



## 1967 Federation Drive Begins at Hospital

The 1967 Jewish Federation Fund Drive will take place at the Hospital from April 7 through April 24. Robert Hickok is chairman of the Drive this year, and has been working with his committee for the past month to spearhead the campaign which has a goal of \$8,500.

Last year the Jewish Federation provided the hospital with \$210,000, one of the largest contributions the Hospital receives from an outside source. The income from the Federation is used to partially defray costs of providing care for needy patients and to support the medical and surgical teaching programs, the Chronic Disease Division, Aaron Waldheim Clinics, Psychiatry, and the Home Care Division.

The following case study is an example of a person for whom Jewish Federation funds provided the special kind of care needed:

Miss Frances R. helped support her aged parents through her job as a professional typist.

Chronic rheumatoid arthritis sustained in her youth brought Frances to Jewish Hospital for treatment in the Aaron Waldheim Clinic. Last year, further compli-



cations arose when she developed a numbness and weakness in her hands and legs. In their investigation on the Medical Ward Service, doctors found that she had developed a destructive process of the cervical vertebrae.

After surgery, Frances was transferred to the Division of Physical Medicine and Rehabilitation at the Hospital. During her first days there, she was unable to walk. She gradually regained the use of her legs and her arms during an intensive program of strengthening exercises.

After discharge, Frances was temporarily placed in the Home Care Program. Personnel in the program assisted her in adapting her rehabilitation to a home situation where her employer is sending her work. It is expected that she will be able to return to work within a month, and at that time she will be discharged from the Home Care Program and reinstated with the Outpatient Department for further medical management.

This case history shows how Frances R. has been aided through the many different funds of the Jewish Federation. Your gift can help others like her.

## Jewish Hospital Participates In AHA Nursing Care Study

Jewish Hospital, along with 54 other hospitals, recently participated in an American Hospital Association study to determine if Medicare-aged patients receive more nursing care than other patients.

Phillip Bassin, assistant director of the Hospital, was appointed by the AHA to serve on the advisory committee that designed the study methodology.

He was also one of nine regional directors appointed to coordinate the actual performance of the study.

Mr. Bassin said, "This was the largest work sampling study ever taken in the hospital field. More than 200,000 observations of nursing personnel were reported. Each participating hospital contributed an average of 4,000 observations."

Six St. Louis hospitals participated in the study.

In each of the nine geographic areas of the nation, the regional director held training sessions for the personnel fulfilling key roles in the study from each hospital.

At Jewish Hospital, Mrs. Virginia Reisinger, director of nursing service, served as nursing coordinator, and Julian Kolodziej, administrative resident, was administrative coordinator.

Work sampling observers were either R.N.'s or L.P.N.'s. At Jewish Hospital, registered nurses included: Miss Doris Frazier, Mrs.

Barbara Cockrell, Mrs. Maxine Williams, Mrs. Jane Williams, Mrs. Gail Metivier and Miss Kathleen Welsh.

The observers recorded the following information for each observation:

1. Type of staff member performing the activity.
2. The activity category (medications, feeding, charting, transporting patient, etc.).
3. The patient for whom the activity was being performed.

The American Hospital Association has partially analyzed the data for 39 of the 55 participating hospitals. On the average, the over-65 patient received .92 hours (23%) more nursing care per day than the under-65 patient.

"The importance of this study is clear," said Mr. Bassin. "A preliminary study in Southern California showed (and these results confirm) that Medicare patients require more nursing attention than younger patients."

"Yet, the Federal government reimburses the hospitals via a method which says all patients cost the hospital exactly the same amount."

After further analysis of the study, the AHA may be able to go to the Federal government to request a reconsideration of the method used to determine the payment to the hospitals for Medicare patients.



## Bierman Joins Board Here

Arthur Bierman, recently elected president of the Board of Directors for the Jewish Center for the Aged, will serve as an ex-officio member of the Jewish Hospital Board of Directors.

Mr. Bierman was born in St. Louis, and attended Clayton High School. In 1941 he was graduated from Washington University receiving his A.B. and L.L.B. degrees.

In 1950 he became secretary-treasurer of Central Waste Material Company. After his father's death, Mr. Bierman became president of the company in 1965.

The Bierman family has been active in the community for many years. The family has always been closely associated with the Jewish Center for the Aged. The late Samuel L. Bierman was a member of the Board for almost 50 years. His late wife, Hattie, served for over 40 years in the Auxiliary of that organization. Arthur Bierman has been a member of the Board for 10 years. Thus, the aggregate family service to this organization totals over 100 years.

## J. O. Hepner, Ph.D., Heads W. U. Graduate Program

James O. Hepner, Ph.D., associate director, has been appointed the first full-time director and assistant professor of the Washington University School of Medicine Graduate Program in Hospital Administration. His appointment will become effective July 1, 1967.

For the past three years, Dr. Hepner has served as associate director at the Hospital and part-time assistant professor in the Hospital Administration Program. In 1958 he became administrative resident, and successively, administrative assistant and assistant director of Jewish Hospital.

When Dr. Hepner discussed his new responsibilities as director of the graduate program, he mentioned long-range plans for encouraging research and adding to the full-time faculty of the program. At present there are no full-time teachers in the graduate program, but more than eight part-time teachers, including David A. Gee, executive director of Jewish Hospital, who is an assistant professor of Hospital Administration and a 1951 graduate of the program.

Home base for the graduate program will be located in one of the Medical School Hospitals, where 25 students from all over the United States will begin attending the fall semester, the first part of a 2-year sequence. Presently there are 14 graduate

students enrolled in the on campus academic year; 15 participating in the 12-month residency which starts at the end of the didactic requisite. Upon successful completion of the graduate program, degree candidates return to the campus for awarding of the Master of Hospital Administration degree from Washington University School of Medicine.

"About 100 firm applications are received each year, and selected applicants are required to come to St. Louis for a personal interview. If the applicant is married, his wife is invited to join him for the interview. This way the faculty has an opportunity to see both of them, and they can see the facilities and talk with the faculty here as well," Dr. Hepner said.

Washington University has one of the few Graduate Programs in Hospital Administration which is a department of a medical school. The other 27 affiliates of the Association of University Program and Hospital Administration are located in Business, Graduate, Public Health, and other Schools of the University.

"More than 250 men and women have been graduated with Master degrees in Hospital Administration since the inception of the Program in 1946 by Frank R. Bradley, M.D., Professor of Hospital Administration."

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JOSEPH F. RUWITCH, *president*DAVID A. GEE, *executive director*MRS. BARBARA JANES, *director of community relations*MRS. TWINK CHERRICK, *coordinator of public relations*LYNN MARTIN, *editor*MRS. HENRY H. STERN, *special correspondent*

The Jewish Hospital OF SAINT LOUIS

HOSPITAL

POTPOURRI

Evelyn Whitlock, director of Medical Records, received a 1966 Campaign Service award from the Jewish Federation at its annual meeting held at the Chase-Park Plaza Hotel.

James O. Hepner, Ph.D., associate director, attended the 63rd annual Congress on Medical Education in Chicago, Illinois. He represented the Association of American Medical Colleges Council on Teaching Hospitals.

David A. Gee, executive director, attended the American Hospital Association mid-year conference in Chicago, Illinois.

June Enger, occupational therapist, talked to more than 60 students at McCluer High School Career Day held on March 9th.

Mrs. Dorothy Hudson, nutrition instructor, School of Nursing, has been elected by the Missouri Dietetic Association to serve as delegate to the House of Delegates of the American Dietetic Association. This is a three-year term of office. On January 25, Mrs. Hudson attended an executive board meeting of the Missouri Dietetic Association, which was held in Columbia. At this time, she assumed her duties as delegate.

Miss Margaret Loh, director of nursing, has been appointed to the Nursing Advisory Committee of the Junior College District of St. Louis and St. Louis County.

Mrs. Nadean Wright, supervisor, Central Supply, participated on the planning committee of the National Association of Hospital Central Supply Personnel during a two-day meeting held March 21-22 in New York City. The planned seminar will be held in New York in the fall.

Mrs. Wright will also speak at the May 3-4 annual meeting in New Orleans, Louisiana, of the National Association of Hospital Central Service Personnel. Her speech will concern "Control Systems."

Miss Sandra Korbin, a graduate of Central Methodist College, Fayette, Missouri, has joined the staff of the Home Care Training Center as field representative and assistant to Sandra Howell, H.C.T.C. coordinator. Miss Korbin has a background in social work and employment counseling, and has worked for the Missouri State Department of Health and Welfare before joining the Hospital.

## Awards Tea For Employees

The 1967 Employee Service Awards Tea will be held from 2:30 to 4:30 p.m. on Friday, May 12, in the Moses Shoenberg Nurses Residence Auditorium.

Invited guests include all employees marking five-year milestones in 1966 and all retired employees not honored at last year's tea. Department heads and supervisors are also invited to attend the program. James O. Hepner, Ph.D., will be master of ceremonies for the event. Edward F. Schweich, a vice-president of the Board of Directors, and David A. Gee, executive director, will congratulate each employee and present him with an award (for the honoree) or certificate (for the retiree).

Following the awards, photographs will be taken of the winners, and all those attending will be invited to share the refreshments provided by the Dietary Department.

