzlaff
Jerry Anderson Reed
Dwight Franklin Richard
Dale Burdette Riepe
Harold Wallace Rounsborg
Douglas Lawrence Schumacher
James Stuart Shapiro

#### 1964

Ernest Delano Kovarik Thomas Richard Laird Thomas Homer Largen Earl Kenneth Larson, Jr. Marlene Emilie Lengner Howard Lee Lipton Louis Neil Ludington William Edward Lundak William Robert Marsh Leo Joseph McCarthy Lewis Al McCormick Dormond Eugene Metcalf Gale Wayne Miller Gerald Charles Miller Gerald Lee Morris James Raber Mouer Ronald Gene Nelson Myrna Carol Anderson Newland Dale Lloyd Nitzel Michael Joseph Noonon Richard Kenneth Ohme Charles Thomas Olsen Alan Duane Patterson Keith Elam Peterson Wayne Howard Phillips Franklin Glade Pratt

Allen Samuel Shukert
Jerome Hazen Smith
Marilyn Kay Stauber Smith
Kenneth Alan Stormo
Charles Ray Vest
Donald Edward Waltemath
Roger Ewing Ward
Dennis Edward Weiland
Robert Harlan Wintroub
Philip Gibbs Young

Richard Tobin Rappolt Jerry Delano Renfroe Bruce Cecil Rhoades Joseph Michael Rush James Edward Ryan James Burr Shields Donald Eugene Short Keith Willis Shuey Robert Dunbar Sidner Darrel Wayne Siebert William James Simic, Jr. Shirley Ann Simmons Vale Heide Sorensen Ralph Hames Stearman George Minoru Takushi Robert Raymond Taylor Chester Quay Thompson, Jr. F. Cleveland Trimble, III David John Weingart Carl Wesley White Mark Lamar Whitney Jerome Donald Wiedel Robert Leon Willice George Alexander Young, III

#### 1965

William Amiable DeRoin Colleen Willert Dilley Byron Michael Dillow Donald Anthony Dynek Charlotte Christine Erickson Roger Dittman Fellows Roger Lee Fink Carl Thomas Frank Gerald C. Freedman Donald Eugene Freeman John Edwin Gardner Vernon Ford Garwood Roberta Drexel Godfrey Howard Edward Hagglund Barry Richard Hillmer Kenneth Donald Hirsch Louis Richard Hoyer Wayne Leroy Jackson, Jr. Lawrence Michael Janeway

Kenneth M. Johannsen David F. Johnson, Jr. Harold Gene Johnson Roger Leon Jorgensen William John Kanger, Jr. Harold Wallace Keenan David K. Kentsmith Dennis LaMoine Lower Glenn LeRoy Madsen William Francis McManus Donald Gene Metzger Ronald Blaine Minkin Roy Newton Neil Adrian Fisher Newens James Robert Newland Maurice John Niebaum Monte Clinton Nowak Leo Edward O'Brien Delwin Keith Ohrt

Albert Peter Olson, II David Michael Palrang James Frederick Panzer Franklin Jay Pepper Douglas Wayne Peterson Eugene Roy Regier

Paul William Anderson Sheridan Tracy Anderson David Charles Babbitt Justin Lee Ban Lee Harvey Blatt Bernard Howard Bloom Werner Allan Boade Carl Lacton Boschult James Conrad Buell Patrick Eugene Clare Larry Wayne Cole Paul Edward Collicott Leon Donald Cunningham Calvin W. Cutright **Edward Diamond** Marvin Leroy Dietrich John Youngren Donaldson David Richard Dyke Larry Richard Evertson Robert Gershon Fellman James Benjamin Fowler William Lee Fritz Joseph Ruggles Gerdes Ronauld Jay Gould Bruce Walter Gray Howard Eugene Gross

Payson Stone Adams, Jr. Jerry Allan Adler Richard Arthur Ahlstrand John Michael Anderson Alvin Alfred Armstrong, Jr. E. Eugene Baillie Gordon Dell Bainbridge Donald Bruce Beerline Kathleen Anderson Bliese Bruce Clarke Bressler Frank Albert Brewster Morris Irvin Brodkey William Arthur Buckendorf Jan Clayton Buhl James Howard Cogswell Randall Thomas Curnow Kent Rodney Eakins Kendall Stewart Early Jerry Dwayne Edelman Richard Henry Engelbart Gerald Clyde Felt Donald Marvin Gammel Rex David Glover James Howard Greenan William Fritz Gust

Philip Gordon Rosene David Alton Sell Robert Francis Shapiro Carroll Eugene Sinnard Dwight Leroy Snyder Noble Leroy Swanson

#### 1966

Klemens Elden Gustafson Stephen Lloyd Hansen Guy Thomas Haven Joseph Sandsted Hendersen Frederick Cheung-Po Ho John Henry Hoehne Ted Earle Hoff Philip John Hofschire Marvin Eugene Holsclaw Lloyd Camp Jones, III Richard Dale Juel Virgil Andersen Keith Russell Alan Knott Duane Gerhard Koenig David Herbert Kuper Leonard Kenneth Lamberty Martin Robert Lipp Thomas Henry Loecker John Carroll Lund Richard Errol Marsan Frederick Francis Martin Leonard Jav McIntyre Robert Reed Menter Thomas Alton Merrick Robert Harvey Nelson Charles William Newman

Phillip Rodney Reiff
Bruce James Rice
William Ernest Ricker
Larry Gene Rotert
James Joseph Schwedhelm
Bruce Alan Sebek
Ronald Lewis Seeley
Harlan Charles Shriner, Jr.
Mark B. Sorensen
John Alston Stansbury
James Andrew Stewart
Terrence Edward Tibbels

Gary Glen Troyer

John Edward Truell

Jon Darrell Wilmoth

Larry Walker Wood

Samuel LeRoy Watson

Robert Gordon Travnicek

Neil Delavan Wainwright

Lonne Lee Waltner

Wayne Kirk Weston

Craig Richard Nolte

James Hill Peterson

Gary Alan Rada

Eugene Way Peck, Jr.

Gayle Eugene Peterson

Robert Joseph Prokop

Edgar Curtis Ransdell

Ronald Wax

George Theodore Wall, Jr.

