

Barnes Bulletin

SHIPPED IN ARCHIVES

Barnes Hospital, St. Louis, Missouri, September 1975, Vol. XXIX, No. 9

Barnes history is subject of new hospital wall display

A history wall graphically telling "The Barnes Hospital Story" will be unveiled Wednesday afternoon, September 24, at 2:30. The permanent display will hang on the west side of the East Pavilion corridor connecting the old Barnes buildings with the East Pavilion.

The display will consist of two groups of large plasticized sepia-toned photos showing the growth of the hospital complex from the first load of sand in 1912 to completion of the East Pavilion in 1972. A portrait of the hospital's founder, Robert E. Barnes, will be centered between the two sections along with a block of type explaining why Mr. Barnes chose to leave his fortune to found the hospital.

The idea for the wall was conceived by Dr. John Hobbs, a long-time member of the obstetrical-gynecological department at Barnes. Dr. Hobbs will give a short talk recalling the progress he has seen during his association with Barnes Hospital and why he felt a display to honor its founder was long overdue.

Members of Barnes board of directors, the Barnes Hospital Society, attending staff, house staff and hospital employees are among those who are being invited to the unveiling ceremony. The Barnes Hospital Society contributed money for the construction of the wall.

United Way campaign set to begin Sept. 29

Pledge cards will soon be distributed as Barnes Hospital prepares for the United Way campaign which will begin Sept. 29. Rich Grisham, an associate director for professional services, is coordinating this year's campaign.

Mr. Grisham said that this year's goal is \$52,000, only slightly more than what employees contributed to the campaign during each of the past two years at Barnes. Employees will be contacted through administrators, department heads and supervisors and will be asked to contribute to United Way which is the only charitable solicitation permitted in the hospital.

"We want to encourage the payroll deduction method of contributing," Mr. Grisham said. "In this way, an equal amount is withheld from an employee's check each payday, allowing the employee to spread their contribution over a year's time. Of course, if an employee wishes to make a one-time contribution, this is certainly acceptable."

The drive at Barnes is part of the 1975 fund raising drive in the metropolitan area for United Way, which previously has been known as United Fund. The goal for 1975 is \$15,250,000, approximately \$500,000 more than the 1974 goal.

Front Cover: School of Nursing students Mary Murphy, left, of St. Louis, and Mary Hasenstab, Belleville, congratulate each other following graduation ceremonies Aug. 2 at the St. Louis Cathedral. (See story on page 3)

which was exceeded. The area wide drive officially begins September 12 and ends Oct. 31. October is United Way month.

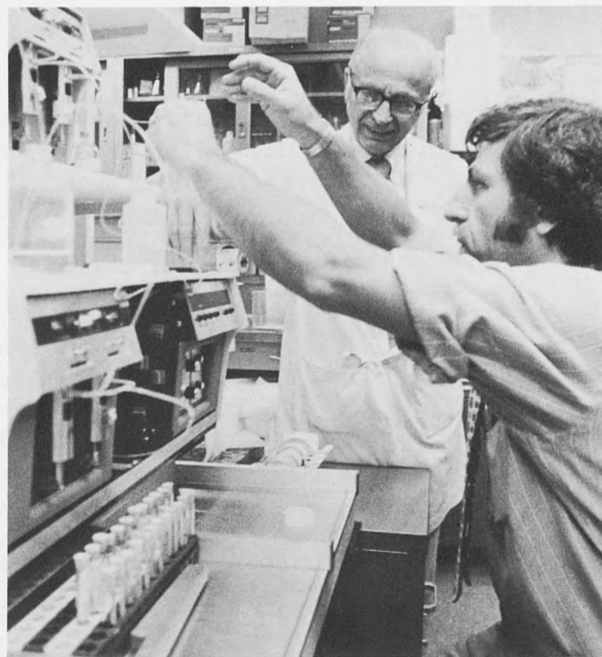
During the past year the United Way has expanded its contributions to the social, civic and health agencies which it supports. Broadened services also have resulted from the consolidation of the Health and Welfare Council and United Way.

"We realize that current economic conditions in the country have increased the cost of living. It should be pointed out that the United Way agencies are also faced with rising expenses as they provide the important services to the people of the St. Louis area," said Mr. Grisham.

"Our goal is less than \$1,000 more than our contributions in the past two years and I believe is a reasonable one. All the employees have to do is slightly increase their past level of contribution and we will meet or exceed our goal at Barnes."

Diabetes center to be dedicated in Sept. 12 activities

Dr. George Cahill, president of the American Diabetes Association, will be the featured speaker at the formal opening of the new Washington University Medical Center Diabetes and Endocrinology Center, on Sept. 12. He will speak on "The Future of Diabetic Research" at dedication ceremonies at 3 p.m. in the Carl Moore Auditorium.



Dr. William Daughaday, standing, works with Dr. Laurence Jacobs in the radioassay laboratory, part of the diabetes center to be dedicated Sept. 12.

Dr. William H. Daughaday, Barnes physician and director of the Diabetes Center, and Missouri Congressman James Symington will also be on the program. An open house will be held from 1 to 2:45 p.m. with tours of various laboratories where research is being carried on.

The Diabetes Center includes five research facilities available to investigators of diabetes-related topics, and will provide capabilities to analyze data from current patients. It was made possible by a five-year grant of more than \$2.5 million

from the National Institute of Arthritis, Metabolism and Digestive diseases.

The Mass Spectrometry Facility, headed by Dr. William Sherman, will be used to study metabolic processes using non-radioactive isotopes, a method virtually mandatory in children, where exposure to radiation is particularly dangerous.

The Morphology Facility, directed by Dr. Joseph Williamson, will provide special histologic and ultrastructural techniques for studying tissues of interest in diabetes research such as pancreatic cells and changes in blood vessels caused by diabetes.

The Radioimmunoassay Facility, directed by Dr. Laurence Jacobs and Dr. Morey Haymond, will be used to measure approximately 20,000 insulin, glucagon, growth and other metabolic hormones each year.

The Clinical Research and Education Facility, directed by Dr. Philip Cryer and Dr. Virginia Weldon, will establish a registry of diabetic patients in the medical center. Statistics about the type of diabetes, treatment and complications will be stored, and different techniques in diabetic education will be evaluated.

The Tissue Isolation and Culture Facility, with Dr. Richard Ostlund as director, will assist investigators in the isolation and culture of human cells. This facility will be coordinated with the new Clinical Unit for the Recently Expired (CURE) which will provide the opportunity for obtaining human tissue under sterile conditions.

Governor Bond presents Scott Memorial Lecture

The Honorable Christopher S. Bond, governor of Missouri, will present the fourth annual Wendell G. Scott Memorial Lecture on Monday, September 8, at 11 a.m. in Scarpellino Auditorium at Mallinckrodt Institute of Radiology. Governor Bond's subject will be "A New Era for Health in Missouri."

