Gov. Bond and Walker To Attend Ceremonies

Governor Christopher Bond of Missouri and Governor Daniel Walker of Illinois will participate in special ceremonies here at 10 a.m., Thursday, October 11, officially designating Barnes a Regional Trauma Center under the program of the division of emergency medical services of the Illinois department of public health.

Barnes is the first hospital outside Illinois to be named a trauma center under the program. To mark this milestone, the governors will present a plaque to the hospital emblazoned with the seals of both states.

"This is an extremely significant action," says Dr. Allen Klippel, a Barnes surgeon who is also director of emergency medical services for the City of St. Louis. "It indicates that the people in charge of these emergency services recognize that care of the sick and injured knows no political boundaries."

As a regional trauma center Barnes will serve both southern Illinois and the eastern half of Missouri, with emphasis on those cases that require the facilities of a large medical center and the specific skills of a wide range of medical and surgical specialists.

A heliport serving Barnes and other members of the Washington University Medical Center was dedicated in June. It is expected to become an important adjunct of the regional trauma center.

Honored guests invited to attend the ceremony include Senators Stuart Symington and Thomas Eagleton of Missouri; Senators Charles Percy and Adlai Stevenson Jr. of Illinois; Representative Melvin Price of Illinois; Representatives William Clay, James Symington, Richard Ichord and Leonor Sullivan of Missouri; Mayor John Poelker of St. Louis; and Supervisor Lawrence Roos of St. Louis County, as well as representatives of the medical community in both Illinois and Missouri.

Representing Barnes Hospital will be Raymond E. Rowland, Chairman of the Board of Directors, and Robert E. Frank, President of Barnes Hospital.

The Illinois trauma program is now well into its second year of operation and has recently been expanded. The new plan includes the classifications of trauma, heart attacks, psychological care, poisoning, drug abuse, alcohol overdose and high risk infants.

The system is designed to provide care as soon as possible after an accident or medical emergency and then to deliver the patient to the hospital that can best meet his needs. The basis of the system is selective use of hospital emergency facilities.

"The critically injured patient is best served when the nearest emergency room is bypassed for an adequately staffed and equipped facility that is prepared to offer comprehensive treatment," according to Dr. David R. Boyd, coordinator of the system and chief of the emergency medical services division.

As an example of how the system works, police discovering the victim of an automobile accident can radio the on-duty physician at the nearest trauma center. Using a critical injury index, the police describe the patient's condition. The physician then dispatches a radio-equipped ambulance from the trauma center, staffed with an emergency medical technician who provides immediate care before and during transport of the patient to the proper facility.

In some cases, the victim will go first to a local trauma center for resuscitation and stabilization, then, perhaps by one of the helicopters that are part of the Illinois emergency vehicle fleet, to a regional trauma center such as Barnes.

October 1-13 Are United Fund Days

The first two weeks of October have been designated "United Fund days" at Barnes and a goal of $60,404 set for 1973-74. To acquaint Barnes employees with the work of United Fund agencies, a film illustrating their many roles in the community, "Until the 12th of Never," will be shown several times on October 1 and 2 in the East Pavilion auditorium. A United Fund representative will be on hand at each showing to answer questions about the drive and its purposes.

Barnes is in the proud position of having attained its Fair Share goal for the past six years, and Richard Grisham, assistant director and chapter chairman of this year's campaign, says he is confident that the generosity of Barnes employees will not falter this year.

"Most everyone is already familiar with the advantages of participating in the United Fund," Mr. Grisham added, "but perhaps it would be well to point some of them out at this time. This one fund drive eliminates the annoyance of multiple campaigns and provides a painless method of meeting our obligations to the community by having a small deduction made from our paychecks each month."

Giving the United Fund way, Mr. Grisham emphasized, is based on the unique "fair share" principle and is related directly to what each individual can afford to give. For most employees this amounts to one hour's pay per month.

United Fund contributions help support more than 100 health, welfare and child-serving agencies, covering many areas of need, such as disaster relief, health research, scouting, boys clubs, neighborhood houses, YWCA, YMCA.

(Continued on page 8)

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(Continued on page 8)
A new 35 million electron volt linear accelerator, one of the most advanced units available for clinical radiation treatment of cancer, was dedicated September 14 at the Mallinckrodt Institute of Radiology. The unit, which cost in excess of three-quarters of a million dollars, can treat up to 100 persons a day.

Dr. William E. Powers, Barnes associate radiologist and director of the division of radiation oncology, says the linear accelerator offers several advantages over other radiological treatment equipment.