#### 1967

Rudolf Vaclav Hamsa Gary Don Harris Judith Lee Knapp Harris Lawrence Joel Hoberman John Joseph Hoesing William Lee Hoevet David Michael Holloway Roger Allen Jacobs Loren Henning Jacobsen Bruce Everett Johnson Harold Kaiman Brent Douglas Kehn Duane Walter Krause Shirley Ann Langhus Jack Keith Lausterer, Jr. Robert Joseph Lauvetz Richard Dean Maca Galen Dean Marks Ronald Lee Marshall John Lewis McFee, Jr. George LaVerne McLean Donald Malcom McMilan Thomas Rankin McMilan Robert Charles Nelson Roy Nobuji Niimi

William Harte Northwall Henry David Patterson Jack Warren Pearson Gary Lee Pease Robert Ray Penkava Larry Lee Penncy Peter Salvador Quintero Jack Vernon Richard John William Roberts Timothy J. Rutz Bryan Dale Spader Charles Linford Sweet Ronold Ralph Tesch Norman Lavern Thompson Thomas Randolph Tibbels William Henry Tiemann Byron Victor Toot Donald Ray Townsend Raymond Emil Turek Richard James Tushla Gary Louis Vance William Michael Vosik John Skelly Watson Thomas Roger White Dennis Owen Wright



John Fordyce Aita Gary Lee Almy Joseph Charles Anderson Robert James Anderson Harry Bloom Andrews Joe Lyman Auch Moedy James Edward Ayers Robert Warren Ayres Duane Ellis Baker Lawrence Charles Bausch David Albert Baxter III Gary LeRoy Biesecker Joy V. Bliss Max Elvin Brenneman Bruce Bailey Brost John Robert Burnett Steven Randolph Byars Phillip William Carmody Carroll Winston Cederburg Richard Elmo Collins Dean Raymond Conley Ward Benton Copple George Ellis Dasher James Allan Davis, Jr. Wallace Edward Duff William John Eichner James Robert Fackelman Richard Olin Forsman William Lewis Fowles Roger Lee Freed Roger Dale Friedman Charles David Fritch

James Robert Adwers
Randell Edward Bauman
Samuel George Benson
Charles Emmett Blair
Richard Allen Blatny
William Michael Botkin
John William Brazer
Robert Windsor Buchanan

Bernard B. Gadwood, Jr. Henderson Ernest Galbreath, Jr. Donald Max Gentry Roger Raymond Goodenough, Jr. Stephen H. Gould Sandra Elaine Grummert Michael Lee Grush Robert Dexter Harry Alfred Erich Hartmann Thomas William Hepperlen Linda E. High Jon Joy Hinrichs Richard Kent Holmes Miles Hubbard Humphrey David Ernest Jenny Roger Milborn Johnson Gregory John Kadlec John Walter Karrer **Dudley Harlan Kersey** Steven Thomas Knee Marilyn Claire Pickett Terrence James Kolbeck Charles Anthony Longo Edward Antrim Lottick Larry Joe Marshall Edward Clarence McElfresh Gary Lee Mosher Edmund Joseph Murphy Loren Alva Olson Robert Frederick Park Richard Keith Parker Bruce Reuel Pearson

#### 1969

Kelly Byron Byrd James Lynn Casey John Harrison Casey Eli S. Chesen Richard Daniel Clark Frank Christopher Cooper Albert Edwin Cram Max Arnold Dean Stephen Rex Plymate Rick Ray Redalen Roy Ernest Redmond Earl Jay Reppert Elizabeth Maier Reynolds John Chain Rogers Charles Hugh Rohren Dorothy Dee Miller Rumer Norman John Schafer Sally Lorraine Schneider Eugene Robert Schwenke Carol Lou Scott Armen Avet Shahbazian Larry Lee Sittner William J. Smith Stephen John Sommer Stuart Allen Souders Dennis Franklin Strauss Charles Edward Stuckey James Karr Taylor, Jr. Dean Ernest Thomas Joseph Tyson Tim Thomas Craig Lester Urbauer Mylan Roscoe VanNewkirk John David Wahl Clyde William Wilcox, Jr. Gerald Lee Wilks Clarke Dean Witt Kuang Chung Wong Merrill Nicholas Workhoven

Gordon Hugh Ehlers Stuart Paul Embury George Edward Farley Arnold Charles Fellman Richard Dennis Fitch Larry Lee Fletcher Harold William Forbes David Allan Fredstrom Susan Gasteyer Gordon Clyde Ham David Francis Hazuka Richard Allen Hirschler Richard Edwin Imm Richard Edwin Jackson Gerald Dwain Janulewicz James Melvin Kagan John David Klarich Thomas Paul Kleinkauf Brent Elroy Krantz Henry Franklin Krous James Byron Kullbom Dennis Frank Landers William Jay Lawton Kanchan Lal Lodhia David Ernest Magaret John Richard Maggiore Wayne Robert Markus

Clifford Joe Anderson Dale Burr Anderson James Clayton Barber James Avery Bard James William Bauer William Gerald Bennett Donald Kenneth Boehm, Jr. David Lloyd Bolam Roger Harrison Bower Robert Wayne Buckland Louis William Burgher James Edmund Call, Jr. Jack Aldrich Cates, II Ronald Dene Craig Everett V. Cunningham Larry Loren Dotson Joseph Peter Drozda, Jr. Robert Michael Elliott Gerald David Evans William D. Flock Patricia Jane Forsman William Paul Foster Herman Gerhardt Charles M. Ginsburg Gary Douglas Graham Thomas Ward Griffin Larry L. Hald Roderick Eugene Harley Klaus Hartmann Lowell Lloyd Harvey Robert Lee Hausserman

Bruce Floyd Bachus John Louis Baldwin John Timothy Baller Rodney Steven W. Basler David Allen Bigler Lewiston Wilbert Birkmann Thomas Glenn Brewster Elvin Gene Brown Dee Roy Mattley Keith Earl McReynolds Philip Steven Metz Lance John Mikkelsen Dale Leverne Mock Merlin Walter Montgomery James Ridgway Morgan Paul Jonathan Nelson Stephen Morris Nielsen John Edward Olney Orrin Douglas Osterholm Dennis Victor Passer Richard George Patton Chester Neil Paul Judith Ann Kubsch Pester Thomas Lowell Pester Paul Edgar Plessman Lawrence Michael Rice Terry Ried Rusthoven

#### 1970

Frank Owen Hayworth Bernard Charles Hillyer Allen Ray Hohensee Edward Augustus Holyoke, Jr. Joel Francis Hutchins Carroll Dale Isburg Thomas Guy Jenkins David Michael Johnson John Kent Jones Ernest Richard Kaufman John Douglas Kaufman William Thomas Kort Richard Duane Krause Douglas Martin Laflan William Jennings Landis David Leslie Little Earl Lee Loschen John Roherty Luckasen Roger Palmer Massie Kenneth John Maxwell Martin Daniel McDermott Charles E. McMinn Bruce Rankin McMullen Kenneth Myron Olds Daniel Raymond Olson Steven Neil Parks Lars Andreas Pedersen James Halford Perrin Kenneth Dale Peters David Bruce Policky Donald Eugene Pont