Dr. Ronald G. Evens, radiologist-in-chief and director of Mallinckrodt Institute of Radiology, will introduce the governor.

The annual lecture was established in 1972 by friends and colleagues of Dr. Wendell G. Scott as a living memorial to his loyalty and excellence. Dr. Scott, who died in 1972, graduated from Washington University School of Medicine in 1928 and served his internship at Barnes and his residency at Mallinckrodt.

Among the honors he received was the Gold Medal of the St. Louis Medical Society and the American College of Radiology, the President's Medal of the American Roentgen Ray Society, and the National Award of the American Cancer Society.

Previous lecturers include Dr. Michel M. Ter-Pergossian, in 1972; Harvey Picker, in 1973; and Dr. John M. Dennis, in 1974.

A news conference in Dr. Evens' offices and a luncheon in Queeny Tower for Governor Bond and his special guests will follow the lecture.

Number Four Building demolition is complete

Workmen have completed the demolition of the former number four building, one of the original buildings of Barnes Hospital.

Work on razing the three-story building was finished in early August and many piers for the foundation of the new service building have been poured. Construction on the new building will begin later this year and completion is expected in 1977.

Mack Evans, assistant chief engineer of Barnes, said that much work was done with jackhammers, the "headache" ball and other noisy equipment during the three months of demolition. "We want to thank everyone who had to work near the demolition. They had to put up with noise and interrupted services in some cases," Mr. Evans said.



An empty space remains where the number four building in the hospital was previously located. A new service building will be built on the site.

The building was originally known as the medical wing of the Barnes Hospital which was constructed in 1914. All of the building was razed with the exception of the corridor which serves as the main east-west passage in the hospital, and a small portion of the building on the north side of the corridor which will be extensively renovated. An elevator located north of the corridor has been removed and two elevators will be in service in the same area when construction and renovation is complete.

Gone too, with the number four building, are the former 1418 and 2418 wards which were located on the south side of the corridor. The wards had not been in use for more than a year when patients were moved to renovated floors in Wohl Hospital.

Early last year all remaining wards at Barnes were closed. The wards were part of the original Barnes Hospital and had served thousands of patients.

0400 ward was located on the ground level of the building and 1418 and 2418 were the major medical wards. 3400 ward originally was the maternity ward prior to the opening of the former St. Louis Maternity Hospital.

After Maternity Hospital was opened in 1927, private patients were housed on 3400 and the "rooms" were actually wards with curtains between beds. Few bathroom facilities were available and during summer months, heat was a problem. Early research in diabetes was conducted in a metabolism ward which was located on 2300.

Many physicians who have studied at Washington University School of Medicine and who have been interns, residents and members of the staff at Barnes Hospital worked in the ward and, as one Barnes physician said, "Many venerable and excellent physicians gained a wealth of knowledge and helped heal thousands of patients in that building."

The new building will be named for the late Mr. and Mrs. Henry W. Peters, Barnes benefactors and will provide new and expanded facilities for the Barnes diagnostic laboratories, data processing, social work, dietetic nursing, doctors and administrative offices.

Nurse interns complete ten-week program

Thirteen of 16 nurses recently completing the nurse intern program at Barnes Hospital have decided to join the hospital's nursing service and have been assigned duties on various nursing divisions.

Hospital President Robert E. Frank and Susan Fein, instructor in the education division of the nursing service, presented certificates to the interns Aug. 9 during an informal reception in Queeny Tower. Mr. Frank extended congratulations on behalf of the hospital.

During the ten weeks of the program, the interns were given orientation to Barnes and also were given additional training in patient bedside care procedures, medications and team leading of nursing teams. All sixteen recently completed their work at a school of nursing and have taken state board examinations to become registered nurses.

As part of the continuing program, nurse interns rotate through all three nursing shifts and are also assigned some weekend duty. Approximately 75 per cent have remained at Barnes following the intern program.

Remaining with the hospital are Grace Patane, 6400; Angela McCall, premature nursery; Linda Carpenter, 12200; Clara Voss, three Wohl; Leslie Buron, operating room; Sally Richards, 4400; Sandra Bergeron, 8400; Ellen Dick, 11400; Janet Bishop, 7200; Gary Adkisson, 10100; Judie Bankston, 11400; Judith Eifert, 12200; and Paula Bucari, three Wohl.

Also completing the course were Jill Boxer, Susan Jaffe and Magdalen Talbott.

Staff changes

The President's Office reports the following physicians on staff: Dr. Robert Becker, assistant obstetrician-gynecologist; Dr. Julio Santiago, assistant physician; Dr. Geoffrey Herzig, assistant physician; Dr. Perry Schoenecker, assistant orthopedic surgeon; Dr. Edward Etheredge, assistant surgeon; Dr. Nicholas Segretario, assistant oral surgeon and Dr. W. Thomas Thack, Jr., associate neurologist; all effective July 1, 1975.

Dr. John McMahon and Dr. Robert Chesnow have been appointed voluntary assistants in neurology in the outpatient department.

Three accident victims fly by helicopter to Barnes for treatment

An Air Force ground safety technician from Virginia and his wife credit seat belts with saving their lives when the family was involved in a recent automobile accident. Three members of the family were flown by helicopter to Barnes.

Edward Carlson, his wife, Loretta, and a son, Dale, were brought to Barnes by Army helicopter following the accident near Lebanon, Mo., in late July. The Carlsons were patients on 9400 and Dale was a patient at Children's Hospital.

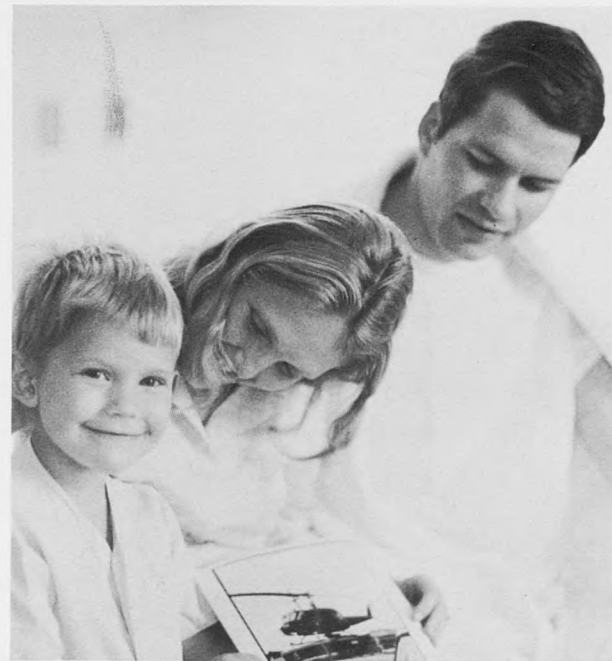
"We were very lucky," Mr. Carlson said. "Beth and I both feel that the fact that we were wearing our seat belts saved our lives." Mr. Carlson, a six-year Air Force veteran, had severe lacerations to his left arm and Mrs. Carlson suffered injuries to her right hand. Dale sustained a depressed fracture of the skull. Two other children escaped with minor scratches and bruises when their car and travel trailer was struck while sight-seeing near the Meramec Caverns.