*Through the joint efforts of the Personnel Office and the Public Relations Department, a new program honoring employees has been initiated at the Hospital.*

*Photographs are taken of each employee celebrating a 5-year milestone anniversary of employment with the Hospital during 1967; then a display is arranged each month on the Employees' Bulletin Board with the name of the employee and his or her anniversary date.*

*Lynn Martin, editor of the "216", photographs the employees for this on-going program; Mrs. Nancy Creek, Public Relations, is coordinator for the display.*

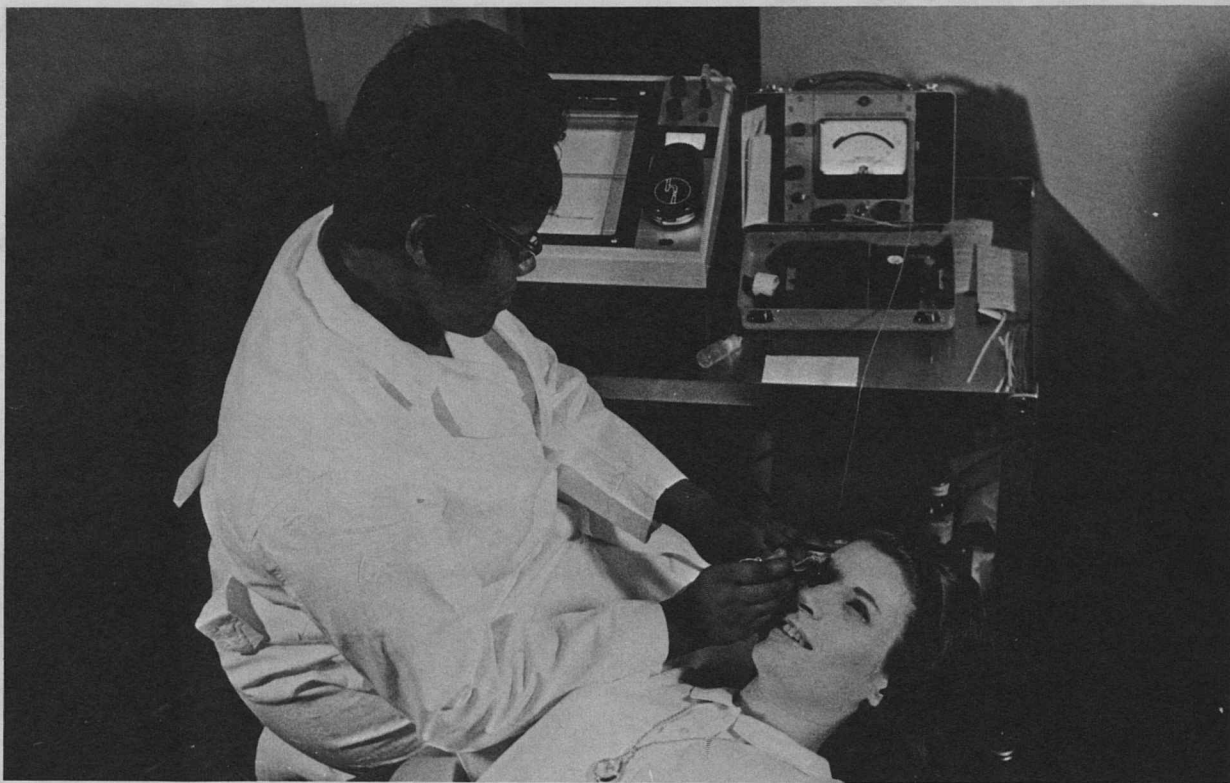
## New Executive Housekeeper

Lester J. Norbury has joined the hospital staff as executive housekeeper.

Mr. Norbury formerly was employed by the Pet Milk Corporation in Greenville, Illinois, and more recently by Food Service Management. In the latter position, he was an assistant cafeteria manager at St. Louis University.

Regarding his job, Mr. Norbury said, "This appears to be an interesting challenge and I'm looking forward to meeting more of the people on our staff. I'm really impressed at how cooperative and friendly everyone is."

Mr. Norbury and his wife, Tofelea, are the parents of 3 children: Barbara, 10; Alice, 20; and Robert, 22. They reside in Collinsville, Illinois.



MRS. LYVONNE McCLENDON, former Neighborhood Youth Corps enrollee, demonstrates the use of specialized equipment in the Eye Clinic on Mrs. Sharon Silverman, who is receiving a diagnostic test for glaucoma.

## Neighborhood Youth Corps Enrollees Find Satisfying Hospital Careers

"The Neighborhood Youth Corps provides an opportunity for a youth to pull himself out of poverty or poor environment. That's a pretty good definition of the N. Y. C. goal," according to Wayne Flesch, Youth Corps Counselor for Jewish Hospital.

Jewish Hospital is one of five St. Louis hospitals (and the only private hospital) cooperating with the federal government in the Neighborhood Youth Corps program.

Most people are surprised when they hear that one of the major problems of Youth Corps enrollees is not realizing how to work.

People who have grown up with hard working parents, and who have worked hard themselves, find it almost inconceivable that a young person does not know how to work.

"Nearly all Youth Corps workers come from homes with severe family problems," said Mr. Flesch.

"It is possible that these young people have grown up with parents who have lived their entire lives on public welfare rolls. If the parent doesn't know how to work . . . can we expect the child to pick it up out of the thin air?"

### Knowing How to Work

The term "knowing how to work" puzzles some people. Counselor Wayne Flesch explains: "The simple act of forcing oneself to get up at six in the morning and coming to work every day is a major accomplishment for those who've never done this in their life."

"Absenteeism won't be tolerated in jobs and we have to get the message across that this is a basic ground rule of any job."

"Other aspects of 'knowing how to work' include getting along with your supervisor and fellow workers; maintaining personal cleanliness and developing a sense of responsibility to the job."

Each Youth Corps enrollee is given a series of tests by the Personnel Office in order to correctly place the youth in a job appropriate for his capabilities.

The basic Jewish Hospital contribution to the program is the counseling and training carried on by the regular Hospital supervisors.

The Youth Corps counselor also conducts weekly sessions teaching the enrollee basic job responsibilities and courtesies.

### Limited Education

The Neighborhood Youth Corps job-placing efforts are limited mainly to those who have quit school or who need special training to successfully hold a job.

The age limit in the program is 16-21. Most young men in the program are between the ages of 16 and 18. After that age, they usually try for the armed services (most will not meet the basic qualifications) or move into a permanent position.

Most young ladies in the Youth Corps range in age from 16 to 20.

The Youth Corps will not obtain a job for a youth immediately after quitting school. A period of at least six months is required because the Youth Corps doesn't want to encourage young people to leave school by providing instant jobs.

Some of the Youth Corps enrollees will return to high school after seeing what work is really like. They discover that they are not qualified to hold the kind of job they really want.

### Many Are Mothers

Many of the girls in the Youth Corps have children. The sudden responsibility of having a dependent sends them scurrying for work. Most try the big department stores and other large employers. After being unsuccessful, they then find the Youth Corps.

Mr. Flesch told of this example: "I recently interviewed a 21-year-old girl who had left school at age 18 upon the encouragement of her friends. After having her second child, she came to Neighborhood Youth Corps wanting to better herself and the fate of her children. She was particularly bitter toward her friends who had encouraged her to leave school."

### The Word Gets Around

"Our best advertising is our enrollees. If they have a pal who is in trouble . . . in need of money . . . perhaps on the brink of heading into a life of despair, they may talk them into seeing a Neighborhood Youth Corps counselor."

"The Youth Corps, one of many facets of the President's 'War on Poverty Program,' has a better image than some of the other poverty oriented efforts."

"Many people confuse the Neighborhood Youth Corps and the Job Corps. The Neighborhood Youth Corps obtains part-time jobs and trains youths at home. The Job Corps transports the youth to a situation away from his home. There is no interchange or relationship between the two programs," Mr. Flesch added.

### A Success Story

A good example of Youth Corps-Hospital relationship exists in the Eye Clinic.

Lyvonne McClendon came to the Hospital as a Youth Corps enrollee and was trained by the doctors in the Eye Clinic.

The training and counseling was so successful, that Mrs. McClendon has moved into a full-time position.

Mrs. McClendon has sole responsibility for scheduling patient visits, answering and routing all telephone calls, and in preparing patients to see the doctor.

She has learned to give the familiar eye chart tests with high accuracy and presently handles all tonograms. (A tonogram is a diagnostic test for glaucoma; it is also used to measure effectiveness of treatment).

Mrs. McClendon is so proficient with the tonograms, that the physicians in the area have asked her to teach another girl in the Hospital to perform the same test.

Dr. Ronald W. Barnet, resident in Ophthalmology, commented about Mrs. McClendon: "She is making a very significant contribution to the Hospital. We hope to get another Youth Corps worker just like her."

## Medical Staff

Marvin E. Levin, M.D., and Lillian Recant, M.D., authors of "Hormonal and Biochemical Studies in a Diabetic Family", recently had the article published in the January issue of the *Annals of Internal Medicine*.

Franz U. Steinberg, M.D., director of the Department of Long Term Care, has been appointed to the Advisory Committee to the Board of Curators for the Missouri State Crippled Children's Service for the period July 1, 1966, to June 30, 1969.

Melvin M. Schwartz, M.D., recently toured Israel for three weeks, where he spent two days at Beilenson Hospital (the largest hospital of the Histadruth [labor union] there). Dr. Schwartz lectured on "Para-Cervical Block in Obstetrics".

