United Fund Goal at Barnes is Set at $56,000

It's United Fund solicitation time again at Barnes and this year's United Fund Goal is $56,000—a 1 per cent increase over the $55,356 that was given by the hospital to the United Fund during the 1969 campaign. Last year Barnes Hospital exceeded its goal by $3,356, which was the third successive year that the hospital has reached its United Fund goal.

The Greater St. Louis United Fund goal is $13 million, a more difficult goal because of labor strikes and economic trends. United Fund serves 119 health, welfare and child-serving agencies.

This year's area-wide United Fund campaign chairman is W. R. Persons, a member of the Barnes board of trustees. Speaking on the establishment of the campaign's goal for St. Louis, Mr. Persons said, "This goal is an absolute minimum. Our agencies urgently need every penny of that amount. To raise less would be to dilute the services our 100-plus UF agencies provide for all people in the metropolitan area. Hopefully we will exceed this goal substantially. Only then can our agencies meet our real community needs."

A portion of the total funds collected in the area-wide campaign will come to Barnes as the medical center is a United Fund agency. During 1970, Barnes will receive

(Continued on page 3)

Renovated Barnes Operating Room No. 1 Features Engineering Concepts from 'Clean Room' Technology Developed by NASA

A major face-lifting to modernize Barnes operating room No. 1 has been completed. Certain engineering features have been adapted from techniques developed by the National Aeronautics and Space Administration program in "Clean Room" technology. At NASA, component parts for space flights are assembled in a sterilized "Clean Room" where dust and dirt particles in the air changes are minimized by a unique uni-directional laminar air-conditioning and filtering system.

The Laminar inlet air-flow system in the Barnes operating room originates from 12 panels in the ceiling drop directly above the operating table. A steady stream of air flows downward to near the floor and outward into four outlet ducts. The laminar filtering system is effective in purifying the new incoming air changes so that the system can filter particles 25 times smaller than a human red cell.

The laminar system permits greater selectivity in regulating the amount of fresh air changes per hour. It will permit up to 100 complete air changes an hour.

(Continued on page 8)
Urologist Takes Family on Inexpensive Cycling Vacation

Can a family of five enjoy themselves on a four-week vacation on $10 a day? Dr. Charles Manley, an assistant surgeon and a member of the urology division at Barnes, and his family recently completed a "successful" excursion around wind-swept, sand-laden Nantucket Island and other points of interest in Massachusetts, using English touring bicycles as their sole means of transportation.

Fool-hardy? Frivolous? No, it was just the Manley's way of seeking outdoor adventure with a mind on their pocketbook, a familiar concern with vacationers from Miami Beach to Missouri's Lake of The Ozarks.

Dr. Manley and his wife, Martha, and their sons, Ben, 11, and Bill, 7, and daughter, Anne, 10, left St. Louis on July 26 by automobile for their east-coast destination culminating almost a year of preparation. Their bikes were carried in metal racks on the outside of the vehicle.

Upon arriving at the northern tip of Cape Cod, the Manleys left their car and started traveling south on their bikes, averaging about 20 miles a day, with visits to Nantucket, Martha's Vineyard and on to central Massachusetts. With the aid of detailed geodetic survey maps, they stuck mainly to the byroads and country lanes, thus avoiding heavy traffic. "In all, we covered more than 300 miles by bicycle," Dr. Manley said.

Overnight accommodations were the key to the Manleys cost-cutting efforts. Throughout their trip, they stayed at hostels which are refurbished old farmhouses, abandoned coast guard stations, and the like. Family quarters, as well as separate dormitories for single hostelers are provided at a nightly cost of about $1.50 to each adult occupant. The hostels furnish bathing facilities, in addition to sleeping blankets and pillows.

"Gradually, more and more people are becoming interested in a hostel vacation. To me, it provides an ideal compromise between camping and a resort vacation, and at times, assumes the quality of an adventure," Dr. Manley said. "The three great hazards to a bicyclist are cars, dogs, and open sewer grates, in that order. Happily, we managed to avoid all three."