Dale was believed to have suffered more serious injuries and the decision was made by the Army medical personnel to transport the Carlsons from the Sullivan, Mo., hospital to Barnes. The helicopter ride took approximately 30 minutes with the helicopter landing on the pad located on a hospital parking lot at Clayton and Newstead streets. Barnes is a regional trauma center, serving persons in southern Illinois and eastern Missouri.

"Ever since I have been in the Air Force I have wanted to ride a helicopter," Mr. Carlson said. "I didn't think it would happen in just this way." His job in the air force is to teach traffic safety and education and also instruct Air Force personnel in accident investigation and reporting.

Both Mr. and Mrs. Carlson underwent surgery for their injuries. Dale was reported to be a model patient at Children's where Mr. and Mrs. Carlson visited him often. "The people here at Barnes and at Children's have just been wonderful to us," Mrs. Carlson said. "They have made our stay a lot easier in this difficult time."

The Carlsons are Missouri natives and had visited relatives prior to their planned automobile trip back to Virginia. The trip back to Virginia was changed—the family is going to fly.



Dale Carlson, left, holds picture of the helicopter which brought Dale, and his parents, Loretta and Edward, to Barnes following an automobile accident near Sullivan, Mo.



Dr. Jon Cooksey, Barnes cardiologist, tries out the new four-lane track located in the new cardiac rehabilitation unit.

New track opened to aid heart victims

During the past 25 years, physicians have recommended increasing amounts of exercise for persons who have had heart attacks. A new cardiac rehabilitation unit in the medical center is designed to provide exercise in controlled conditions.

The new facility, complete with an indoor track and exercise areas, will open Sept. 2 according to its director Dr. Jon Cooksey, a Barnes cardiologist. The unit is located on the third and fourth floors of the Irene Walter Johnson Institute of Rehabilitation and many individuals have contributed funds for the construction of the new building.

"We have documented studies which show that persons who have suffered heart attacks or heart disease will be less prone to sudden death and will actually increase their work capacity, if they follow a regular course of exercise," Dr. Cooksey said. "Our goal will be to take these persons, let them follow an individual course of exercise in the unit, and to return them to a more normal life style as quickly as possible."

Dr. Cooksey said that many people who have heart attacks are afraid to do any strenuous exercise because they fear a recurrence of their heart problems. "Our patients here will be carefully monitored so that they will not overextend themselves." Persons participating in the jogging, cycling and calisthenics will be monitored for heart rate and electrocardiographic changes.

The oblong track is approximately 1/20th mile in length and is four lanes wide with banked curves on each end. Its four lanes and an exercise area in the middle are covered with a synthetic rubber surface. A physical education instructor and a physician will conduct the exercise sessions.

The unit also contains a treadmill and other equipment designed to measure the maximum work capacity of the heart during exercise and to determine what regular exercise contributes to stronger heart muscles. Normally, persons will exercise four days each week for approximately 50 minutes. "They need to work up a sweat," Dr. Cooksey said.

Persons interested in participating in the cardiac rehabilitation program will be referred to the unit by their physician and will be admitted only with physician approval. A brochure is being prepared to acquaint physicians with the rehabilitation unit. "We feel that our program is one of several overall factors which will decrease the risk of heart attack. We will, of course, be emphasizing other factors such as quitting smoking, eating a well-balanced diet and losing weight."

Several studies are currently in progress to determine the effects of exercise on healthy persons. These studies also will utilize the track, shifting from use of the track at Francis Field at Washington University. "These studies will look at oxygen consumption and echocardiograms will be used to determine the size of the heart and how well it contracts before and after exercise training."

Purvis elected member of health administrators

Jay Purvis, associate director of Barnes for professional services, has been elected to membership in the American College of Hospital Administrators. The advancement to membership status took place in mid-August during a meeting in Chicago.

The American College of Hospital Administrators (ACHA) is a Chicago-based professional society of more than 11,000 chief executive officers and administrators in hospitals and health service facilities in the United States and Canada.

Election to membership status is based on oral and written examinations required of each member.



Several Barnes students receive nurse awards

Several Barnes School of Nursing students received awards during the school's 19th commencement ceremonies which were held Aug. 2 in the St. Louis Cathedral.

Clara Tremayne, president of the Barnes Hospital Auxiliary, presented Auxiliary awards to Madonna Herron of Florissant, Mo., as the outstanding graduate in the area of clinical nursing performance and to Ann Donze of St. Louis as the outstanding graduate in the area of theoretical attainment.

The Copher Award was presented to Patricia Pitts of Ferguson. The award is presented annually to the senior student who has evidenced outstanding achievement in all areas, has made contributions to the student program and has promise of continuing professional development through further study in the nursing field. The award is made possible through a gift of the late Dr. Glover H. Copher, a well-known Barnes surgeon.

Five other students received Faculty Awards presented to students who have been judged by the faculty to be outstanding students. Receiving \$25 U.S. Savings Bonds were Victoria Skrobol, Beckmeyer, Ill., medical-surgical nursing level 1; Susan Ehlers, Chillicothe, Ill., medical-surgical nursing level 2; Irene Baker, St. Louis, maternity nursing; Faye Klein, St. Louis, psychiatric nursing; and Janine Bauman, St. Louis, pediatric nursing.