Sidney Goldenberg, M.D., gave a speech to the Lincoln-St. Charles County Medical Society on the "Management of Diabetic Acidosis" in February.

Daniel D. Klaff, M.D., attended the 2nd International European Congress of Rhinology at the University of Bourdeaux, France.

Edward Massie, M.D., attended a conference of the American College of Cardiology in Washington, D.C. The meeting dealt with "Electrocardiographic Interpretation by Clinical and Computer Methods".

L. M. Aronberg, M.D., attended the South Central Section meeting of the American Urologic Association in Omaha, Nebraska.

Saul D. Silvermintz, M.D., attended a recent meeting of the New York State Medical Society held in New York City.

David Rothman, M.D., director, Department of Obstetrics and Gynecology, will attend a meeting of the American College of Obstetrics and Gynecology April 18 and 19, in Washington, D. C. Discussions will be held on "Psychiatric Sequelae of Therapeutic Abortion" and "Psychosomatic Infertility."

Samuel D. Soule, M.D., attended a meeting of the Michigan State Academy of General Practices in Detroit on March 16th, where he gave a speech, "Use of Proteolytic Enzymes in Obstetrics and Gynecology." Dr. Soule is vice chairman in charge of the Breakfast and Luncheon Conference for the April meeting of the American College of Obstetrics and Gynecology.

Leon Fox, M.D., attended the American Academy of Orthopedic Surgery meeting in San Francisco, California, January 10-20th.

Gunter Schmidt, D.S.S., met with the American Gerodontology Society in Chicago, Illinois. The meeting was on the topic, "The Care of the Elderly Patient."

Moisy Shopper, M.D., attended the meeting of the American Psychoanalytic Association in New York City where the topic of discussion was "Psychoanalysis of Adolescents." Dr. Shopper recently gave a talk at the Family and Children's Service on "What Is Your Child Doing?—ages 6-11." An article by Dr. Shopper was published in the February issue of the *Archives of General Psychiatry*, entitled, "Emotional Problems in Student Nurses, Childhood Factors."

Robert Dodd, M.D., attended the Association of University Anesthetists in New York, New York, during March. The program was presented by the Department of Anesthesiology and Alumni of Columbia University College of Physicians and Surgeons.

Edward H. Reinhard, M.D., attended the recent meeting of the American Society of Hematology in New Orleans, La. On March 4, Dr. Reinhard attended a conference of the Polycythemia Study Group at Mt. Sinai Hospital in New York City. Discussion was "Preparation of Protocol for Clinical Evaluation of Various Methods for Treating Polycythemia Vera."

Eugene D. Taylor, M.D., will attend the Conference of the American College of Obstetrics and Gynecology in Washington, D. C., April 16. The topic will be "Hazards of Labor in the Grand Multipara."

Herbert B. Zimmerman, M.D., appeared before the St. Louis Medical Society in an "Afternoon of Cardiology," sponsored by the St. Louis Heart Association. Dr. Zimmerman's talk was entitled "Cardio-Pulmonary Resuscitation."

Sam Frankel, Ph.D., spoke to the Northeast Section of the American Association of Clinical Chemists at the Massachusetts Institute of Technology in Boston on "Computer Application to Clinical Laboratories." Dr. Frankel will speak to the Arizona Society of Medical Technologists in Phoenix on April 22nd on "Creating Phosphokinase."

Nathan M. Simon, M.D., spoke to the American Jewish Congress regarding "The Psychology of Extremism," March 5th.

M. D. Marcus, M.D., attended a meeting of the American Academy of Dermatology in Miami Beach, Florida.

Herbert Silver, M.D., attended a conference on "Uterine Cytology" at the University of California School of Medicine. Dr. Silver also attended a meeting at the Armed Forces Institute of Pathology in Washington, D. C., March 20-24.

Joseph Efron, M.D., attended a Medicolegal Symposium at a meeting of the American Medical Association in Miami, Florida, March 9.

Arnold S. Block, M.D., attended an A.P.A. Colloquium for Postgraduate Teaching of Psychiatry in Scottsdale, Arizona, April 8-9.

Robert S. Weinhaus, M.D., attended the annual meeting of the American College of Physicians in San Francisco, California, April 10th.

Irwin B. Horwitz, M.D., attended a conference of the American College of Surgeons in Colorado Springs, Colorado.



MELVIN SCHWARTZ, M.D., (right) president-elect of the St. Louis County Medical Society, chats with William A. Marmor, M.D., a thirty-year Society member, in the Jewish Hospital Medical Staff Lounge.

## Dr. Schwartz President-Elect Of County Medical Society

Leonardo Da Vinci was a master of most trades of the Renaissance man. He had many specialties: he was an expert in physics and optics, in painting and sculpture, and inventor and civil engineer.

Dr. Melvin Schwartz, a member of the Jewish Hospital visiting staff since 1953, is not too far removed from a 20th century Da Vinci, but his interests are directed toward the multiplicity of specialties within the growing medical field.

Dr. Schwartz's most prominent and recent special interest has to do with his association with the St. Louis County Medical Society. Now president-elect, Dr. Schwartz will take office in January, 1968, as full-time president.

Through the years that he has been a member of the Medical Society, he has held many positions: councilman for a three year period from 1962-1965 (the Council of the St. Louis County Medical Society is the functioning arm of the group); secretary of the group in 1965; councilman again in 1966; delegate to the Missouri State Medical Convention several years; chairman of the Public Relations Committee for 6 years, and associate editor of the St. Louis County Medical Society Bulletin for 5 years.

### Other Activities

His duties with the Medical Society do not prevent him from working actively in other areas.

Dr. Schwartz is a member of the Medical Staff Council at Jewish Hospital. He is an instructor on the faculty of the Washington University School of Medicine in the Department of Obstetrics and Gynecology.

He also holds the position of president of the Social Health Association of St. Louis, which requires his attention to provide information about sex education in Greater St. Louis.

Dr. Schwartz is president of the Jewish Hospital Alumni Association, and the vice-president of Phi Delta Epsilon Graduate Club of St. Louis.

He is a past president of the Greater St. Louis Society of Clinical Hypnosis, and presently

is the secretary-treasurer of that organization.

Aside from these activities, Dr. Schwartz is a Mason whose Blue Lodge is in Tachicawa, Japan. He is proud of the fact that he is a charter member of the Grand Lodge of Japan. He is a Shriner and a member of the Scottish Rite in St. Louis.

### You Can't Say 'No'

When questioned about spreading his time out so much, Dr. Schwartz said, "You can't always say 'no' to people. There are too many persons who do say no, and don't give of themselves. These passive human beings who are not willing to participate and who bitterly complain about how an organization is run should stop talking and start working. Members of organizations who wish to be represented should attend meetings and become active participants instead of passive ones. The voice of an individual can be heard, if he is persistent and in attendance."

## Dr. Goldman To Be Honored at Medical Ball

Dr. Alfred Goldman, a member of the Jewish Hospital staff, will be honored by the St. Louis Men's Advisory Board of the American Medical Center at Denver on the evening of May 13th in the Khorassan Room of the Chase-Park Plaza Hotel.

The occasion is the annual A. M. C. Ball, a fund-raising dinner-dance sponsored by St. Louis supporters of the hospital in Denver, founded 63 years ago as the Jewish Consumptives' Relief Society.

Dr. Goldman will be cited for his more than 40 years of humanitarian service, many years of which were directly devoted to the J. C. R. S. which later became the American Medical Center in Denver.

## Dr. Weintraub Dies in Florida

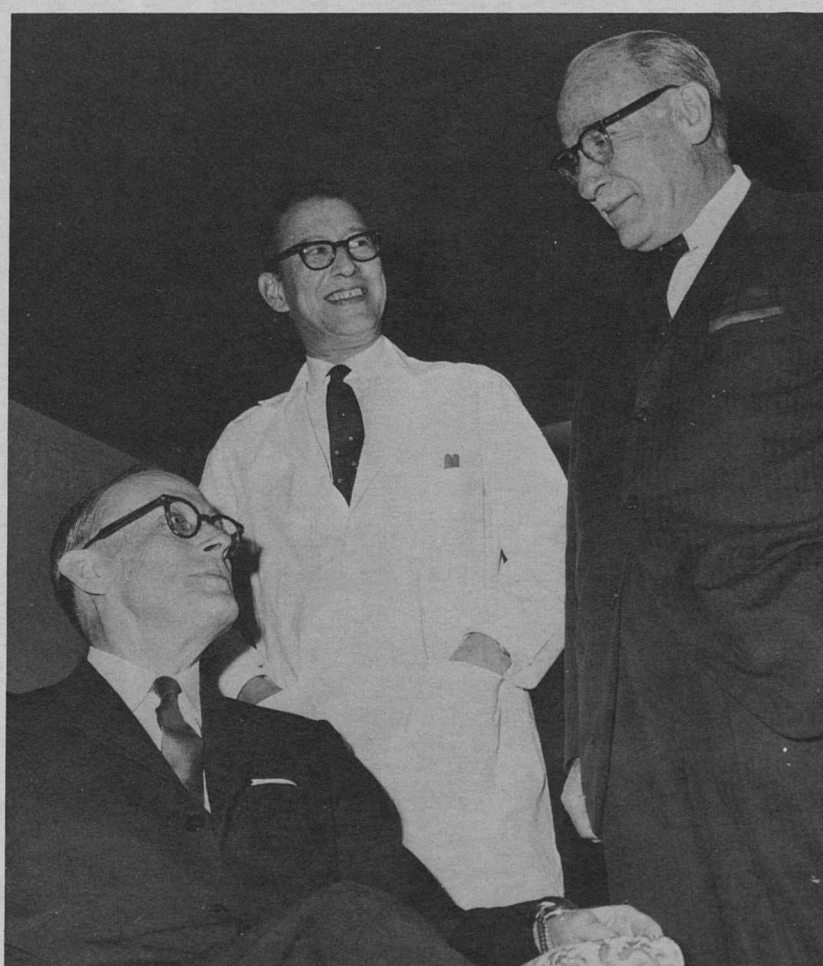
Dr. Solomon A. Weintraub, a member of the Jewish Hospital Medical Staff, died February 24, while vacationing in Sarasota, Florida. He was 81 years of age.