#### 1971

Robert Kelley Burlingame Robert Thomas Byington Kaye Bern Carstens David Henry Chait Robert Morris Cochran, II Gary Lee Conell James Michael Craig Douglas Wayne Curry Jerry George Schaaf Alvin Lee Schlichtemeier Richard David Schmidt Jimmy Dale Seng Harvey Neal Sievers Dick Roswell Smith William Walter Smith Eugene Archer Stevens Richard Collins Strand Steven Michael Sydow Kenneth Allen Vogele Terry Ray Vogt Loren Stephen Vranish Ronald Maurice Wachter Robert Swift Wigton Jon Fletcher Wubbena Rowen Kent Zetterman

Jose Luis Prendes Wallace Edward Radtke Janet E. Reed David Richard Samson Richard Andrew Savage Richard Schindler Brent Lee Scott Robert Craig Seiler Patricia Anne Shreves Gary Mac Smith John Grover Spangler James Peter Speichinger John Paul Steg John Howard Stevens James Milton Talbot Victor James Thoendel Steven Ray Thomas Thomas Clinton Tinstman Joseph Steven Unis Van Edward Vahle John S. VanCampen Daniel G. Vogt H. Nicholas Vondrak Laurence Seaton Webster William B. Wignall Robert Lyle Wilburn David Edward Wilhelm William Frederick Willner Willis L. Wiseman Stephan Kermit Woodman Daniel Detlef Zimmerman

Timothy Boy Denzler Richard Everett Donaldson Paul Harrison Duray John Stewart Dyhrberg Keith David Flacksbart Rodney Charles Froehling Richard Maurice Fruehling Robert Joel Fulton

Gary James Gadwood Robert O'Neil Gingery Charles Richard Goetowski Dennis Michael Hannon Kenneth D. Hatch Sue Ann Hall Hausserman Clark Frederick Hehner John William Hilton Saskia von Waldenburg Hilton Barbara Jean Hurlbert Richard Kelly Imes Bruce Wayne Jensen Milton Roger Johnson Neil Clark Jouvenat Ernest Wayne Kazato John Warner Kenagy James Lovgren Kinyoun Thomas Earl Kirk James Creighton Kisicki David Walter Kittams Robert William Koepke

May 28, 1972 George Maynard Adam Adrian Kavan Almquist David Carleton Anderson John Ronald Apthorpe Mark H. Backlund Barbara J. Berry Steven Bitters Black Harold Edward Bland Jan Michael Bogard Gail Everett Burbridge Charles Randolph Burket David Allen Burnett Ernest Karl Bussinger Lance Joshua Caddy Benito Morena Camacho Jim Campbell John Joseph Cannella Gary Roger Carlton Charles Thomas Chapin James William Chapin James Alan Conroy Melvin Albert Churchill, Jr. John Willard Cromer, Jr. Jane Brush Dahlke William M. Dean David Craig Dennis Terry Lee Dodge Max Arthur Elliott Carol Elese Fetty Robert John Fonda Bruce D. Forney Gary LeRoy Franssen Mark Robert Frazier

Patrick J. Abbott R. Stephen S. Amato Douglas Alton Anderson Dennis Frank Koziol Steven James Lagerberg Leland Fred Lamberty Richard Lee Liliedahl Ann Elizabeth Blackstone Lott Charles Wendell Marlowe Richard Allan Martin Timothy Howard Martin Merle Thomas McAlevy Gerald F. Moore Robert Evan Morris Ward Melvin Newcomb Thomas Malvin Norum Donald Robert Owen Allan M. Parham Thomas Charles Patterson Garold Lynn Paul Kenneth Dale Petersen Floyd Homer Pohlman David John Reed John Degner Roehrs

#### 1972

William Clark Fuller C. Stephen Goetz Michael J. Guerin, Jr. Roger Albertus Gunn Bruce Leonard Halbridge John Charles Hall Darrel Dean Handke Gregory L. Hanson Juliet Ruth Hanson Gordon James Hrnicek Daniel Ralph Ireland David R. James Jan Venell Jensen G. Nicholas Johnson Steven Philip Katz Thomas Francis Knight Rodney Keith Koerber Alan Wayne Langvardt Robert Henry Laugen David Vaughn Leaming Gernon Alfred Longo Newton Eugene Mack Paul Raymond Madison Robert Paul Maixner Floyd M. McCaffree David Clark McMaster Carol Ruth Mischnick Michael James Moran Wayne Louis Morton Curtis William Nelson John Howard Oakland Lance Gordon Oberg James Dean Oggel David Lee Olson

#### 1973

Arthur Steven Annin Donald Leo Arkfeld James Olen Armitage William F. Rogers William Andrew Rouse Hope L. Johnson Sass Raymond Lawrence Schulte Ron D. Scott Thomas Paul Senter Kenton Leslie Shaffer Todd Shepard Sorensen Bruce Albert Staats Lowell Alan Stratton **Dudley Augustus Syre** Julianne Hilda Thomas Barry Dean Turner James William Wahe Richard Carl Wecker Craig David Weeks Benjamin Martin Welch John Curry Yeakley William Braden Young Margaret Mary Yungbluth

Edmund Harold Olson Jeffrey Alan Passer Bradford Amel Paulson Samuel Huntington Perry, II James Andrew Peterson, Jr. Roger Dwight Pumphrey Gary Lynn Rademacher Richard Allen Raymond Herbert Al Saloum Theodore Jay Sanford, Jr. Frank T. Saulsbury Lawrence A. Schachner Leslie Kay Schumacher Kenneth Randolph Sebby James Neil Shreck Boyd Edgar Smith Michael Lee Songer David Lloyd Sudduth George Tom Surber Harold W. Thaut, Jr. Michael Joseph Thoene Steve Tom Thomsen Kenneth Gerald Torrington Jon Arvid Vanderhoof Diana Jean Vandersall Eileen Carol Anthes Vautravers Angel Francisco Vidal Gary L. Waddington John Clark Wilcox Charles M. Wyman, III William Frederick Zeman, II September 17, 1972 Stuart Heydt