First, a larger portion of the patient's body can be treated with a single exposure if necessary. And, a higher dose rate is possible than with cobalt or betatron radiation.

Second, the radiation produced by the accelerator is sharply defined, making treatment safer and more reliable. Required dosages can be delivered quickly, making treatment times shorter.

Third, the linear accelerator allows the generation of a greater depth of dosage with less exposure to superficial body structures.

Fourth, the patient can be treated without being moved, once positioned in the unit.

The linear accelerator produces electrons by electronic means, in contrast to a cobalt machine, which emits x-rays from a piece of radioactive cobalt. In the accelerator the x-rays are generated by a stream of electrons moving at very high speeds in a straight line.

In addition to generating both x-rays and electrons for treatment, the accelerator can produce short-lived radioactive isotopes for diagnosis and treatment of metabolic disorders and malignant diseases. A computer—designed and engineered by Washington University's Biomedical Computer Laboratory—is used to make the complex treatment calculations that are required.

The equipment, similar in appearance although somewhat larger than a cobalt machine, is housed behind four-foot thick shielding composed of steel, concrete and lead. This protection is far in excess of present safety requirements and therefore provides for future expansion capability.

The Fred Maytag Family Foundation gave the division of radiation therapy $758,000 for the purchase of the accelerator in 1966. Specifications were developed and Varian Associates was engaged to produce the unit, and, following exhaustive in-factory testing, to install it.

To complement the unit, the foundation also provided funds for the purchase of a 4 MeV linear accelerator. This unit has been in clinical use for two years and has also been used to test the field shaping system designed for the new accelerator. In addition, the 4 MeV unit has seen service in the development and testing of computerized dose distribution equipment, isodensitometer and automatic dose plotting system.

Missouri Senator Thomas F. Eagleton was the featured speaker at the program dedicating the new linear accelerator. The following is excerpted from his speech.

"I am pleased to join with you in dedicating the new Maytag accelerator facility. It will, I am sure, add even greater luster to the national reputation for excellence in cancer research and therapy earned by the Mallinckrodt Radiology Institute.

The scope of the national health problems caused by cancer has been amply documented. It is estimated that about one-quarter of all Americans now alive will develop some form of cancer, and unless research into detection and treatment of cancer is stepped up, 34 million of them will die of it.

The roots of the federal government's efforts to combat cancer go back to 1937 when the National Cancer Institute was established. The budget for the Cancer Institute in the first year of operation was less than a half a million dollars. This year it will exceed one-half billion dollars.

The National Cancer Act of 1971 marked the beginning of a new phase in the federal strategy with respect to cancer research and therapy. For the first time systematic planning for cancer research is required by law.

But in this, as in so many other areas, the establishment of a new program does not guarantee the funding of it. In the last fiscal year, $60 million of the funds that Congress appropriated under the National Cancer Act were withheld by the Administration.
**United Fund - Investing in a Better Community**

**Robert E. Frank**

**Dear Employe:**

As most of you are probably aware, October is United Fund campaign time at Barnes Hospital. This year, as in the past, we have set a figure which we believe to be a reasonable one for our institution in light of the United Fund's overall goal.

Achieving our goal of $60,404 is important to every one of us, whether we realize it or not. Over 100 United Fund agencies are working to improve the life of every St. Louisan, either directly or indirectly. Let me give you an example:

During this past spring, when rain-swollen rivers ravished the area for several weeks, United Fund agencies such as the Red Cross and Salvation Army were on hand to help out flood victims, and feed volunteers who filled sandbags and reinforced dikes. That, of course, is but one instance.

Throughout the year, and throughout the greater St. Louis area, United Fund money—your money—helped support useful organizations including day care centers for children, neighborhood improvement associations, youth organizations, rehabilitational services, care for the aged, crises counselling, and adoption services.

All St. Louisans benefit from these programs, and it is up to all of us to do our part to see that such good works are continued. We ask only that each of you give your Fair Share. Those who earn the least are asked to give the least, while those who make more, are asked to give more.

So, when you are given your Fair Share pledge card to fill out soon, remember that you are not “giving away” your hard-earned money. Rather, you are investing it in a better community and a better world.

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**Robert E. Frank**

President, Barnes Hospital

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**Dietetic Interns Graduate**

Graduation exercises for the 15 members of this year’s dietician internship class were held on Thursday, September 27, in the East Pavilion auditorium. Barnes associate director Joseph Greco and dietetics director Doris Canada addressed the students, their friends and relatives.

During the ceremonies the graduating students received membership cards in the American Dietetic Association, making them eligible to take the national examination necessary to become Registered Dieticians. They were also presented with diplomas and professional pins worn by dieticians who have interned at Barnes.