Dr. Weintraub was graduated from the Washington University School of Medicine in 1909.

Besides his work at Jewish Hospital, where he was a former director of Obstetrics and Gynecology, Dr. Weintraub was associated with City Hospital, St. Louis Maternity Hospital and St. Mary's Hospital.

He was a charter member and former president of the St. Louis Gynecological Society and a Fellow of the American College of Surgeons.

He is survived by his wife.



WARREN H. COLE, M.D., (seated) at Jewish Hospital as lecturer for the annual J. G. Probst Lecture, visits with Dr. Probst, (right) and Dr. Morton D. Pareira, surgeon-in-chief, before the lecture March 9.

## Research: Daily Activity In Pathology

Research in the Department of Pathology and Laboratory Medicine at Jewish Hospital has received an important boost with the installation of a new electron microscope.

This new Siemens microscope replaced a much smaller, less powerful electron microscope that had been used for ten years.

The Siemens microscope comes from Germany and was installed by company technicians. Final checkout and adjustment was completed in December.

Dr. William E. Stehbens, pathologist-in-chief, commented, "This microscope is considered first rate . . . there is none better".

"The microscope will give magnifications more than half a million times. Of course, when one compares the electron microscope with the familiar optical microscope, which has a limit of magnification of 2000 times, one is impressed by modern technology," said Stehbens.

### Shadow Watching

Nearly everyone has had an opportunity to experiment with the conventional microscope in a high school science or biology class.

With this type of microscope, light rays are reflected off a mirror up through the specimen into the lens of the instrument.

In the electron microscope, beams of electrons instead of beams of light, are focused on the specimen.

Since you can't see electron beams, a different method of looking at the resulting image had to be invented.

This method includes the use of a piece of photographic film placed behind the specimen, then the elec-

tron beams cast a shadow of the details of the specimen to the film below. A shadow picture is the result, and is called an electron micrograph.

### Thin Slicing

Since electron microscopy is really shadow watching, the section to be viewed must be carefully prepared so that it will be quite thin to enable enough electrons through it to show its details.

For example, if a specimen meant for viewing through a common optical microscope were placed in the electron microscope, the resulting shadow cast would merely be a large blob showing the outline of the specimen and nothing else.

In fact, the thin section for the electron microscope must be 100 times thinner than a section for light microscopy.

### Patience and Precision

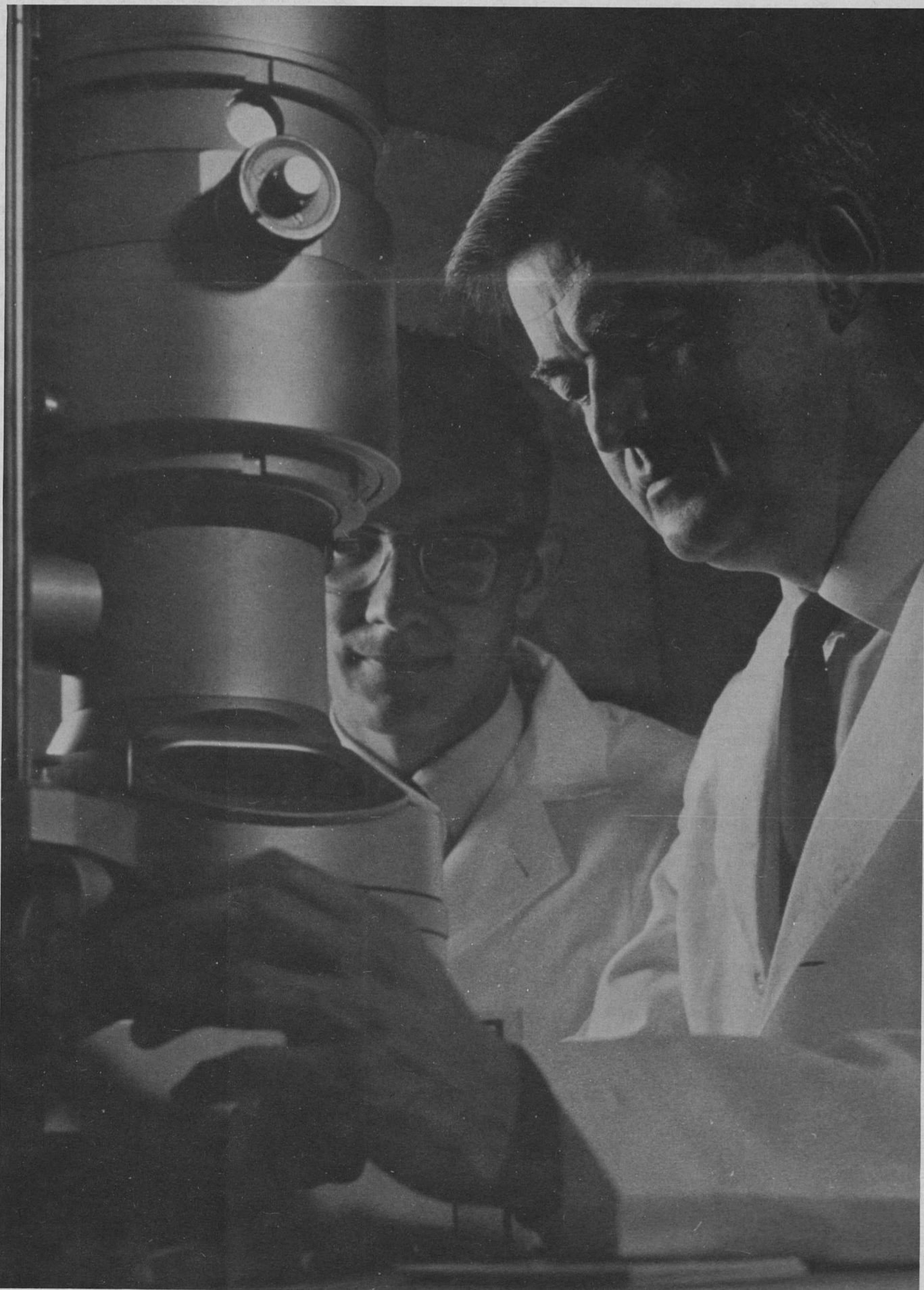
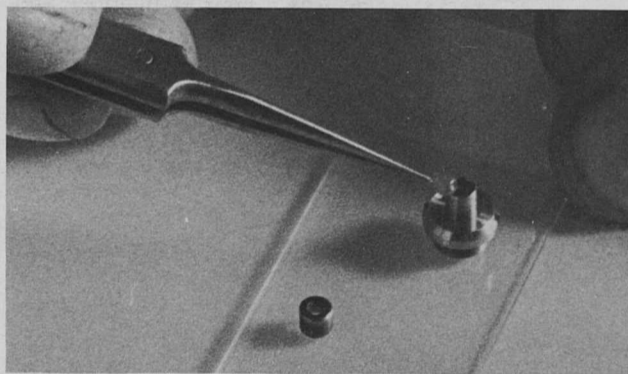
The job of preparing these super-thin slices of tissue is quite intricate, and requires highly specialized cutting equipment.

William Grill, an experienced electron microscopist, has been hired to coordinate the job of specimen preparation and to maintain the microscope and associated equipment.

"In the future there will be a vast increase in the use of the electron microscope in the field of pathology," Dr. Stehbens said.

Actually, electron microscopy is a relatively new field. In the past, primarily the normal has been investigated. Scientists are just beginning to use the electron microscope to compare the normal with the abnormal.

The high magnifications allow us to examine the very



# Contributions to Jewish Hospital Funds

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fine structure of cells and to detect very early changes in disease, and hopefully, find clues leading to the cause of the disease.

#### Arterial Wall Research

Dr. Stehbens, an Australian who joined the staff in September, 1966 has conducted extensive research into diseases of the arterial wall.

Originally his investigations centered around cerebral blood vessels and particularly cerebral aneurysms, which are dilatations of the arterial wall occurring where blood vessels divide. Dr. Stehbens stated that there is evidence supporting the contention that cerebral aneurysms are due to degenerative changes in the arterial wall.