Ronald L. Asher Craig David Bartruff Walter Eugene Baumann

Leon Franklin Davis

Kent Jerome Beachler Timothy J. Biga Gary Herbert Bliss William Carl Boelter, II Norval Leon Books Samuel Eugene Boon Peter William Brill James Donovan Brooke Gary Eugene Canton Frederick Dwight Catlett Ward Alan Chambers Donald Kenneth Chin Mark Allen Christensen Loran Tracy Clement David Robert Colan Winifred Jo Pringle Cromer Daniel R. Cronk Daniel Henry Dietrich Stephen Baker Erickson Joseph Graham Ewing Gerald Saul Ferenstein John James Ferguson Harry Feurberg Sidney William Frank Philip Anthony Gasseling Louis James Gogela Charles DeLand Gregorius Stephen Richard Grenier Lawrence W. Hake Neil Jeffrey Halbridge Don LeRoy Halouska Robert Duane Hanlon James T. Hartford Robert Herman Heise, II David Patrick Heiser Robert Charles Hendler Barbara Maria Boczar Heywood Richard Alan Hirschmann Howard J. Hoody, Jr. Richard Allen Hranac Gary Engelbert Hrnicek Robert Harris Hurlbutt, IV

March 31, 1974 Jon Quinn Taylor May 26, 1974 Alfred Aflatooni Forrest Bollo Allen Judith Bieniek Allen Charles R. Anderson Steven Craig Andrews Dean Lowell Antonson Gerald Lee Baker James Justin Bane Kimball Parker Barnes Gregory Vernon Bart Craig Alan Bassett Michael Drew Bates Thomas James Beasley Eugene Belogorsky

Brian Thomas Hurley David C. Imes Thomas Maynard Jensen John Harry Jirka Alan Kennedy Johnson Richard Edwin Jones Louis Eric Kleager Ronald Walter Klutman Barry Louis Kriesfeld David Clark Krohn Tyrone Langager Jeffrey Wells Lewis Edwin John Loeffel, Jr. Gerald Walter Luckey William David Lux William Wallace Lyons, III Gregory Lynn Magnuson William Robert Marsh James Gelsin Marx Michael Leroy McCoy Jerry Eugene McCrery Patricia M. McGannon Robert Harry McIntyre, Jr. Charles Edwin McKinzie David Lawrence Meyer Mark H. Meyer Dale Evan Michels Edwin Jens Mikkelsen Vernon Walter Miller Donald Joseph Morris Cary John Myers Raymond Oliver Naumann Gerald Edward Nearhood Stephen Francis Noll Russell Arthur Novak Thomas Edward Novotny William Joseph Origer Richard Keith Osterholm William Rodney Palmer Douglas Gene Peter Ronald Frederick Pfeiffer Alois Frederick Proett

#### 1974

Philip Clarke Blum Roger Carl Brainard Bernard Alison Burton Melvin Allen Campbell Junette Rae Carlson Mark Luther Carlson Ronald Arthur Christensen Terry Roberts Clementson Ronald Leslie Coleman Harmon Oakley Conner, Jr. James Curtis Connors Hull Alden Cook Joel Thomas Cotton Joy L. Andres Crossman Raymond McCague Crossman, III Rodney Robert Czaplewski Timothy Michael Daley

Gregory Lee Quick Joseph Michael Rapoport Peggy Fagan Rapoport Andrew G. Rasmussen Steven Marion Reppert E. Charles Robacker Dennis Lee Ross William Robert Schlichtemeier Curtis Paul Schworm Peter Eugene Seda Bruce Gordon Sheffield Steven Engebret Shefte Dell Allen Shepherd Dean Allen Shuey Larry Darrell Skinner Stewart E. Sloan Jeffery Michael Snow Thomas Duane Spoonhour James M. Steier David Harvey Stoltzman Cory Thomas Strobel Craig Bennett Stucky John David Swanson Stephen Gene Swanson Dean Robert Thomson John William Timmerman Douglas Earl Vickstrom John Norman Walburn Joseph Hulley Washburn, Jr. Francis Edward Watson Susan Beachly Williams Thomas L. Williams Larry Flick Withers, III David Alan Wolin Christopher Jay Wrenn September 28, 1973 Glen Erman Christensen December 22, 1973 James Saxton Bird Steven Bruce Plettner

David Howard Dempsey Pham Doanh Thomas Emmons Dunbar, III Michael Lee Egger Devera M. Elcock Evan John Evans David Hillman Filipi Anthony George Fink William Louis Fink James Charles Freudenburg Margaret Kathleen Fritz Richard Herbert Fritz Jon Michael Fusselman Mary Marcella Gatewood Edward Erwin Gatz Dennis Paul Goeschel Barbara Jean Thompson Golden

Bruce Everett Taylor

Gary Richard Goodman William Gordon Hamilton Michael John Hanich Doyle D. Hansen Cleve Hart Hartman James Louis Hatch Robert James Henderson Douglas Lee Holtmeier Fran M. Weinheimer Houghton Harlo Dennis Hove Edward Paul Huigens James Yumyin Hung Fred Dominic Hunker Philip Gail Itkin **Uldis Janis Jansons** Murray Douglas Joe Norris David Johnson Paul Steven Johnson Lloyd Edward Jones David Allan Katz Timothy C. Klammer Virgil Ernest Knackstedt Camilla Rae Kochenderfer John Dale Kugler Kent W. Lehman Robert F. LeVeen Ramon LeRoy Lewis Philip Karl Lind Theodore Daniel London Earl Alvin Lorenzen James E. Madsen

May 25, 1975 (Four-Year)

Lefkos Byron Aftonomos Joel William Allen Andris Antoniskis Allan Werner Bach John Allen Baxter Priscilla Ann Chain Beck Maynard David Belzer Claire Elizabeth Bender Mark Steven Bernstien Robert Hewitt Bower Steven Jon Bowley William Stephen Bradbury Robert James Brown, II Christine R. Finger Bucy Gerald Frank Bunting Dwight Willard Burney, III James Rodney Christensen Clifford Ray Colglazier Michael Neville Crawford Mark Edward Dankert David Francis Demuth Steven C. Dondlinger Dennis Jacob Doud William Franklin Dubbs Daniel Stephen Durrie James Augustine Edney Morris J. Ellington