Following the ceremonies a tea honoring the new graduates was held on the pool deck of Queeny Tower. Four of the graduates will remain in St. Louis. Two will serve on the Barnes staff, one will join the Washington University medical school’s lipid research center and the fourth will join St. Luke’s hospital.

The graduates were: Constance Boschert, St. Louis; Sherry L. Brokenthal, Frierson, Louisiana; Joyce M. Burcky, Colorado Springs, Colorado; Betty Champion, Greenville, Mississippi; Helen Chua, Manchester, Missouri; Pamela King, Jefferson City, Missouri; Debra A. Klohs, Fresno, California; Willa K. Lee, Los Angeles, California; Trudy Norton, San Juan, Texas; Judith A. Palczynski, Cranston, Rhode Island; Mrs. Ann L. Roat, Mt. Morris, Michigan; Jon D. Scheffing, Temple City, California; Mrs. Kathleen Lutter, Plymouth, New Hampshire; Janice M. Sieron, Scottsdale, Arizona; Ruth B. Stewart, Lawrenceburg, Tennessee.
Barnes employs themselves, as well as patients and families of patients from all social and economic strata, are often beneficiaries of United Fund Services.

For example, Evelyn Bonander, director of social services, cites an employee who was put in touch with the Visiting Nurse Association to obtain home care for her invalid mother. Another employee who had moved to St. Louis from rural Missouri located a convenient United Fund day care center for her young daughter. A dispatch messenger was assisted by the Urban League in finding suitable housing. In all three cases, the help of the United Fund agency involved eased the employee's personal burden and enabled him or her to remain employed.

"We made referrals to virtually every United Fund agency," Ms. Bonander says. "For example, we are in touch with the Cardinal Ritter Institute possibly 20 times a day." That organization is one of the United Fund agencies that serves the aged with nursing care, homemaker services, transportation, and eventual nursing home placement when that becomes necessary.

Goodwill Industries, the Jewish Employment and Vocational Services and Vocational Counseling & Rehabilitation Services all provide help for the physically and emotionally handicapped and all are used extensively by the social service department. Each has a sheltered workshop where men and women who cannot obtain regular jobs can be productive in some way, therefore retaining pride and dignity. They also provide rehabilitation and vocational training.

Although Barnes is primarily a hospital for adults, children seen in the eye and ENT clinics are often referred to United Fund agencies when necessary. The St. Louis Hearing and Speech Center, for example, reconstructs hearing aids from used ones donated to them and provides these to youngsters unable to obtain a hearing aid any other way.

Mildred Casey, clinic admitting, works with patients in the arthritis clinic at Barnes. She refers 50 to 60 patients severely crippled with arthritis to the United Fund supported Arthritis Foundation each year. The Foundation provides such items as braces and wheelchairs for these victims, who range in age from 15 to 80 or more.

"We refer more than 100 new mothers—who for various reasons wish to put their babies up for adoption—to United Fund family service agencies such as Family and Children's Service, Jewish Family and Children's Service, Lutheran Family and Children's Service and Catholic Charities," says Maxine Stout, social worker in the obstetrics-gynecology area.

"In gynecology I don't know how we'd get along without the Visiting Nurse Association," Ms. Stout said. This United Fund agency provides home care for patients and receives three or four referrals from here each week.

As in other areas of the hospital, the Red Cross is invaluable in times of emergency in locating and making home travel arrangements for servicemen according to Ms. Stout.
United Fund Agencies

Help One Out of Four Of Your Neighbors

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Ms. Bonander also says the Salvation Army can be counted on anytime of day or night, particularly for emergency lodging. She told of one such instance: "A family traveling across country had an automobile accident at night and were brought into the emergency room. Although the mother and daughter were okay, the father was seriously injured and had to be hospitalized. The family was poor and had no place to go so we referred them to the Salvation Army, who gave them free room and board at their Emergency Lodge until the father could be released from the hospital."

The social service department as a whole agrees, that their job would be far more difficult without the help of the United Fund agencies. And they echo the claim of the United Fund campaign that almost everyone is helped at sometime during his or her life by a United Fund agency.

"In our jobs we see every day how much good the United Fund agencies do and how many people benefit from them," Ms. Bonander said, "and it's good to know they are all there if we should ever need them personally, too."
Third annual
Hand Injury Seminar

The third annual seminar on the care of hand injuries was held at Barnes Hospital on September 8 in Clopton auditorium. Some 140 persons from throughout the United States attended the day-long seminar, in addition to many residents from Barnes and other St. Louis hospitals.