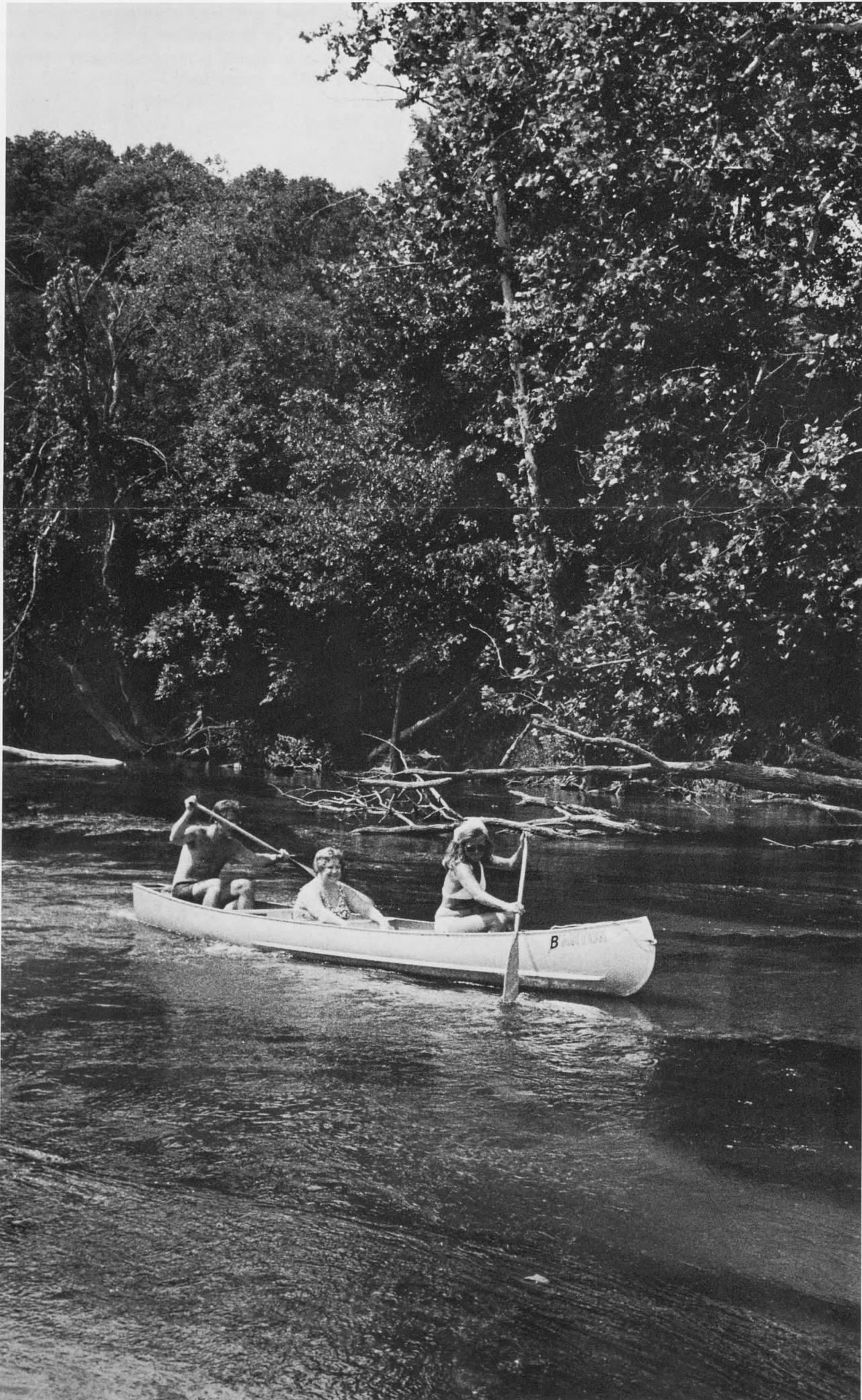


Ann Donze of St. Louis accepts Award from Barnes Hospital Auxiliary President Clara Tremayne during graduation ceremonies of the Barnes School of Nursing.

Eighty-two students received diplomas during School of Nursing ceremonies.



Target practice is another leisure time activity enjoyed by Gloria Metzger, an associate director in the nursing service.



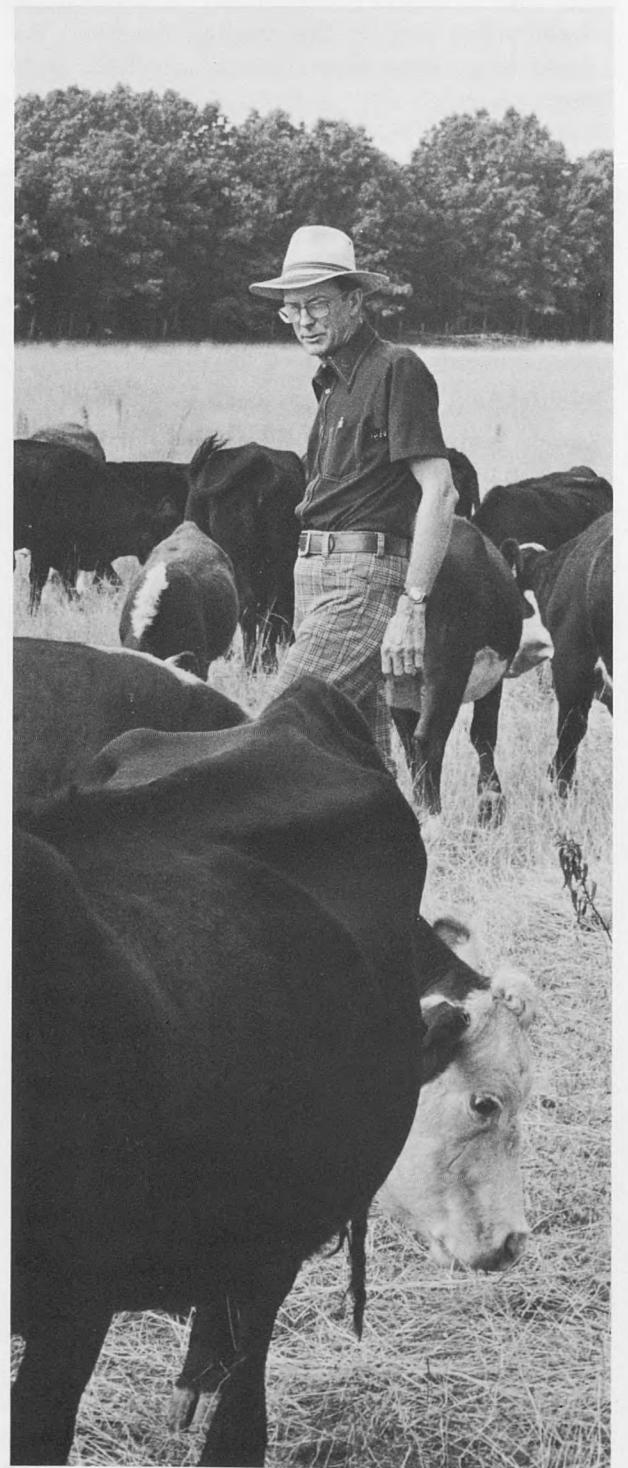
Picturesque settings are abundant along the more rapid upper portion of the Meramec River located near Steeleville, Mo.

Rolling Ozark hills, purple in shadow, twinkling in verdant green when sunlit, are special treasures to many Barnes people. So are rivers of the Missouri Ozarks, silver waterways slipping between moss-covered bluffs, along timeless corridors which looked much the same when the Osage Indians hunted rabbit and deer along the willow and sycamore lined banks.