Kristine Melby McCulloch Harry Edward McFadden Philip Walter Meyer Patrick Dennis Mullen Louis Lee Munoz Mickey Calvin Myrick James Douglas Nelson Dennis Michael Nitz Byron Joseph Oberst James Lloyd Omel Stanley Irwin Ostrow Rodney Romine Paragas Gary Dean Penner Roger Jay Pentzien Clair L. Pettinger James Michael Plate Robert S. Proffitt Harold Michael Pumphrey Douglas K. Reilly Floyd Oval Ring, Jr. Jose Antonio Rodriguez Brian Charles Rogers Kent A. Rogers Scott G. Rose John Michael Sadai Bruce Alfred Sayles Harry Emory Salyards, Jr. Mary Phyllis Shannon Salyards Stanley Joseph Scheurman, Jr. Rick Jerome Schiebinger John Lee Schiffbauer

#### 1975

Craig William Elliott Kenneth Hamilton Elson, Jr. Loren LaVerne Faaborg Lawrence Michael Fitzgerald Luther Alan Frerichs Thomas Allgier Gapp Walter Evan Gardner Robert Edward Gehringer, Jr. Robert Samuel Hanna James W. Hervert, Jr. Leo Thomas Heywood, Jr. Sharon Marie Higgins David Joseph Hoelting Robert Stephen Hranac William Harold Hyde Paul Kenneth Jacobson Timothy K. Kingston Michael Louis Kleine Ailan Doan Kobayashi Roger Hideo Kobayashi John Thomas Kos, II Robert Michael Kroeger Terry Allen Lang Horace George Levy David Raymond Little John Paul Lundgren Mark Howard Malashock John Robert McNabb

Gregory Scott Sears Alan Stanley Seifer Robert William Shreck Gerald Blake Simons Beth Ann Brooks Slovek Richard William Slovek, Jr. David Alan Smith Marc J. Sorkin James Henry Stageman, Jr. Roger Allen Stark John Robert Steenbarger Joseph Rudy Stock Judith Kay Stoewe Ann Marie Windle Taylor Craig Cummings Taylor Richard Melvin Tempero A. Nicholas Terry, Jr. Burton Lee Thomsen Mark Allen Tompkins Thomas Floyd Tonniges Stephen Donald Torpy Robert Eugene Tuma Joseph Philip Vacanti Linda Reid Van Leeuwen Harry Bruce Vogt Timothy Owen Wahl Steven F. Webster David Bruce Woodham William Roger Zimmer September 27, 1974 Jack David Hornby

William Thomas Meshier James William Miller Michael F. Miriovsky Robert Michele Mochizuki John Cory Moore Stan Lee Moore Carol Elaine Mosier Randall Erland Nelson Tuan Trong Nguyen Thomas Charles Nilsson Roger Bryant Olsson David A. Ott Stephen C. Papenfuss K. Reed Peters Hal Blake Ridgway Lynnette Nelson Ringenberg Rodulfo Lee Rivera Gwenn Susan Robinson John Charles Rogers Robert Gregory Rohs Robert Michael Roth James G. Roudebush Jasbir Singh Sandju Mary Caroline Scheer Jonathan Alan Schneider Gregory Charles Severson William A. Shiffermiller Alan Moy Sooho

Mark Jacob Sorensen Robert George Spanheimer Don E. Stucky Gary L. Vandewege Robert Dale Voller, Jr. Charles J. Wagner Steven L. Wald Timothy Ellis Walker Chester Hill Waters, III Patricia Nelsen Weber Ralph Harold Wever, II Kevin K. Wycoff David Crocker Yoburn Dorothyann M. Zakrasek (Three-Year) John Michael Adams David Arnold Allerheiligen Mark Jay Alison Timothy Malcolm Anderson Dean Anthony Regan Kale Asher Carl Earl Baker Charles D. Barton William Reynolds Beck Kenneth W. Beresford William Frank Bina, III David Harold Bingham Edwin John Bollerup Matthew Merrill Bosley Eugene Everett Bourne Michael Frank Boyer Dennis August Boysen Richard M. Bregman William E. Brennock Bruce Harold Brumm William Edward Brush William Lee Buchanan, II John Rodney Cardiff Timothy Rae Chappell Gary Lynn Chingren Robert L. Collins John Louis Colombo Lynn Walter Cooman, Jr. Linda Blanche Blackwell Cottrell Christopher Paul Crotty David L. Davis Ruth Ann Swan Demmel Larry Dwayne Dillon John Winston E. Douglas-Jones

March 28, 1976 Charles B. Severn May 23, 1976 Harold Larsen Aanning Timothy James Adams Mary Jean Anderson Monte L. Anderson Thomas Neal Atkins Steven Thomas Bailey Gary William Barth Daniel Thomas Durant Carole Kay Early Frederick James Echternacht Mark Edward Elles Patrick Clay Elwood Jimmy Dean Emery John Michael Finkner Desiray Claire Fitzgibbons Glen Alan Forney Richard Dale French Lee Joseph Friend Robert Anthony Frisenda Natalie Larsen Gehringer Nancy Germer Richard G. Gilbert Roderick Dean Gottula Dennis Raymond Gutzman Gregory David Haessler Wayne Paul Halfar Daniel Edward Halm Ronald Francis Hanthorn Gary Dean Heaton Bruce William Henricks Eugene N. Herbek Dennis Lee Hodge Robert Martin House, Jr. Mark Thomas Houser William Gregory Hughes Steven Lee Husen Jerry James Hynes Joel Edward Janousek Mark Emil Janulewicz Roger David Jensen Michael Bruce Jones Gerald Frank Keasling Mark Michael Kitzman Michael Stephen Kochel Linda Suzanne Kujawa C. J. LaBenz Dorothy Elizabeth Deppe Lawse Olufemi Henry Lee-Johnson Kathleen Lawless Lewis Max Wayne Linder Anant Kumar Lodhia Chris Felber Maasdam Jeffery Nesbit MacDonald Robert James Manly Alan Stephen Marion

#### 1976

Pamela Jean Masoud

James Michael Benge Dale W. Block Joel Ivan Bohling David Eugene Borg Bruce Jay Bottlinger Calvin Richard Brown Arnold Gehman Burnham Steven Nolte Butt James Richard Campbell Denise L. King Capek

David Thomas Miller John Boyer Moeschler Patrick William Morell Micke C. Nave Paul Douglas Nelsen Robert Gene Penn Bruce Carter Pinkerton Ameen Ishak Ramzy James Fred Reppert James Burr Ross Thomas David Roubinek Kenneth Rene Schaefer Donald Roger Schafer Janet A. Schlechte Ronald Opper Schwab George Herbert Seberg, Jr. Robert Steven Shires John Peter Slosburg Gene Francis Stohs Herschel E. Stoller Michael Terry Sullivan Sylvia Sydow Milford Eugene Thieszen James Dow Thompson John R. Thompson, Jr. Thomas Patrick Trevisani Charles Alfred Vacanti Gerald L. Vitamvas Frank Edward Waechter, III Michael Larry Westcott David Owen Wiebers Donald Lee Wikoff Mark Finley Wildgen Michael Dale Wilkins Stanley Dean Woerth R. Hal Younglove Mark Guy Zukaitas September 26, 1975 Frank Joseph Daugherty July 16, 1975 Allen Mark Morris Joseph Ernest Francis Shanahan December 19, 1975 Michael Joe Goeden Mackay Joseph Hull Terry I. Monk