Dr. Paul M. Weeks, Barnes Plastic Surgeon-in-Chief and director of the hand rehabilitation center here, welcomed the group. Dr. Weeks, Dr. Robert C. Wray, Barnes assistant surgeon, and Dr. Arthur H. Stein Jr., Barnes Orthopedic Surgeon-in-Chief, discussed various aspects of industrial injuries of the hand.

Other seminar participants included: Dr. Harry J. Buncke Jr., clinical instructor in plastic surgery at the University of California medical school, San Francisco; John R. Dixon, a St. Louis attorney; Dr. Carl R. Hartrampf Jr., clinical instructor in plastic surgery, Emory University, Atlanta, Georgia; Patricia E. Phelps, occupational therapist at the Irene Walter Johnson Institute of Rehabilitation here; and Virginia Woods, physical therapist at the Institute.

Street Lights Are Installed

Things are looking brighter around Barnes Hospital these nights, thanks to the installation of more than 100 high intensity sodium vapor street lamps on the boulevards and avenues around the hospital complex. Seven of the lights are new twin units and are located along Barnes Hospital Plaza. The remaining 118 street lamps in the vicinity, of the common mercury vapor type, are also being replaced with the sodium vapor lights, which are twice as bright as conventional units.

The installation of the new lighting is being financed jointly by the institutions that make up the Washington University Medical Center, including Barnes Hospital, in an effort to provide better nighttime security for patients, visitors and employees. The City of St. Louis has agreed to provide maintenance for the new lighting, although the cost will be some 60 per cent above that for mercury vapor units, according to the public utilities department.
Stop in. Look over our selection of gifts and cards.

Commencement ceremonies, held in the St. Louis Cathedral, for Barnes' summer nursing graduates was a happy occasion for some, such as Rebecca Barrow, right, and unhappy for others, such as Nancy Davis, left.

Barnes Hospital Tribute Fund Gifts

The following is a list of honorees (names in boldface) and contributors to the Barnes Hospital Tribute Fund during August, 1973.

In Memory of:

Dr. Frank R. Bradley
Jasper J. Purvis
Joseph T. Greco
Dr. and Mrs. Virgil Loeb Jr.
Mrs. Rose Valle
Alice Marshall
Dr. and Mrs. Andrew B. Jones
Miss Estelle D. Claiborne
Miss Nancy Craig
Mr. and Mrs. R. W. Rutherford
Pat Tilley
Mr. and Mrs. John L. Warmbrodt
Mrs. Julia Runge King
Mrs. Elizabeth Bressem
Eva Williams
Annie B. Jarvis
Mr. and Mrs. Harry Wuerthenbaecher
Mr. and Mrs. Rich Grisham
MRS. DORES HACKEL
Mr. and Mrs. George Canada
Mrs. Ruth Berg
Dean and Fred Hayden
Matilda Katterhenry
Carmen Wright
Florence Hess
Helen Ogle
Louis Grove
Norman Hampton
Nurse Anesthetists,
Dept. of Anesthesiology
Joseph C. Edwards, M.D.
Rose Tallman
Alice A. Kelly
Barnes and Allied Hospital Society
Dr. and Mrs. H. R. Hildreth
Florence and Elmer Mueller
Sally Buck
Drs. Burford, Ferguson, and Roper
Dr. and Mrs. E. B. Alvis
Dr. and Mrs. James M. Stokes
Mr. and Mrs. Martin H. VanderPearl
Barnes School of Nursing
Alumni Assn.
Ann J. Campbell
Barnes Hospital Board of Directors
Dr. and Mrs. Sydney B. Maughs
Mr. and Mrs. Dillon Trulove
Dr. and Mrs. Henry Schwartz
Dr. and Mrs. Lance Gerowin
Dr. and Mrs. Robert E. Votaw
Mrs. Hazel Overton
Dr. and Mrs. Norman Knowlton
Alfred G. White
Majorie and Meg White
Donald Danforth
Dr. and Mrs. Herbert Rosenbaum
Lester Nieman
Tanya and Stanley Palmer
Mrs. A. N. Arneson
Dr. and Mrs. John E. Hobbs
Mr. and Mrs. Walter E. Martin
Alvin F. Gottl
Gottl Children
Mrs. Mary Kennard Wallace
Mr. and Mrs. Richard S. Hawes
Susan Miller
Barnes Admitting Office
Mrs. Mimi Fischer
Mrs. Henry H. Rand
Mrs. Rosalind Bullock
Mr. and Mrs. M. J. Mathis
Mr. and Mrs. Stanley Kolker
Lawrence Twomey
National Vendors
Mr. Lon W. Thurman
Mrs. Julia Runge King
Eva Williams
Marguerite and Rex Ward
Mrs. Richard J. Mansfield Jr.
Clyde Crabtree
John R. Clark
Verneal Vance
William E. Burkett
Leonard Huber
D. Joseph McCluskey
Michael Wagster
Robert Jones