The lure of "getting away from it all" is strong in many city dwellers. It seems to have bitten a great many Barnes Hospital employes as well. Many members of the staff have found vacation or farm property an especially rewarding way of relaxing away from work.

The La

"Over the Rainbow" is right here in Missouri for many Barnes employes



Mack Evans, assistant chief engineer at Barnes, inspects cattle on his farm near Cuba, Mo.

Some, of course, have places thousands of miles away, such as Rex Ward, training director, with his Arizona home or Joseph Greco, associate director, who owns land in the Caribbean. Several physicians have homes on the cool lakes of upper Michigan.

Others have their property closer to home. And one of the most appealing 'plus factors' of living in St. Louis is the proximity of the Ozarks with its unspoiled miles of hilly countryside and clear, unpolluted rivers, where it is possible to see the stones shining along the bottom when the green water is as deep as eight or ten feet.

Rosalie Wrinkel, activity therapy secretary, gets away to her house near Hillsboro as often as she can. John Warmbrodt, vice president, and his wife Katherine, like to camp in the attractive areas in Clark National Forest, where Sutton Bluff is one of their favorites.

Indian Hills Lake, near Cuba, is frequently visited by Robert McAuliffe, his wife Orlean, and their children. Mrs. McAuliffe's parents own a cottage on the lake there. Dillon Trulove, assistant director, also has purchased a lot on that lake and keeps his boat there. He plans to build in the future.

If it is built, that is. Opponents of the plan feel that the project will take the 52 most floatable miles of the upper Meramec. Onandonga cave, and countless other caves, home of the Indiana bat and other rare and endangered species of salamanders and bats, will be flooded. Groups such as the Sierra Club maintain that losing clear, free flowing Ozark waterways to provide economic opportunities for land developers, outboard motor dealers and water-ski salesmen is not wise.

However, the Corps of Engineers, known for its tolerance of long delays and patience with the tangled web of bureaucracy (its official motto: "Essayons—Let Us Try") has been considering control of the Meramec River since 1880. In the flood control act of 1938, Congress, the Corps was authorized to build a system of dams in the upper Mississippi basin including one 63 miles up the Meramec. In 1943, the Corps of Engineers modified the Meramec River dam by moving it upstream to Meramec Park and adding a dam on the Bourbeuse River at Union. In 1949 the Corps presented plans for dams on the Big, Bourbeuse and Meramec Rivers. There was opposition by public, federal and state agencies. Governor Forest Smith decided against the project.

In 1964, a group which favors the Meramec Park Lake project was formed, called the Meramec Basin Association. In 1968, the Corps of Engineers began acquiring project lands for the lake. Target date for the operation has been set in the early 1980's.

Proponents of the Meramec dam and lake system say that the work is necessary to prevent flooding, especially along the lower Meramec near metropolitan St. Louis. The Meramec Basin Association also says that there will still be approximately 150 miles of the Meramec available for floating and that of the 31 proposed dams, only five have been authorized.

According to the association, the project should be completed to aid water supply, especially to persons in Jefferson County; to provide a nearby recreation area for the 2.5 million metropolitan population; and to improve economic conditions. It is expected that a major construction effort would provide many new jobs for area residents.

Whether legislation initiated by the Sierra Club or basin property owners can halt the project or not is not yet known. Cost of the project is estimated at 73 million dollars.

Whatever the outcome, no one doubts that one of Missouri's greatest treasures is in the Ozark lands, which provide so much serenity and pleasure for Barnes employees.

"When I see those deep tunnels of green ahead of my canoe, feel the steady swish of the water beneath me, and see a big hawk wheeling overhead, I feel at peace with myself and everyone else," said one employe. "I can come back to the job refreshed, with a whole new outlook."

Land of Ozark

Farmhouses and get away places in rural areas of Missouri are not, comparatively, as expensive as coastline beach houses, or other vacation property.

Among the Barnes people who enjoy being weekend farmers are Mack Evans, assistant chief engineer, who has 50 acres in Crawford County near Cuba, Mo. Mr. Evans, in cooperation with Raymond and Carrie Weber, friends who farm full-time in that area, is breeding and feeding hereford and angus beef cattle. He's purchased a purebred Herford bull and owns about 16 head of cows which he uses for breeding purposes. Dr. A. N. Arneson, obstetrician-gynecologist, also owns a farm near Steeleville.

Gloria Metzger, associate director of nursing service, enjoys going to her house near Leasburg which she owns with her father. This summer, communications director George Voyles, his wife and four children are living there while they wait to move into a new home.

Not many miles up the road is the five room "get-away" cottage of Dorothy Proost of personnel health. Mrs. Proost has 350 acres as well, off Highway 8 near Steeleville and St. James. Last summer, employes in personnel were invited to the Proost place for a Saturday picnic.

Alice Marshall, executive secretary to Robert Frank, president, rents an old farmhouse in Franklin County. There is a fishing pond on her place and she likes to go out when auction sales are scheduled. "Even if you don't buy much, they're a lot of fun and the Ladies' Aid always serves home made pie," she said. This summer the blackberries were especially good and she got a lot of berries for pies.

Public relations director Constance Barton and her family have 18 acres on the Meramec River near Steeleville that they have named "Wild Turkey Bluff" because they see wild turkeys there frequently.

Floating in aluminium canoes has become a favorite way to spend a day or weekend. On any summer day, it's possible to load the kids, dog, lunch, cooler of soft drinks or beer and after one and a half hours on Interstate Highway 44 and another half hour or so on state and county roads, be afloat on smooth running green waters with the only sound an occasional bird or the plunk of a fish breaking the river's rippled surface.

The data processing department has for several years spent a weekend each summer floating on the Current River. Another inveterate floating enthusiast is Donna Potts of the Barnes beauty shop, who with her family often camps in the many state parks or national forest camping areas of Missouri. Recently she floated the Courtois (pronounced Cord-Away by Missourians) with a group from her church. Rich Grisham, associate director, and his wife Carla also enjoy floating and found the Courtois a lively river with lots of white water.

The Meramec, Bourbeuse, Big River and Huzzah all figure in plans by the U.S. Army Corps of Engineers to build 31 dams, 16 lakes, local protection levees and angler use sites. The first will create Meramec Park Lake, with a damsite two miles east of Sullivan (65 miles southwest of St. Louis). This lake will cover 12,600 acres at normal pool and 23,000 acres at flood pool. It will have a shoreline of 175 miles.