Russell Philip Carter, Jr.
Kevin Joseph Case
John Kenneth Chamberlain
George Alan Charnock
John Ivins Cherry
Danny Lynn Chichester
James Keith Clements
James Richard Commers
Thomas Eugene Conley
Linda Jane Cooper

Stuart Gordon Oxford

Cordie Carl Coordes Howard C. Cowlishaw, Jr. James Dillon Crew Albert Anthony Cutri John Stephen DePriest Dennis DeRoin Judith Louise Dethlefs W. John Dickerson, II Joseph J. Dombrowski Neil Leigh Drake Thomas Joseph Dworak Alfred E. Feleppa, Jr. Katherine Caldwell Gaines Tim William Grennan James Roger Guest Robert Williams Harms Roger Walter Harms Sidney Earl Heisler Lawrence Dean Helmick Peter Frederick Holm Michael Raymond Holtgrewe James Merle Horrocks Jerome K. Howe Deanna Louise Schmidt Hutchins Mark Ramsey Hutchins Douglas W. Johnson June Ann McCaslin Kamm Howard Ross Katelman Bruce Allen Kauk Michael Patrick Kern Donald David Kerr Rolf Timothy Knight Steven Kent Krueger Steffan R. Lacey Larry Robert Lamberty Steven Richard Larson Keith Allan Lepp Timothy Richard Leiske James A. Lindau

May 22, 1977 Ivan George Abdouch Danny George Addison Jackie Lynn Agee Roger Don Albin Jeff Alexander Michael Douglas Allison Amy Kathryn Syehla Anderson Robert LeRoy Anderson Deborah Munson Barger Marlin R. Bauhard Paul Jacob Bender, Jr. Dennis Michael Blankenship Gayle Misle Blumkin Craig Wayne Brown Michael Phillip Brown Gary Lee Bryant Therial Lawrence Bynum Stuart Douglas Campbell, Jr. Charles Mark Carpenter

James Richard Lohse James Joseph Maly Thomas E. Martin Gordon Dale McCamley Gretchen Ann McCoy Fredrick Arthur McCurdy Douglas Bruce McGirr Ronald J. Miller Ruth Irene Miller Daniel Francis Moravec, Jr. Thomas Wayne Munro William Craig Nash Samuel Robert Neeley James Michael Neid Gordon L. Neligh, III Kaj Allan Neve Elizabeth Ann Cochran Newcomer Lee Nisley Newcomer Vicki L. Nissen Dale W. Orton Michael Everett Peetz Richard Martin Pitsch, Jr. Michael Dwain Plooster John Walter Rachow Susan Wynne Ramig Elizabeth Ann Petersen Rapier Daryl Craig Rife Bruce Leslie Ring Rand Cecil Ritchie Richard Allen Robbins Michael Oren Robinson Eric Scott Rolfsmeyer Gilbert Arthur Rude Daniel Francis Schafer Calvin Alton Schuler James Harrison Sederberg Timothy Mark Shelley John Ernest Simon Stephen Jay Simons

#### 1977

Steven Leo Clinch Scott Coatsworth Franklin Richard Cockerill, III Dennis Lee Confer Dennis M. Connolly Thomas Mitchell Connors Michael Alex Covalciuc Timothy Blake Crane Deborah May Croker David Robert Danielson Donald Jeffrey Darst Paul Thomas David Steven John Diamantis Thomas Michael Dieringer Gregg Jeffry Dimmick Patrick John Donovan Randall William Dotson Martin Walter Dukes, Jr. Patrick Shepherd Dunlap Paul Arthur Dutky

Jeffrey Joseph Smith Owen John Smith Carl Chung-Ho Sohn Leo Joseph Spittler William K. Stetson Lillian Rose Misle Stoller Roger Kenneth Stoltzman Vincent John Sutton William R. Thompson Gary N. Thomsen Thomas Fook-Chor Tse Edward V. Vandenberg Carl Craig Van Wey Vivekananda M. S. Wall Michael Brock Walsh Ronald Stewart Walters Charles Stratton Warden Michael A. Warlick Kipp Bradley Webb Lynn Roy Webster Janis L. Weeks William L. Weigel Walter Leroy Welch Terry Lee Welke Robert St. Clair Wenger Thomas H. Wiig Gerald Denis Willett Richard Joe Windle Curt Alan Wischmeier Robert Joe Wochner James Yuen-Kuen Yip John Dudley Zinke December 22, 1976 Loren Alec Bauman Robert E. Bowen Jane Louise Holtzclaw Robert Duane Larsen John Mark Morton Paula Evette Williamson

Paul Gerard Dworak Dennis Lee Edwards Bruce Michael Elliott Joel Duering Elson Kristen Louise Engdahl Michael David Eulberg Jerry Lee Fischer Terrence Thomas Fitzgerald Charles E. Flohr Gregg Alan Foote Terence Kealy Foote Richard L. Franssen Michael John Germer Jeanne Marie Gillespie Paul David Goodrich John Winfred Graves Robert John Hacker Bruce A. Harms Rodney Carl Hartman William Francis Hawn

Andrew Gerard Higgins Steven George Higgins Jeffrey Walter Hill Marsha Rae Gaunt Holdorf John Paul Holland Anne Marie Hubbard Kent Dwayne Johnson Kurt Eugene Johnson Lawrence Robert Jones Mark Richard Jones Sarah Lynn Jones Linda Ann Jost Lawrence Kent Kaczmarek Michael Todd Kafka James William Kahre Kevin James Kelly Frazier H. King Lynne Anne Marcum Kirk Richard Bruce Koefoot, Jr. Allen J. Koskan, Jr. Charles Krenzel Michael Ryan Kuskie Scott Phelps Liggett Mark Stephen Lingenfelter John Walter Linstromberg Larry John Little Walter Leo Longo Terri Gay Siemers Luedtke Karen Lynn Spetman Marsh Karen Jane Martinson Richard Ray McClaflin Howard Marshall McCollister Thomas Alan McKnight