William McKenzie
Larry Bruner
Robert Goodell
Wayne Crume
Steve Osterloh
George Smith
Kenneth Keeton
Patrick Healey
Leroy Jones
Robert Johnson Jr.
Samuel Morgan
Woodrow Hughes
J. Keith McQueen
Dennis Anderson
Mrs. Louise Lang
Robert DeClue
Mr. and Mrs. Peter Fossell
Nathan McKeever
Betty Falkenberg
Lavern Williams
Herbert Jackson
Clint Mobley

Mrs. Oliver Abel
Russell C. Wheeler, D.D.S.

Mr. Frank J. Taveggia
Employees of Frank and Meyer Neckware Co.

Mrs. William M. Rand
Mr. and Mrs. Charles H. Sommer

Eunice W. Royston
Dr. and Mrs. Joseph A. Bauer

Mrs. John Rogers
Geneva Keller

Mr. Raymond Henninger
Mrs. Dolores Wuerthenbaecher
Mr. and Mrs. Alois Gmoser and Daughters

Dr. Crofford Vermillion
Dr. and Mrs. Norman Knowlton

In Honor Of:

Barnes Bulletin
Marie M. Murphy

Morris Dankner
Mr. and Mrs. William R. Klein
Doctor's Notes

- Dr. Bevra Hahn, Barnes assistant physician, and her fellow researchers report that vitamin D may help prevent bone loss in patients receiving long-term corticosteriod therapy for rheumatoid arthritis, according to a report in Medical World News.

- Dr. Joseph C. Tsung, a former resident in obstetrics-gynecology at Barnes Hospital, recently joined the staff at the Carbondale, Ill., Clinic.

- Drs. Remi Cadoret and Donald W. Goodwin, Barnes assistant psychiatrists and their fellow researchers reported in Psychiatry that there is apparently no synergistic effect in subjects given marijiuana and amphetamine simultaneously. Previous animal studies had indicated synergistic effects might occur.

- Dr. Allen P. Klippel, Barnes assistant surgeon, has been asked to serve on Missouri Governor Christopher S. Bord's Task Force for Emergency Medical Services. The task force is being created to devise and recommend policies to the Governor and to the state's Board of Health.

The President's office reports the following persons on staff, effective July 1, 1973: Dr. Leland Laycob, assistant pediatrician; Dr. Aly A. Razek, assistant pediatrician; and Dr. Burton E. Sobel, assistant physician. On staff effective August 1, 1973: Dr. David W. Keller, assistant obstetrician-gynecologist.

Anesthesia School Graduates

The Barnes Hospital School of Anesthesia's September graduating class look over their diplomas. This fall's class was the first all-woman class in several years. Front row, from left: Diane Steeg, Marcia D. Snyder, Charlyn S. Yaeger. Back row, from left: Cassandra Marley, Judy M. Hartline, Mary L. Rutherford, Adelyne J. Brady, Vicki Corry and Dean Hadden, director of the anesthesia school.

United Fund Days

(Continued from page 1)
counseling services, and care for the aged, the neglected, and the physically and mentally handicapped. One out of every four persons in the Greater St. Louis area uses one or more United Fund supported agencies each year.

Each Barnes employe will receive a gold pledge card from his immediate supervisor at the beginning of the drive. Those who pledge their fair share will receive a lapel pin.

Nursing co-chairmen of this year's campaign are Donna Jablonski and La Frances Cockrell. Division chairman include Walter Hanses, Richard Grisham, Howard Green, Ed Thurman and Doris Canada.

Campaign progress will be posted by division on a graph in the main dining room of the employe cafeteria.

Hospital Gets ELAN Books

The Missouri Club chapter of the Bell Telephone Company's Pioneers, a social and service organization for phone company employes with 21 or more years experience, recently presented Barnes with several hand-made ELAN animal alphabet books for use here by young patients with sight problems.

Each book has 27 pages depicting various animals and letters of the alphabet. The outline of the pictures and the letters are raised, so the books can be "read" without training in braille.

The Pioneers gathered a group of some 40 persons who devoted their lunch hours for several months to laboriously drawing the animals by hand on the special plastic ELAN paper, which produces a raised line. The Pioneers also purchased the material for the books.