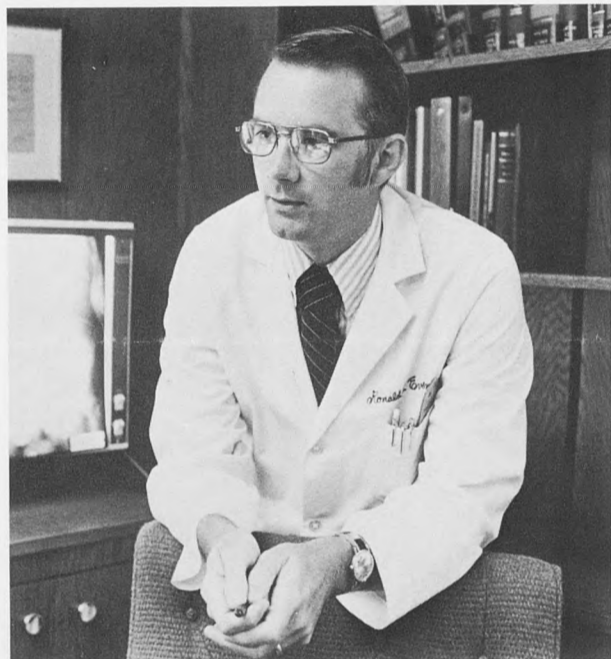
For many persons summer means vacations or weekend trips to "get away from it all." Many St. Louisans choose the Meramec River and Ozarks areas.

New EMI Scanner expected to change field of radiology

The medical center will soon become the home of one of three scanners which radiologists believe will cause extensive changes in the field of diagnosis by X-ray. An EMI whole-body scanner, manufactured in England, was scheduled to be delivered in late August and is expected to be in operation by the end of September.

Dr. Ronald Evens, director of Mallinckrodt Institute of Radiology and radiologist-in-chief at Barnes, said the scanner is on loan from EMI of England in order that the radiologists and physicists at the Institute can evaluate its clinical utility in a wide variety of diseases. If purchased, the equipment would cost \$500,000 and is identical to one in operation in England and to one which is scheduled to be installed shortly at Mayo Clinic in Rochester, Minn.

Dr. Evens said the scanner, utilizing computerized axial tomography, is expected to cut costs, reduce hospital stays and may eliminate the need for some exploratory surgery—while exposing the patient to no more radiation than conventional X-rays and causing virtually no discomfort to the patient.



Dr. Ronald G. Evens

Conventional X-rays provide only shadowy pictures of soft human tissues and may superimpose bones and organs on the X-ray film. The body scanner is capable of ten times more sensitivity to differences in densities, can discriminate between diseased and healthy tissue and can reveal tumors, abnormal cavities, enlarged organs and blood clots.

Perhaps more importantly, the scanner can capture a horizontal "slice" of the human body, giving the doctor a view he could only get by more complicated examinations or a surgical procedure. "It will give a more exact outline and demonstration of many organs and will allow us to detect, by X-ray, clotted blood and other abnormal tissues that we could not have detected to this point," Dr. Evens said.

The body scanner, developed by EMI, Ltd., is an outgrowth of the brain scanner developed three years ago to diagnose blood clots, strokes, brain tumors, cysts, and skull injuries within minutes. The brain scanning has been available at Barnes for approximately one and one-half years and two brain tomography units are now in operation.

Both brain and body scanners work on the basic principle of ordinary X-ray machines, but are far

more discriminating. The rotating body scanner utilizes a thin beam of X-rays and records thousands of differing absorption rates with a crystal detector. The data is fed into a computer that solves thousands of mathematical equations. The computer then constructs a picture of the organs and other patient tissue.

Many radiologists at Barnes will be working with the equipment and Drs. Jack Forrest, Stuart Sagel and Robert Stanley (associate radiologists) will coordinate the clinical studies with the whole-body scanner. The Mallinckrodt Institute has become internationally known for research in the field of computerized tomography and a series of scientific projects are planned by Drs. Michel Ter-Pogossian, Michael Phelps and Ed Hoffman.

Tribute Fund

The following is a list of honorees (names in **boldface**) and contributors to the Barnes Hospital Tribute Fund from July 22 to August 21, 1975.

IN MEMORY OF:

Mr. Jerome A. Combs
Mr. and Mrs. William A. Moser
Mr. and Mrs. Edward A. Garesche
Mrs. C. Harold Schreiber
Mrs. Gayle Harms
Beck & Corbitt Co.
Engel Industries, Inc.
Mr. and Mrs. Elmer Bowman
Mr. John H. Stroh
Mr. and Mrs. Charles H. Krause, Sr.
Mr. and Mrs. O. H. Wolters
Mr. and Mrs. Harry Wuertenbaecher
Mr. and Mrs. Frank J. Pollnow, Jr.
Mr. and Mrs. Richard S. Hawes
Mr. and Mrs. Chas. D. Long
Kenneth and Patricia Goessling
Mr. and Mrs. Frederick Hermann, Jr.
Ms. Pamela Willhite
Mr. and Mrs. Sanford D. Delong
Mr. Edgar F. Peters
Mr. and Mrs. Randolph Potter
Don Essen Chevrolet Co.
Cass Bank & Trust Co.
Dr. and Mrs. John B. Shapleigh
Mr. and Mrs. Clinton Lindburg
Dr. Thomas B. Ferguson
Mr. and Mrs. Richard J. Bender
Mr. and Mrs. Elzey Burkham
Mrs. Clara Hazel Vongontard Steinlage
Mr. and Mrs. Dan F. Christensen
Ms. Patricia Ann Reaves
Sandy and Bill Christophel
Mr. and Mrs. Herbert E. Bohren
Mr. Lyle Petit
Mr. Bernard F. Desloge
Mr. and Mrs. M. Moss Alexander, Jr.
Mr. and Mrs. Robert D. Mudd

Mr. Ray T. Dixon
Ms. Katie Beyer
Ms. Barbara Wedge

Mrs. Ruth Kornfeld
Mrs. S. Harwood

Miss Emma Math
Ms. Anne Tissi

Ms. Teri Lynn Burket
Mr. James M. Reidy
Mr. and Mrs. Burt Fetters
Mr. and Mrs. Floyd Konkle
Mr. and Mrs. Harvey Martin
Mr. and Mrs. Roger Skinner
Mr. and Mrs. Russell Hampton
Mrs. Bessie McMahon
Mrs. Hazel Butler
Mrs. Melvin Linn
Mr. and Mrs. Robert Miller

Mr. and Mrs. Dan Earl
Mrs. Helen Earl
Mr. and Mrs. Milton Carver
Mr. and Mrs. Fred Gillette
Mr. Fred Gillette, Jr.
Mr. and Mrs. John Olinyk
Mr. and Mrs. Vernon McKim
Mr. and Mrs. Don McKim
Mr. and Mrs. Kenneth Butler
Mr. and Mrs. Fred Zick
Mr. and Mrs. Walter Conrad
Mr. and Mrs. George Mesler
Mr. and Mrs. Henry Hobus
Mr. and Mrs. David Magnotta
Mr. and Mrs. Rollo Hastings
Mr. and Mrs. Clarence Torrey
Mr. and Mrs. Donald Radee
Mr. and Mrs. Minard Farley
Mr. and Mrs. Robert Farley
Mr. and Mrs. Alex Kolodica
Mr. and Mrs. Don Tracy
Miss Buttons Reidy

Mr. William Lundak
Mr. and Mrs. William Gruetzemacher

Mr. W. E. McNeeley
Kellund Co., M.I.S. Employees

Mrs. Maggie Briner
Mr. George Voyles

Mr. R. H. Cummings
Mrs. Maurice Lynch

Mr. Jacob Daniel
Nursing Administration
Barnes Hospital Nursing Office
Service Managers

Ms. Constance Crossen
Dr. Thomas B. Ferguson

Mr. Ethan A. H. Shepley
Mr. and Mrs. William T. Thomas

Marilyn Dooling
Mr. and Mrs. John C. Robinson, Jr.