May 21, 1978 Milo Victor Anderson James Paul Balters William Raymond Baumann Robert Allan Beer John Earl Beithon Steven Arthur Bieterman James William Billups Larry Dean Birch Patrick J. Bogard Richard Carrol Brunken Merlin Gene Butler Allan Scott Campbell Marilyn R. Capek Kevin Joseph Cockerill Hal Eubert Copple, Jr. Michael Marion Dehning Thomas Francis Dolnicek Douglas Mark Duven Joel David Ernst Mary Lou Flearl Brian Duane Foote Thomas Sigmund Forrest Hugh Martin Foy Gregory A. Freed James Edward French

Steven Charles Miller Randall Dean Morton John Dean Mowry John Joseph Mozdzen, Jr. Robert Michael Mraule Kathryn Lucile Mueller Jesse James Muir Alan James Nissen James Robert O'Dell Frederic Paul Ogren Michael Stephen O'Holleran Timothy Patrick O'Holleran Virgil Van Ottun Connie Maria Parenti Audrey Alane Armfield Paulman Paul Mark Paulman Marilyn Peters David Lynn Pittman Lawrence Alan Raines Vonn Ellis Roberts Timothy Charles Ryan Steven Eric Schneider John Herbert Schulte Jerry Kent Seiler Gary Lee Settje Steven Lyle Rowley Shaneyfelt Paul Samuel Sherrerd Gordon Stanley Silver Michael Allen Sitorius Robert Hugh Slaughter Joseph Walter Sojka Leslie Allen Spry Mark Eugene Stelzer

1978

Karen Alison Buchanan Fritz Alan Gene Fuss Brian Lee Ganzel Toni Michelle Haskins Glesmann Robert Norman Gould Susan JoEllen Rehm Graves Jeffery Allen Grubbe Kiyomi Anne Hachiya Thomas Ray Hansen James Michael Hayes Laura Mary Hays Ray Elwin Hershberger Dennis Durand Hickstein David Joseph Hilger David G. Holdt Jed Daniel Holmes David LeRoy Howe John Charles Huscher Gary James Hustad Donald William Jensen Randall Dean Jensen Dean Everett Johnson Robert Victor Johnson Bernard Gene Keown Willis Herman Kephart Michael Joseph Kihne

Richard Allan Stemm Margaret Ann Mack Tempero Francis Xavier Vacanti Jerome Robert Waldbaum Donald Joseph Walla Jeffrey B. Weeks Stephen Edward Welter James Curtis Wendt William Walter West Lee Richard Wilkins Blake Jerald Williamson Martin John Winkler Richard Scott Yates William Robert Yates Thomas Alan Zimmerman June 26, 1977 Suzanne Whiton Braddock Robert H. Davis Anne K. Toohey Mattas Margaret Esther Alexander Moravec Nancy Lynn Snyderman September 23, 1977 John Joy Jacobson Gary Dean Smith

December 16, 1977

Donald Joseph Janda

Larry Bernell Moeller

Gregory Edward Sutton

Susan Claire Loeffel

Errol O'Neil Singh

Randall Byard King William Jeffrey Lear Roger Lee Liliedahl Andrew San Lim Randall Lynn Linton Ronald Eugene Lowry Judson Campbell Martin Mark Mendez-Vigo Amanda Mary Metcalf Paul Fredrick Meyer Michael Gene Moeller Dean Lee Mundhenke Mary Musselman Patrick Newland Nance Donna Kay Petersen Nelson Daniel Alan Neumann Randall Dean Neumann David William Olson James Michael Patton Shelley Lynn Hanson Peetz George John Perlebach Dennis Lee Peterson Gregg Allen Peterson Mark Clifford Pinkerton Debra Claire Placek Douglas Ray Pope

John E. Pope Rex Kent Reckewey Joshua Isaac Riber Michael Dee Robinette Mark William Schanbacher Thomas Edward Scott James Frank Secton Howard Russell Semm Ellen Shapiro Patricia June Hahn Siegfried Patrick Lynn Sitorius Carl Vernon Smith Gregory Kent Sorensen Scot Calder Sorensen Andrea Jeanne Steenson Rodney Edmond Stone Jerry Wayne Tanner Thomas Jeffry Tegt

May 20, 1979 Barbara Gail Juelke Assel N. Katherine Babcock Richard John Badura, Jr. John Joseph Baker Thomas William Bauer Marc Ray Beck Ronald Edward Borg Larry Douglas Botts Andrew A. Brainard Joseph Paul Bruner John Frederick Buckley William Carlin Bucknam James Fay Burke Kerrey Brian Buser Steven John Buskirk William Scott Carpenter Robert John Cassling Monica Claire Caveny John Hudson Chain Robert Rush Chandler Wai Chung Cheung Michael Edwin Coats Kim Ellen Scott Collura Bruce David Cooper Thomas Brigham Cotton Bruce Ervin Dall Neal Alan Davis Timothy L. Davy James Leroy Deterding Peter E. Diedrichsen John Granville Dockum Michael John Domalakes Diana Lynette Casper Doyle Gregory Lee Ellison Michael Edward Farritor David Robert Finkle Lynne Kathleen Finley Barbara Ann Fishbach Laurie S. Fouser Jonathan Richard Fox

Michael A. Tidwell Robert D. Tucker Pat Leroy Unterseher Roscoe Orlando Van Camp John A. Wagoner, Jr. Daniel Laurens Walrath Richard Joseph Walsh Eugene Alan Waltke Dean Kelvin Wampler Dan Patrick Warlick Chris Earl Wilkinson JoLee Hrnicek Wupper H. Hunter Yost John Gantt Yost, Jr. William Earl Zoesch August 12, 1978

#### 1979

Erik Lihn Johnson

Gayle Angela Gilroy James Bristow Giltner Ann Verlene Govier Fred Everett Govier Lance Michael Gowen Ronald Alan Greeno Douglas Chester Gruzd Fred Emil Gunville John T. Hachiya James Edward Hamous John Alan Hansen, Jr. Garth Frazier Harrison Gregory Eugene Haskins Thomas Mark Heiser Leroy Vernon Heldt Mitchell Lane Henry Joseph Mathias Hermsen Bruce Allen Holcomb T. J. Holmes Robert Gary Hunt Douglas Allen Husmann Randy Ralph Idler Joedy Ray Istas Jeffery Blaine Itkin Daran L. Jensen John Lyle Jensen Robert Dean Jensen Mark Brian Johnson Frederick Merrill Karrer David Michael Kilpatrick Gary Joseph Klein Michelle Sue Thomas Knolla Rex J. Kolste Margaret Kintras David Charles Koukol John William Kugler Robert Martin Langdon, Jr. James David Leahy Peter F. Leonovicz, Jr. Kurt White Lesh Terry Ray Lewis