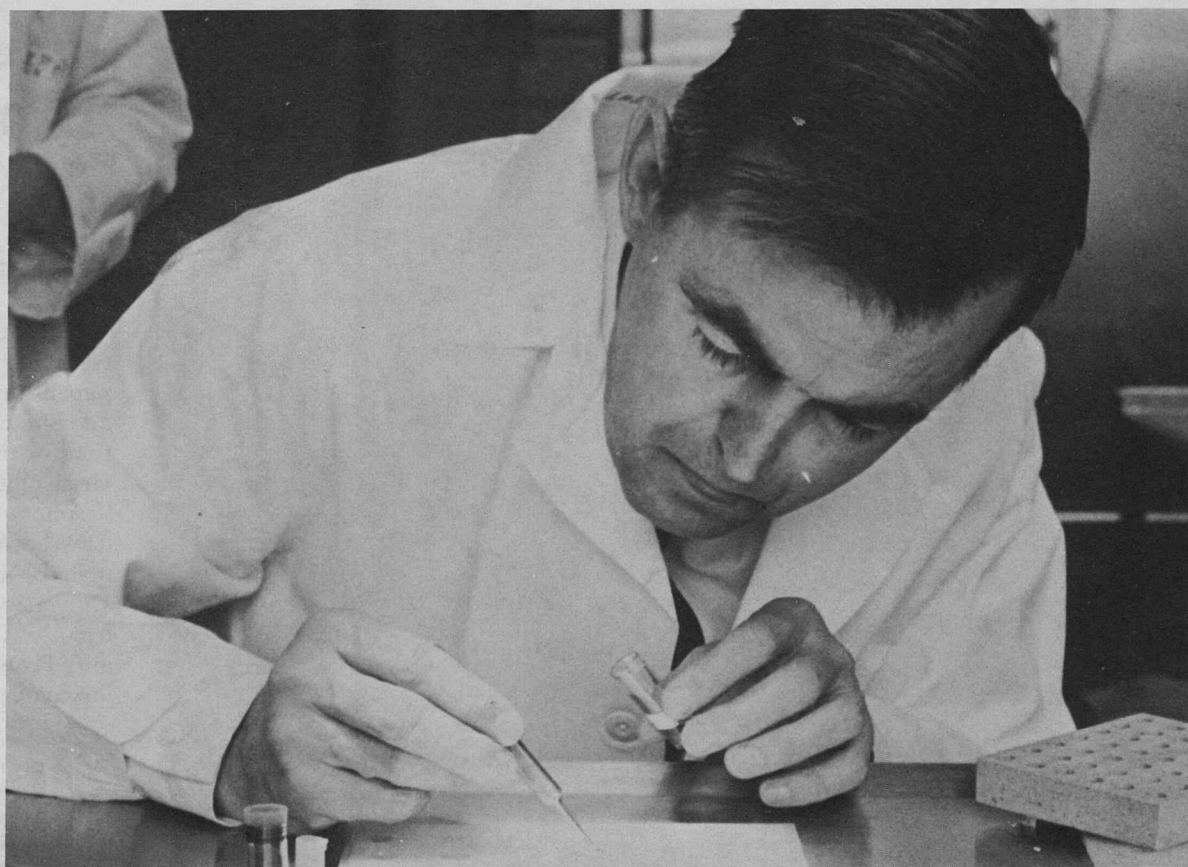
Microscopic thickenings of the inner lining occur at arterial forks and this phenomenon is in evidence even in the young. As a person gets older, the thickenings increase in size and coalesce, eventually progressing to atherosclerosis of varying severity. Part of the disease is the gradual deposition of fat at the site of the arterial thickenings.

Dr. Stehbens has studied sections of arteries from fetuses and infants which died shortly after birth to determine the earliest stage of atherosclerosis. He has also studied arteries from sheep, steers, rabbits and other animals, and found that the thickenings of the linings of arteries are universal and associated with fat deposits.

Dr. Stehbens believes that these thickenings are the important precursors of atherosclerosis and represent a pre-lipid state (i.e., before fat is deposited) of the disease.

In his present research he is attempting to determine what is the precise cause of the thickenings of the arterial wall.

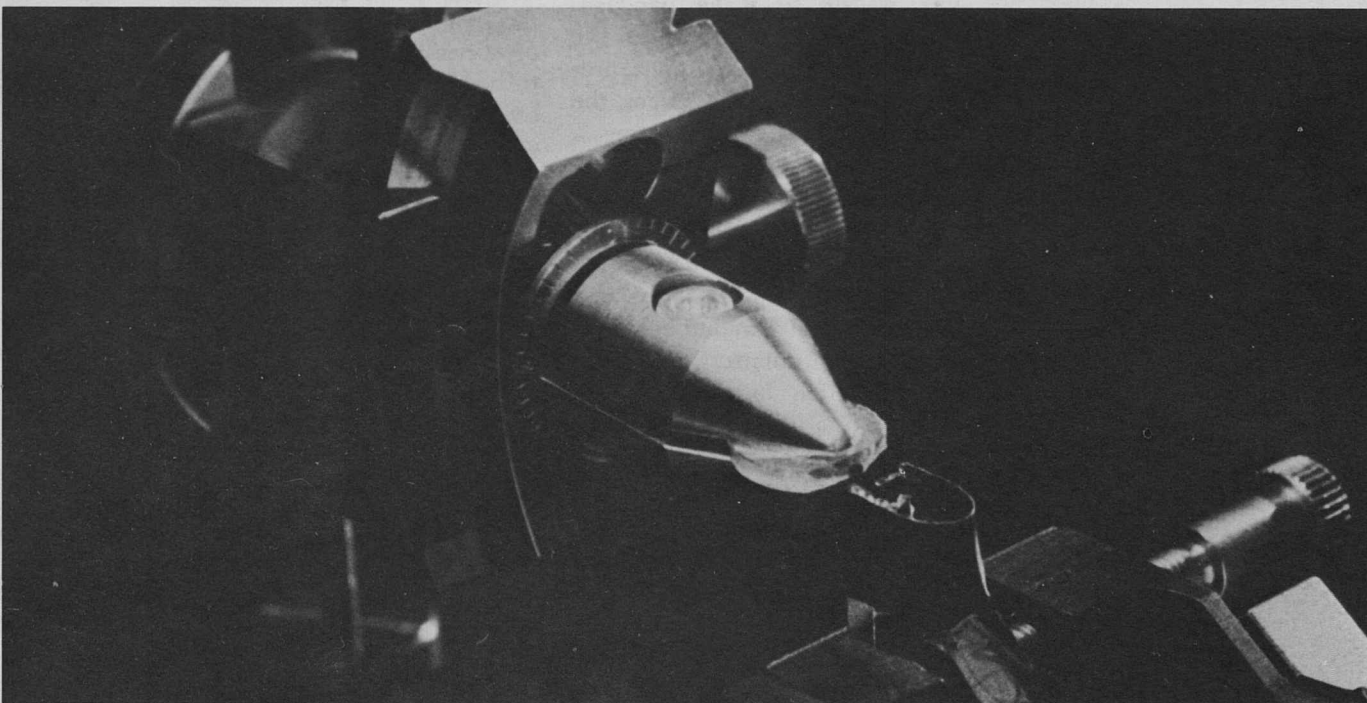
## How a Sample Is Prepared For The Electron Microscope



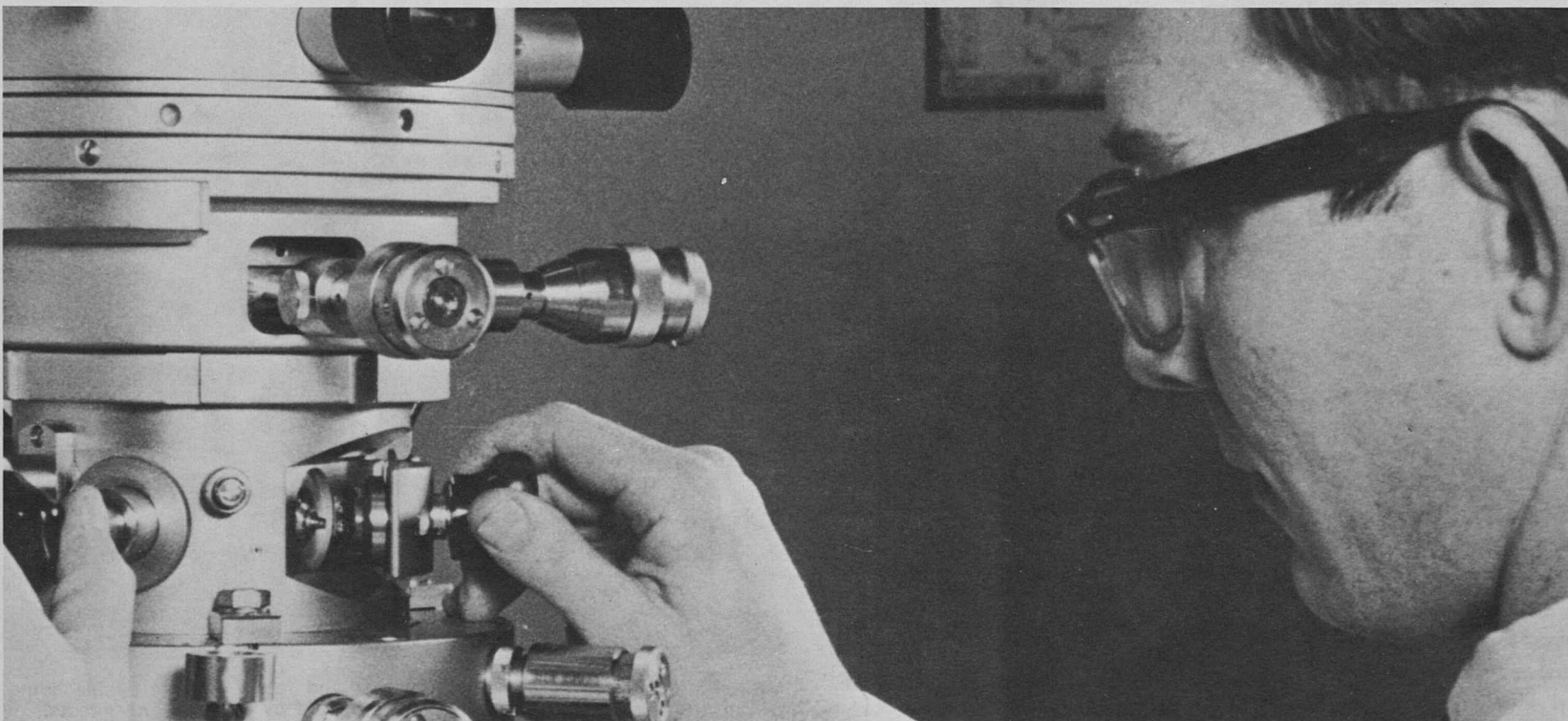
**THE PREPARATION** of a specimen for viewing in the electron microscope is intricate work. Dr. William E. Stehbens places a tiny piece of tissue, known as a specimen, into a mold of unhardened epoxy resin.