Ms. Dorothy B. Upchurch
Ms. Marguerite Boekenkoeiger
Ms. Magnolia Washington
Ms. Arizona Dickens
Ms. Hattie M. Dixon
Mrs. Mammie Guchon
A. M. Jackson School Fund
Ms. Bestenia Campbell

Ms. Eileen Aronson
Dr. and Mrs. Leonard Berg

Mr. Maurice Lynch
Mr. and Mrs. Frank E. Walker

Ms. Wilma Lowry
Thomas F. Shields, D.D.S. and Family

Mrs. Eleanor Key
Dr. and Mrs. Joseph C. Edwards

Mrs. Mildren R. Tarton
Ms. Kate K. Curtis

IN CONTINUING MEMORY OF:

Dr. Glover H. Copher
Mrs. William S. Bedal

IN HONOR OF:
Cancer Research
Ladies Auxiliary to V.F.W.

The Birthday of Mr. Philip Moss
Mr. and Mrs. Robert Englander
Mrs. Julius S. Gross

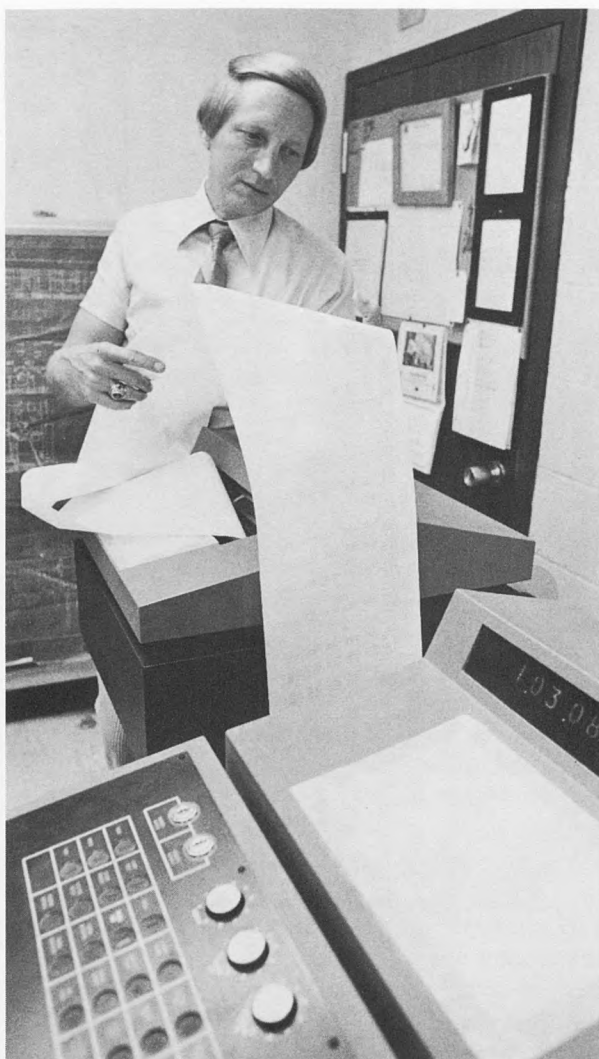
Patient Care Fund

The following is a list of recent contributors to the Barnes Hospital Patient Care Fund.

Mrs. Angela Carlin
Miss Charlotte Maria Verduin
Mr. and Mrs. Ora Worker
Mr. Robert E. Bullard
Ms. Lora D. Henry
Mr. Vernon J. Marr
Mr. Elmer A. Jones
Miss Marie L. Krag
Mr. Edward Bunting
Mr. Robert M. Horton, Jr.
Mr. Oliver K. Zepin
Ms. Helen Williams
Ms. Lucille Bradley
Mr. Michael E. Froster
Mr. Raymond E. Haley
Mr. and Mrs. Melvin A. Kruse
Mrs. Ida J. Sherriffs
Miss Dorothy Schnare
Ms. Bessie H. Perry
Mr. Leslie C. Meyer
Ms. Irene Schemkes
Mr. Clarence L. Schoenfeld
Mrs. Elizabeth Gross
Mr. William Greenstein
Mr. Irvin S. DeWoskin
Mr. and Mrs. Raymond F. Rippelmeyer
Mr. J. Bryan Gross
Mrs. Jeanette Marilyn Ramirez
Mr. Grant Hurford
Mrs. Kenzie Nozaki
Ms. Elizabeth LaGrone
Mrs. Hazel Esmon
Mr. Gordon M. Provan
Dr. Benjamin G. Blass
Sis. Marilyn Beres
Mr. Sidney J. Cohen
Mrs. Marilyn Cabo
Mrs. Walter J. Wills
Mrs. Margaret Jones
Mrs. Mary Gregson
Mr. Gerald K. Chilcott
Mrs. Darline Meyer
Mr. Ed Rosenthal
Miss Roxie Williams
Mr. and Mrs. Bill L. Norris
Mrs. Eugenia A. Jeter
Mr. Ronald E. Anderson
Ms. Mary L. Anderson
Mrs. Eleanor Harford
Mrs. Opal Glandt
Mr. and Mrs. Karl Herrick
Mr. Van Dyke Johnson
Mr. Sol Steinberg
Mrs. Cecelia Richter
Mr. Robert L. Siebert
Ms. Alene Sheppard
Mr. and Mrs. Leonard Hall
Ms. Emma E. Wilfey
Mrs. Agatha B. Duvall
Mr. and Mrs. Robert Crowley
Mr. Frank Ausec
Mr. and Mrs. Arthur Friedman
Mrs. Oma J. Cooper
Mr. Lawrence W. Nagel
Mrs. Wm. (Inez) Steele
Mrs. Eve Richter
Mrs. Emily B. Woods
Mrs. Aletha Fulford
Mr. Robert L. Jackson

Doctors' notes

Dr. John W. Olney, Barnes psychiatrist, will present a paper, "Brain Damage From Oral Intake of Certain Amino Acids," at a meeting of the International Society of Neurochemistry in Barcelona, Spain, in September. He will also address a September meeting of the same organization in Padua, Italy. There his paper will be on "Transport Phenomena in the Neural System."