September 22, 1978 Richard Kerry Dyer Phoebe Anne Kaplan December 15, 1978 Daniel J. Albee Gary Lester Baker Lawrence Estel Banta J. Kevin Lynn Belville Stephen Roger Dager John Weinandt Duncan Robyn Gembol Glenda Joy Housel Thomas Orval Martin Michael Patrick Metz Barry Leon Munyon John Florian Riedler Robert William Yoachim

Douglas Jon Lichti William Brad Lockee Eugene Scott Mackie Walter Ned Robert Maimon David Emile Maltry Jeanette Louise Masek Steven John Mattas Patrick Jordan McGuffey Nicholas Anthony Kevin Metcalf Daniel Warren Miller Gary Floyd Moore Iris Jean Bowdino Moore Debra Elizabeth Barry Mostek Kirk Benton Muffly Kevin Robert Murphy William Jenning Near Lawrence William O'Holleran Thomas Orin Paulson Thomas Lewis Petty Vicki Jean Petersen Jeffrey Collins Popp Carlos Alberto Prendes Scott William Prescher Trent William Quinlan Robert Allen Randall Richard Kurt Reiner Terry Eugene Robinson Douglas Lynn Rose Susan Pettis Roux Jean Anne Hoffman Saigh Gary Douglas Schmitz Steven Dale Schulz Gary Alan Scott William James Shelton Aina Inese Silenieks Joseph Wesley Sloan, Jr. James Emerson Smith, III Victor Judd Sorensen Marlin Gerald Stahl James Paul Steinberg Susan Marie Strate

Stephen Craig Stripe
John Douglas Terry
Michael Floyd Thompson
Eric Sondergaard Thomsen
Alan Glen Thorson
Stephen Charles Tines
Jacqueline Ann Torell
Gary Paul Van Ert
Mary Kim Voss
Joel Douglas Wacker
Van Eugene Wahlgren
Merritt Gregg Warren

May 25, 1980 Henry George Adams Lonnie Scott Albers Wavne Arlan Alberts Elizabeth Jane Allen Dean Francis Arkfeld Stanley Monrad Bach, Jr. Harold Raymond Bares Gary Wayne Bauerle Joyce Anne Belik Steven Niels Benaron James Alan Bobenhouse Beverly Jean Bohac Donald Lee Bumgarner Janet Susan Parilek Bumgarner William Joseph Burke Blake Allan Butler Mary Helen Heintz Cavel Nicole Amelie Chauche Roger Lee Click John William Clouse David Wickham Cloyd Jeffrey Allyn Coffman Jane L. Bonebrake Dawson Timothy Andrew Deffer Steven Miles Denenberg Cathy Lynn Drake Patricia Jean Place Eastman Olga Pestana Edwards Stanley Glenn Eilers David Ellsworth Einspahr **Timothy Jon Ernst** Carol Jean Greenwood Feltheim Michael Patrick Ferris Thomas Lee Folsom Todd Hobart French Michael H. Fritsch Dale A. Gerdes Kenneth Daryl Gitt David Alan Gloor Richard E. Goble Neal Warren Gogan Roger Russell Good Joyce Larea Haun Gurney Jud Walter Gurney Harumi Li Hachiya Said François Hakim Thomas Walter Hale

Melanie Sue Weeks Robert Leland Wergin Peter John Whitted C, Wilch Michael D. Wilkerson Diane Leigh Wisebram Elizabeth Anne Yager Simon Philip Zadina John Leo Zimmer

March 23, 1979 Elizabeth Blaine Fraze

#### 1980

Dale Allan Hansen Leonard Charles Harris Marvin Graves Henderson Eugene Lloyd Hiebert Janet Sue Weedin Howe Steven Allen Hultman Greggory Steven Hurlbut Christopher Langdon Ihle Mary Dale Jenkins Cheri Lynn Walgren Jensen Gerald Ivan Jensen Valerie Jean Johnson-Bailie Paul Willsie Kampfe Katherine Ann Keifer Joseph Calvin Keller Richard Loran Keller Charles Joseph Kerndt Douglas William Kiburz Andrew Mark Klein Mickey Maxwell Kolodny Bart K. Kolste Kent Wendell Kronberg Jane Ann Kugler Leander Kutlun Lee Cynthia Campbell Leigh Laurence Francis Lesiak James R. Linder Deborah L. Lindquist Susan Jane Lockwood Kay Karol Lohr Charles Yan-Che Lui Raphael Chun-Sing Lui Thomas Robert Macholan Janet Elsa Larson Mailliard Mark Edward Mailliard Larry Michael Marcus Michael Andrew May Steven Robert Mayfield Michael L. McCarty Michael Stephen McHale Robert B. McKeeman Scott William McKercher Scott Allen McPherson Clayton John Menagh John Thomas Miller William Edward Miller Thomas Edward Nevrivy Brian Orth Nyquist

June 22, 1979
Steven Daryl Wilkening
Kent Thomas Lacey
Steven Max Williams
August 17, 1979
Cathleen Gilmore Dietz

December 21, 1979
John Henry Adkins
Catherine Kennedy Grossman
Thomas Howard Olson
Sharonelle Simmons

Eric Andrew Ogren Dennis Rom Pannullo Paul Leon Peters Anton Frank Piskac Pattricia Sue Prigeon David Charles Rada Elizabeth Cecile Reed William Henry Harrison Reeder, III Gregory Lee Reimer Susan Joy Reitz Roselyn Marie Remington Julia Ann Schroeder Terry D. Schwab Kay M. Herber Shilling Trudy Ann Skiles Dale Frank Sobotka R. Craig Spaur Richard Joseph Stitcher Timothy Joseph Stivrins Michael J. Stoltenberg Janette Fae Strasburger Thomas Louis Taxman James Dean Thayer David George Toren Harold Kai Tu Robert Thomas Vahle Douglas Kent Vonderfecht Richard Paul Votta Richard Allen Walker Gregory Charles Warner Julia Anne Weeks John Clinton Welch Lynne D. Brannagan Willett Mark Charles Wilson Lori Jane Wolpa June 29, 1980

Bruce Edwin Harvey Douglas James Weedman August 16, 1980 Norman T. Heisler

December 19, 1980 Laurie Anne Aten Marden Lee Brown Mary Mackiernan Hemalatha Subbaratnam Kyle Stanley Wills

# Pioneering the Good Life... A Century of Preparation



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