**THE EPOXY RESIN** is poured into dozens of dime-sized holes in a polyethylene sheet. After the specimen with an identifying label is inserted in the epoxy resin, the entire sheet is placed in an oven and the epoxy resin is hardened to a solid.



(center left) **THE SOLIDIFIED** block of epoxy resin is first trimmed by hand until the specimen is ready for the final precision cutting.



(above) **THE FINAL** precision trimming is accomplished by an accurate machine, an LKB Microtome.

(left) **WILLIAM GRILL**, electron microscope technician, places the completed sample into the specimen chamber of the electron microscope.



AN ELECTRIC BED was donated to the Home Care Program at Jewish Hospital by the Soroptimist Club of St. Louis. Mrs. F. William Foelsch (right), service objective chairman, and Mrs. Alfred D. Steinman, president, represent the Soroptimists. Dr. Aaron Birenbaum, director of the Division accepted the gift for the Hospital.

## Soroptimists Donate Electric Bed To Hospital Home Care Division

Funds for the purchase of an electrically operated bed for use in the Home Care Division at Jewish Hospital have been donated by the Soroptimist Club of St. Louis, a classified service club for professional and executive business women. This is another link in the continuing chain which has existed between Soroptimists and Jewish Hospital for almost three decades.

The first of the Soroptimist gifts came in 1941 when Miss Florence E. King, former administrator of Jewish Hospital, was a member of the group. Soroptimists gave \$1,000 to endow a bed in the children's division. In three consecutive years in the 1950's (1955, 1956 and 1957), Soroptimists provided a three-year scholarship in the School of Nursing and expressed continuing interest in the Jewish Hospital School of Nursing through the contribution of book carts used in the nurses' library, and the provision of funds to ship discarded text books to the Republic of China.

But the relationship has been a two-way street, for during the war years, Jewish Hospital provided hospitality for the Soroptimists class in first-aid and for the contingent of Soroptimists who met weekly to make bandages used in the war effort. When the Soroptimists embarked on a program to serve Senior Citizens, the student nurses' choir became a traditional annual program. Each year a bus-load of choristers has come to the St. Louis Center for Senior Citizens, 5800 Arsenal Street, where for 13 years the Soroptimists have maintained programs of entertainment, recreation and education for oldsters who come twice a month from all over the Metropolitan St. Louis area. The appearance of the student nurses is a highspot in this project, for not only do the girls thrill the patrons with a superb choral concert, but they dance with the senior citizens, talk with them and listen to them.

This year, the gift of the electrical bed for the Home Care Program stems out of Soroptimist interest in the problems of the aged and aging, one of the many community concerns of the group. They have also expressed interest through monetary gifts and hours of service, for emotionally disturbed children and young adults, for the handicapped—blind, deaf, crippled and retarded; for recreation and the development of good citizens through gifts to settlement houses and camping services; for the care of young children in day nurseries.

*A photographic exhibit, "Many Faces of the Federation—The People it Serves", by free-lance photographer Dennis Silverstein, is on display during the month of April in the main lobby of the Wohl Building, 11001 Schuetz Road. Photographs of Jewish Hospital are included.*

## International Guests Visit Otolaryngology Department

Ben H. Senturia, M.D., Director of the Department of Otolaryngology of The Jewish Hospital of St. Louis, and Editor of the Annals of Otolaryngology, Rhinology and Laryngology, was visited by a number of distinguished members of the Editorial Board of the Annals on April 1 and 2.

The Annals is a scientific journal which publishes clinical and research papers dealing with diseases of the ear, nose and throat. The papers published in the Annals are submitted by investigators from all countries of the world, and the journal has an international reputation for printing significant articles related to the specialty of otorhinolaryngology.

Among those attending the meeting were: Sir Terence and Lady Cawthorne, London, England. Professor L. B. W. Jongkees, Chairman of the Department of Otolaryngology, Wilhelmina Gasthuis, University of Amsterdam, Holland; Docteur Michel Portmann, Professor of Otorhinolaryngology at the University of Bordeaux, France, and Professor Luzius Rüedi, Chariman of the Department of Otolaryngology, University of Zurich, Switzerland.

## Mrs. Greenfield Contributes To Special Stroke Research

Mrs. Milton Greenfield, a life member of the Jewish Hospital Board of Directors recently donated \$10,000 to the Department of Long Term Care for stroke research.

Dr. Franz U. Steinberg, director of the department, heads up the team of investigators who are in the process of evaluating patients admitted with a diagnosis of stroke. Approximately 15 stroke patients per month are admitted.

In addition to measuring the progress of each patient, the team makes a detailed muscle examination for paralysis, weakness and spasticity as well as a sensory examination. Speech is evaluated, eyesight and visual fields are checked, and selected psychological tests are given.

The study is expected to provide enough statistics in a years time to permit definite correlations between the original findings and the course of the disease. According to Dr. Steinberg, more than two million persons in the United States suffer from the serious after-effects of a stroke; four hundred thousand persons per year suffer a new stroke.

"We are deeply grateful to Mrs. Greenfield for making these funds available for this important project," Dr. Steinberg said.

Mrs. Greenfield has had a continuing interest in long term care and rehabilitation. For 15 years she was chairman of the Miriam Convalescent Home which was sponsored by the Miriam Lodge. In 1951, the Home was merged with Jewish Hospital to become a division of the Department of Long Term Care. She also served as a board member for the Jewish Social Service Bureau.

Mrs. Greenfield has been president of Miriam Lodge and the Pioneers, a literary group. She has served on the Hospital Board of Directors since 1951 and is a life member of the Jewish Hospital Auxiliary.

## Hospital Intern Matching Program

For the 1967-68 hospital year, Jewish Hospital obtained the 12 interns which were requested in straight medical internships; three out of six requested for straight surgical internships.

A straight internship is defined as one which provides supervised training on a single medical, surgical, pediatrics, obstetrics-gynecology, or pathology service in a hospital holding approval in that specialty by the Council on Medical Education and Hospitals of the American Medical Association. The interns will assume their duties on July 1.

## Hospital Lost and Found

### The Patient's Own Detective Agency

When 45 patients are discharged, approximately 45 patients are admitted. That's the average daily turnover rate at Jewish Hospital.

It is not uncommon for discharged patients to leave house-shoes under the bed, clothes in the closet, or items in a drawer. Any personal belongings left in the room are sent to the Lost and Found Department, which is under the auspices of Housekeeping. For the past year, Mrs. Peggy Dell has been the chief detective, trying to match forsaken articles with their owners.

When Housekeeping cleans up a room after a patient is discharged, a tag is attached to any

items found, giving the room number and date.

Mrs. Dell then obtains the name of the patient who occupied the room on that date. She makes every effort to contact the patient by telephone.

In the Lost and Found, all items are safely stored under lock and key. Valuable pieces of jewelry are stored in the cashier's office in the safe.

Mrs. Dell said that the most common item found is clothing—usually nightgowns and pajamas. Other frequently found items include: umbrellas, tooth brushes, books, electric razors, and hair rollers.

Some of the unusual items on Mrs. Dell's file include: a back scratcher, a three-foot stuffed animal, a lamp shade, a portable walker, a wheel chair, false teeth, a rosary, and holy water.

Often, things are left by patients in the lobby after they have checked out. Items left in this manner are very difficult to trace. Mrs. Dell has no room number to check, and rarely does a patient have his name on the item.

Actually, the number of lost and found items per month is small considering the 1,350 patient discharges. Mrs. Dell reports that she receives approximately 25 items per month.



MRS. PEGGY DELL, caretaker of the lost and found, stands beside some of the more common items left at the Hospital by patients and guests.

# 65th Anniversary at School of Nursing

This year marks the 65th anniversary of the Jewish Hospital School of Nursing. During its 65-year history, the School has graduated more than 2,000 registered nurses who have provided the hospital, the St. Louis Area, and many other communities with well-qualified registered nurses. This August, 50 graduates out of a total student body of 206, will receive diplomas and begin their careers as graduate nurses.