Don Braeutigam, chief plant engineer, inspects a printout from computerized control monitors in the East Pavilion. The equipment monitors mechanical function and helps in the conservation of energy in the building.

Energy film shown to Barnes personnel

Federal energy conservation officials and members of a local energy conservation consulting firm called for Barnes Hospital to make an even more extensive commitment to conserving fuel. The experts spoke during a meeting at the hospital in early August.

Ed Dobbins of the Missouri, Iowa, Kansas and Nebraska district of the Federal Energy Administration (FEA) presented a film detailing the energy consumption rate in the United States since 1940 and projecting estimated consumption by the year 2000.

The film, prepared by the Department of Commerce for the FEA, said that U.S. energy needs may increase almost 300 per cent by the year 2000 and that although production is expected to increase, ways are needed to reduce consumption.

The Barnes meeting was called by Don Braeutigam, chief plant engineer, who said that Barnes has an active program of conserving energy but that efforts to find additional ways are in progress and that increased emphasis is being placed on decreased consumption.

The FEA has warned that ten states, including Missouri, will face a serious natural gas shortage during the winter months. Locally, Laclede Gas Co. has said that it has an adequate supply both for residential and industrial customers.

Mr. Braeutigam said that some conservation measures can be introduced, such as delamping more working areas, which will not affect patient care. He said that not only will conservation help in the fight against an energy shortage, it will also mean additional savings to the hospital in the form of lower bills for energy. Currently the hospital is spending approximately \$100,000 each month for various forms of energy.

George Kearns and Don Ross of the local consulting firm of Ross and Baruzzini, Inc., said that the problem of energy shortages is not as serious here as it is on the coasts. The east coast, for example, depends more heavily on higher priced imported oil and utility users in New York City are paying approximately nine to ten cents per kilowatt hour for electricity. St. Louis area residents pay an average rate of about two to two and one-half cents per kilowatt hour.

"The problem is there," Mr. Dobbins said, "It won't go away and we just have to come to the realization that we are going to have to make some really crucial choices both in the way we live at home and at work. Barnes Hospital can be at the forefront of these decisions in the St. Louis area."

Barnes has had an active program of energy conservation since 1973, during the Arab oil embargo. The emphasis of the program has been on preventive maintenance, resealing windows and replacing lights with smaller wattage bulbs in appropriate areas.

Another facet of the program was the placing of a car pool board in the employee cafeteria. Those interested in joining car pools can contact other employees by filling out a card and placing it on the board.

VFW Auxiliary gift aimed at research

Officers of the Ladies Auxiliary, Veterans of Foreign Wars (VFW), Department of Missouri, recently presented a \$1,563 check to Barnes Hospital. The money is to be used for cancer research.

Audrey Creel of St. Louis, president of the state auxiliary, and other officers presented the check on behalf of approximately 15,000 VFW auxiliary members in Missouri. Each state works toward a national money goal and in Missouri, money in excess of the state goal is earmarked for medical research.

Barnes Hospital was chosen to receive the grant coming from last year's fund raising activities in the state. Last year's president, Glenita Vogelsang from Cape Girardeau, Mo., was responsible for choosing Barnes.

Hospital happenings

Everett Menendez, assistant director of Barnes and director of its computer facilities, is coordinating arrangements for a meeting of ECHO, an organization of persons interested in health-oriented electronic computing. Approximately 800 hospitals are members of the organization which will meet at Stouffer's Riverfront Inn Oct. 19-22. Personnel from Barnes will present a seminar on duplex computers during the meeting.

Barnes Bulletin

Published by the Public Relations Department of Barnes Hospital, Barnes Hospital Plaza, St. Louis, Missouri, 63110. (314) 454-3515

Constance C. Barton Director

Jim Hubbard Associate Editor

Daisy Kramer Associate Editor

Copyright 1975 by Barnes Hospital

Hospital happenings

Dr. J. Michael Ribaud, assistant surgeon and chief resident in plastic and reconstructive surgery, presented the program at the August Awareness Series sponsored by the education division of Barnes Hospital nursing service. He spoke on facelifts, mammary augmentation and reduction, and rhinoplasty.

Doctors' notes

Jack H. Ladenson, Ph.D., assistant director of the clinical chemistry laboratory, represented the National Committee for Clinical Laboratory Standards at an international symposium July 7-8 at the National Bureau of Standards. Dr. Ladenson also presented a paper on non-analytical sources of laboratory error in pH and blood gas analysis.

The Brown-Hazen Program of the Research Corporation of America has renewed a grant for postgraduate training and research in fungus disease. The study is being co-directed by Dr. Gerald Medoff, Barnes physician, and George Kobayashi, Ph.D., of the School of Medicine.

Dr. Virginia Weldon, Barnes pediatrician, has been named assistant to the vice chancellor for medical affairs for governmental relations at Washington University School of Medicine. Dr. Weldon will serve as a liaison between the medical center and various governmental agencies.

Dr. Jack Hartstein, Barnes ophthalmologist, recently spoke on the techniques and indications for the intraocular lens at a meeting at the University of Southern California at San Diego.

Blue Cross, Blue Shield rates are increased

Monthly premium rates for Blue Cross and Blue Shield coverage for Barnes employees increased Sept. 1 according to an announcement by Walter Hanses, assistant director of the hospital. The increase is based on use of benefits by employees during the last year.

Barnes Hospital pays one-half of Blue Cross premiums and Mr. Hanses, in a letter to employees, said, "While I wish it were possible to avoid any increase, I would point out that the savings in dues for Barnes employees makes membership in this Blue Cross-Blue Shield group a very valuable benefit."

Employee premiums for Blue Cross-Blue Shield have been increased from \$10.07 to \$11.86 per month for individual employees under age 65 and from \$25.91 to \$30.27 per month for employees and their dependents, all under age 65.

Mr. Hanses also said that enrollment in the Blue Cross-Blue Shield program is open without a waiting period during September for employees not now having membership and urged employees to consider the advantages of participation.

Barnes Bulletin

SHELVED IN ARCHIVES

September, 1975
Barnes Hospital, St. Louis, Mo.



Barnes Bulletin

Barnes Hospital
Barnes Hospital Plaza
St. Louis, Mo. 63110

Non Profit Org.
U. S. Postage
PAID
St. Louis, Mo.
Permit No. 935

WASH U SCH MED LIBRARY
4580 SCOTT AVE
ST LOUIS MO 63110

Indexed