The Jewish Hospital School of Nursing was established in 1902 and is one of the oldest diploma schools of nursing in the State of Missouri. At the time it was established, it was accredited by the Missouri State Board of Nurse Examiners. In 1940 it was one of the first two schools of nursing in the State of Missouri to apply for and receive national accreditation. (The other school was Washington University School of Nursing).

During the first year of the operation of the school, a nurses residence was erected adjacent to the newly opened Jewish Hospital on Delmar Boulevard.

In 1926 when the Hospital moved from Delmar Boulevard to its present site on Kingshighway, a new modern nurses residence was constructed adjacent to the



1902 Nurse's uniform

Hospital at 306 S. Kingshighway. This building was made possible by a gift from Sydney Shoenberg, Sr., and his mother in memory of Moses Shoenberg.

In 1959 another generous gift from Sydney M. Shoenberg, Sr., was used to purchase the building at 4949 Forest Park for additional

residence facilities. The Jewish Hospital Auxiliary refurbished many of the sleeping areas and recreation rooms in the main residence and the 4949 Forest Park Residence. In 1966, additional construction on the main residence was completed, providing more classroom space and facilities to house 250 nursing students. The older part of the building was renovated and the entire structure was air conditioned.

During the early years of the school, the classes were small; there were seven graduates in the class of 1905, two in the class of 1906 and 5 in the class of 1907. Beginning students worked from seven in the morning until seven at night, and if they were lucky, one of the doctors was available to discuss some of the diseases with them from 8 to 10 in the evening. But, this was typical in nursing.

By 1920 the work week was down to 56 hours, and classes were extra. The school had one full-time instructor, and professors from St. Louis University were hired to teach some of the basic sciences. The doctors still carried a great deal of the teaching program. By this time 149 graduates had completed the course in nursing at the Jewish Hospital School of Nursing.

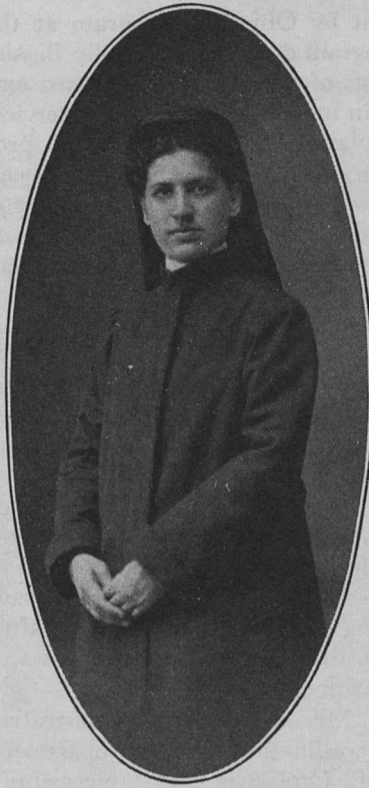
There were no fees or tuition listed in the 1920 bulletin but a statement there indicated that the five dollar monthly stipend would be increased to ten dollars in 1922. After 1922, it was no longer possible to enter the school without a high school diploma.

By the middle thirties, the traditional nursing curriculum had begun to emerge; 1200 hours of classroom instruction were offered in areas that are similar to those given today. There were at that time three instructors who (in addition to their teaching responsibilities) provided nursing service supervision as they were assigned. The work week had been reduced to fifty-two hours, in addition to classes. Costs to the student for the three year program were listed:

Registration fee	\$16.00
Student Activity fee	\$21.00
Textbooks	\$50.00
Preclinical uniforms	\$25.00

Stipends apparently were no longer in vogue. A constant effort was made to provide the best possible education for students in the school. The school was an educational unit of the hospital, the in-patient facilities and the out-patient department were available for clinical practices. Because the pediatric and psychiatric experiences available at Jewish Hospital were limited, affiliations at Children's Hospital and St. Louis State Hospital were arranged.

When the Forest Park Community College was established in 1962, the School of Nursing sought instruction for its students in anatomy and physiology, microbiology, chemistry, sociology and psychology. This arrangement provides for instructors teaching in their specialty areas and per-



Nurse's street uniform

mits nursing instructors to teach nursing.

The pattern of growth in the school is reflected in the following table. The average number of graduates per year was:

1905 — 1914	7.1 graduates
1915 — 1924	11.2 graduates
1925 — 1934	19. graduates
1935 — 1944	29.2 graduates
1945 — 1954	28.1 graduates
1955 — 1964	48.4 graduates

Another interesting trend has been scholarship aid available to students and graduates of the school.

In 1914, "through the efforts of the Jewish Hospital Training School Board, the Auxiliary Board and Alumnae of the Jewish Hospital Training School," a \$700 scholarship was awarded each year to the highest ranking senior for work in the Department of Nursing and Health, Teachers College, Columbia University. By 1918, a Goldman Scholarship for \$500 to the second ranking senior had been added. This was to enable the nurse to specialize in any branch of nursing in which she was particularly interested. The student ranking highest at the end of the first year was given

a cash prize of \$25.00 and the student ranking highest at the end of the second year was given a cash prize of \$50.00.

Also, there was a loan fund created for any student or graduate in need.

By 1936, the Women's Auxiliary had assumed the scholarship for the first ranking senior and the amount of the scholarship was then \$500. Today, the Auxiliary continues to give this scholarship but the value of it has been increased to \$1000. In 1926 the Hattie Waldheim Scholarship of \$500 replaced the Goldman Scholarship. This scholarship is still awarded annually to the second ranking senior.

In the thirties and forties a gold key was given to the student ranking first in the junior class and a silver key to the student ranking first in the senior class. These awards are still given, but a hundred dollar bond goes with each one, the Franc Honor Award to the freshman, and an award provided by Dr. J. G. Probststein to the junior.

In addition, many scholarships have been made available to Jewish Hospital graduate nurses so that they can continue their education.

In 1966 \$2350.00 in scholarships was awarded to those who showed ability and interest in furthering their education. These Scholarship Funds include:

- Leo C. Fuller Scholarship
- Lillie E. Green Scholarship
- Sam and Jeanette Koplars Scholarship
- Frieda H. Leonson Scholarship
- Elsie Probststein Scholarship
- Helen A. Salomon Scholarship

Two additional scholarships, the Barney Fisher Scholarship and the Edna Malen Scholarship will be available in 1967.

Scholarship and loan funds have been made available to nursing students who otherwise could not have attended the School of Nursing. These have been provided by individuals, by the Jewish Hospital Auxiliary, by the St. Louis Scholarship Foundation and the Medical Staff.

## Nursing Career Day 1967



**STUDENT NURSES** talk with Miss Alsandra Russell, a senior at Beaumont High School, during "Career Day" held at the School of Nursing. More than 200 persons attended the gathering sponsored by the Board of Directors Committee on Nursing. Mrs. Jack D. Goldman is chairman of recruitment. Those student nurses talking with Miss Russell are (from left to right), Miss Abigail Garlock, Mrs. Eleanor Harris and Miss Jeanette Crull.

## Dr. Lawrence K. Halpern Named to AAD Committee

Lawrence K. Halpern, M.D., director of the division of Dermatology, was recently reappointed to a one-year term as a member of the Nomenclature Committee of the American Academy of Dermatology by Roy L. Kile, M.D., president.

The Nomenclature Committee of the American Academy of Dermatology has representatives from throughout the United States, and meets biennially to set standards for proper terminology in the classification of diseases in that field.

Dr. Halpern, assistant clinical professor in Medicine (Dermatology) at Washington University as well as a member of the Jewish Hospital staff, has also submitted two chapters of a book to be published this year. *Dermatology*, edited by Demis, Crouse, Dobson and McGuire, will be released by the Hoeber Medical Division of Harper and Row, Publishers. Dr. Halpern's two chapters include: "Skin Disease in the Aged" and "Disease in Pregnancy".



**MISS MARGARET LOH, R.N.**, director of Nursing, presents a \$50.00 U.S. Savings Bond to Mrs. Judy Baker, R.N., for recruiting a full time registered nurse who has completed six months continuous service at the Hospital.

## Management By Objective Saves Hospital \$21,000

The first year of the Management by Objective Program at the Hospital has been summarized by program coordinator, Phillip Bassin.

He reported direct monetary savings of \$21,000 and increased employee efficiency which was reflected in more thorough patient service.

Mr. Bassin, assistant director, explained the concept of the program: "Each department head or supervisor has many good ideas for improving economy or performance. Too often, there are just too many good ideas for any one of them to get a fair trial. The Management by Objective Program allowed the supervisor to pick two or three main objectives and concentrate on them for one year."

## Dental Assistant Grant for Hospital

Jewish Hospital has received a contract from the Department of Health, Education and Welfare, Public Health Service, for the development of a training program for dental assistants in operating room and dental techniques in a general hospital. The program will be under the supervision of Dr. Calvin H. Weiss, director of the Department of Dentistry at Jewish Hospital.

Under the contract, the scope of work consists of the development of a course outline which includes orientation to hospital procedures, nomenclature and the pre-operative and post-operative care of the dental patient.

The program will provide supervised clinical experience in the operating room for the students. Only those students whose applications indicate prior dental chairside assisting experience will be considered for the program.

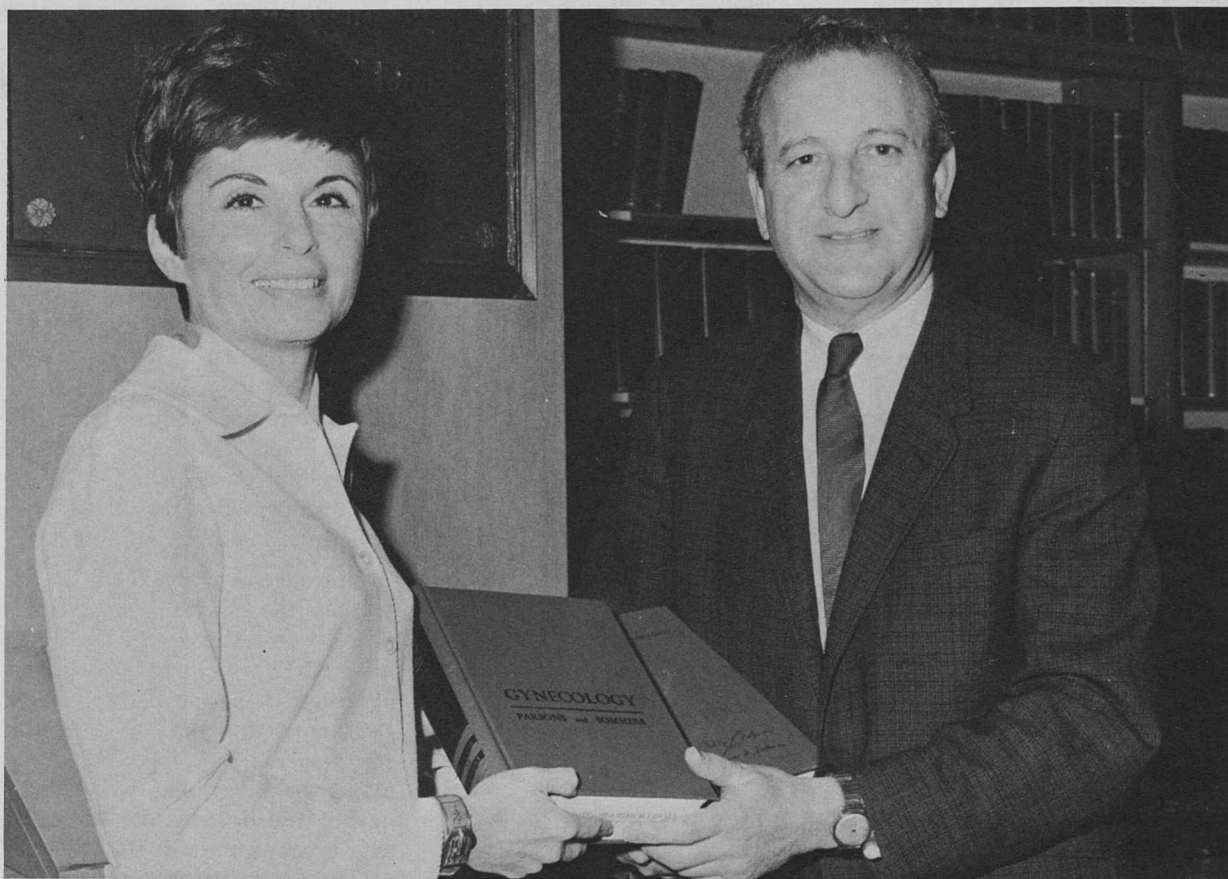
The contract provides for cost-reimbursement for instructional, technical and other services rendered for the program by the Jewish Hospital of St. Louis.

Some outstanding examples of Management by Objective were: Boris Axelrod, director of Food Services, was responsible for saving the Hospital \$8,000 after instituting improved controls and work standards.

Mrs. Bess Arick, administrative coordinator for the Department of Otolaryngology, successfully met her objective of decreasing patient costs in the division of audiology and speech pathology, a reduction of 13.7 per cent.

Freeman Burrow, laundry manager, accomplished his objective of reducing supply expense in the laundry. In ten months, more than \$3000 was saved.

According to Mr. Bassin, the success of the program last year is indicative of the desire of department heads to constantly evaluate and upgrade performance in their areas.



IN HONOR OF Doctors' Day, March 30, the Jewish Hospital Auxiliary presented a \$50 check for the purchase of books in the Medical Library. Mrs. Stanley M. Cohen, Community Relations Representative, made the presentation to Dr. Morris Abrams, president of the Medical Staff Association in the Sidney I. Rothschild Medical Library.

## Auxiliary Observes Doctors' Day; Spring Meeting to Feature Maurine Neuberger

Mrs. Maurine Neuberger, former United States Senator (Democrat) from Oregon, will be the featured speaker at the Auxiliary Annual Spring Meeting to be held April 19, at Temple Israel.

"The program will begin at 12 noon in the auditorium with a sit-down catered luncheon," Mrs. Quicksilver, program chairman, said. Again, this year, the income raised by the auxiliary for the Hospital will be presented to the group. Mrs. Edwin G. Shifrin, president, will preside.

Mrs. Neuberger was the third woman ever to serve in the United States Senate. She and Mrs. Margaret Chase Smith (Republican-Maine) were the only women senators in the 88th Congress. Mrs. Neuberger was elected in 1960 to fill the seat of her husband, Richard L. Neuberger, who died in office. Though advice from people from every walk of life, Mrs. Neuberger put aside her grief and was requested to make the decision of running for office.

Mrs. Neuberger was born in Cloverdale, Oregon, on January

9, 1907, and received a Bachelor of Arts degree from the University of Oregon (1929). After teaching in the Portland, Oregon, public schools from 1929-1945, Mrs. Neuberger became a freelance writer and photographer. In 1950, Mrs. Neuberger was elected a member of the Oregon Legislature. She served as Democratic Senator from Oregon from 1960-1966, and was appointed chairman of the Citizens' Advisory Council on the Status of Women by President Lyndon B. Johnson in January, 1967. Through this new position, Mrs. Neuberger plans to encourage women to participate actively in public affairs. She feels that because women are the majority sex in the United States today, they should have more responsibility in the politics of the country.

Mrs. Neuberger believes that even women with small children can be effective in government by belonging to study groups which discuss government, by working for good school boards and by writing letters to editors

of local newspapers in support in political positions.

Mrs. Earl Susman, chairman of the nominating committee, and installing officer, will present the following slate of officers and directors for the approval of the membership:

Term of Office — May, 1967 — May, 1969: Mrs. Stanley M. Cohen, president; Mrs. David S. Sher, vice-president, fund raising services; Mrs. Harris J. Frank, financial secretary; Mrs. Charles J. Steiner, assistant financial secretary; Mrs. Kenneth Marshall, corresponding secretary; Mrs. Carl Lyss, assistant corresponding secretary.

Directors to serve for three years:

Term of Office — May, 1967 — May, 1970: Mrs. Reuben Cohn, Mrs. Bram Lewin, Mrs. R. R. Zimmerman.

To fill the unexpired term of Mrs. Stanley M. Cohen:

May, 1967 — 1968: Mrs. Hubert Moog.

After the slate is elected, Mrs. Susman will install the new officers and directors.

## Pathology Department Holds Informal Scientific Sessions

The Department of Pathology and Laboratory Medicine recently held a scientific session in the Moses Shoenberg Memorial School of Nursing Auditorium.

A. C. Sonnenwirth, Ph.D., director, division of microbiology, presented a lecture "Syphilis and Laboratory Procedures, 1967."

W. Daughaday, M.D., presented a discussion "Clinical Chemical Screening Procedures (Sequential Multiple Analysis)."

After the lectures, the audience (students, laboratory technicians and doctors from the St. Louis area) had the opportunity to question the speakers.

William E. Stehbins, director of the Jewish Hospital Department of Pathology and Laboratory Medicine, said "This is the first of an entire series of lectures which will help busy clinicians keep abreast of the many scientific advances in this field. The growth of both scientific knowledge and laboratory procedures is so explosive, that everyone has difficulty keeping up. We hope that these scientific sessions will be of considerable assistance to the practicing clinicians at Jewish Hospital, and to the visitors from other hospitals."

The next scientific session is scheduled for May 9th. Speakers will be Dr. Thomas Cate and Dr. Stanley Reitman. The session will begin at 5:30 p.m. with hors d'oeuvre in the Nurses Residence. Dr. Cate will speak on "Mycoplasma Pneumoniae-Clinical and Laboratory Aspects of Infection." Dr. Reitman will speak on "Correlation of Enzyme Tests with the Clinical Diagnosis of Myocardial Infarction."

## \$250,000 Grant To Renal Research

Louis V. Avioli, M.D., Chief of the Division of Metabolism at the Jewish Hospital of St. Louis and Assistant Professor of Medicine at Washington University, has received notice of a five-year \$250,000 grant from the United States Public Health Service in support of his studies relating to calcium and bone metabolism. Appropriations from the first year of the five-year grant amount to \$47,238.

Dr. Avioli is presently engaged in studies relating to the metabolism of vitamin D and bone collagen in patients with chronic renal disease and children with idiopathic hypercalcemia and vitamin D-resistant rickets. The anticipated award will expand the research to include studies in animals and in subjects with postmenopausal osteoporosis and post-gastrectomy osteomalacia.

From 1959 to 1961, Dr. Avioli was a clinical research associate in the National Cancer Institute. He was affiliated with the New Jersey College of Medicine as Associate Professor of Medicine before joining the staff of Jewish Hospital in September, 1966.

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THE JEWISH HOSPITAL OF ST. LOUIS  
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