Final preparations for the Manleys' recent junket to the East Coast were begun in earnest about two months prior to the trip. Each weekend, the family took their cycles to the nearby Illinois countryside for conditioning rides. All supplies and equipment necessary for the trip were carried in saddle bags on the rear of the bikes; clothing, swim suits, mosquito repellent, first-aid equipment and bike-repair gear. "Everyone, including Billy, the seven year old, was responsible for packing his own saddle bag. Food was purchased from grocery stores along the way."

Dr. Manley was first introduced to cycling while serving in the Air Force in California in 1963. Four years later, he and his wife took a cycling vacation thorough the Amish farm country in southeast Pennsylvania. "This trip confirmed our notion that a cycling vacation would be enjoyable for the whole family," he said.

The Manleys are already planning a sequel to this year's epic journey. Next year they plan to cycle along the Chesapeake and Ohio Canal Towpath, a 180 mile waterway that begins at the Cumberland Gap in Maryland, culminating almost a year of preparation.

This is the only campaign that will take place in the hospital this year. Through your Fair Share pledge to the United Fund, you are helping support more than 100 separate organizations. These agencies serve the entire community and help make our area a better place in which to live and raise our families. For example, during this year, hospitals and health and aged services received 13.9 per cent of the UF campaign dollars that were allotted.

This is your annual opportunity to pledge your support to help the sick, the aged, the homeless, and the troubled. I urge you to give careful consideration to your contribution before you sign your pledge card because, like the campaign slogan: "Hope Is In Your Hands."

Sincerely,

Robert E. Frank
Director of Barnes Hospital
Restricting Weight Gain in Pregnancy Could Be Harmful, Nutritionist Warns

The common medical practice of restricting weight gain in pregnant women to less than 20 pounds could be contributing to the high U.S. infant mortality rate, according to Dr. Robert E. Shank, chief of preventive medicine at Barnes Hospital and chairman of the Committee on Maternal Nutrition of the National Research Council.

Dr. Shank’s views are based on the findings of his nutrition committee which recently released a report on the committee’s three-year study of the diets and nutrition of expectant mothers. Thirteen scientists and nine physicians helped formulate the opinions and recommendations which are included.

Dr. Shank said that for the past decade, the U.S. infant death rate has remained relatively constant while other well-developed countries, such as Great Britain, report significant decreases. The U.S. ranks 13th in this death category among 40 countries surveyed in 1966 by the World Health Organization.

Perplexed by this trend in 1966, the U.S. Children’s Bureau attempted to discover the reasons behind the high level of infant mortality in the U.S. The Bureau approached the National Research Council and requested that studies be undertaken to determine the contributing causes. For some time, the Bureau had recognized that the nutrition and diets of expectant mothers could be a contributing factor to the death rate, but they needed scientific proof and recommendations to verify their theories.

At this point, Dr. Shank’s committee was established. It’s too early to evaluate the response to Dr. Shank’s committee report, but there’s little doubt the report could create a new tone of thought among obstetricians and gynecologists and others who have advocated weight restriction, limiting total weight gain to as little as 10 to 14 pounds for the period of pregnancy.

The weight-restriction theories can be traced back to the start of the 20th Century when a German obstetrician claimed that an expectant mother’s carbohydrate and total calorie intake should be limited so: 1) the baby will be physically smaller with less difficulty for the mother and obstetrician at the time of delivery; and, 2) the removal of excess body weight of the mother would not be necessary after delivery.

Dr. Shank said there “was never any scientific evidence to prove or disprove these theories. They gained acceptance after World War I when several medical researchers reported that the infant death rate in Europe fell sharply during a time of imposed food restrictions. There has been little to dispute the theory until the nutrition committee’s report.”

In addition to restricting weight gain, Dr. Shank said that a number of other wide-spread medical practices regarding the diets of expectant mothers, are either hazardous or questionable. “For example, some physicians restrict salt intake, and, at the same time prescribe diuretics which are of doubtful value to prevent pre-eclampsia (a complication of pregnancy). Both practices are potentially dangerous, he said.

“The report demonstrates that pregnancy in the adolescent, the girl under 17 years of age, poses special and important problems. Because they are growing, most girls under 17 have greater nutritional requirements in relation to body size than do adult women, and, therefore, the additional nutrient demands of pregnancy may compromise their growth potential and increase their risk in pregnancy.

Mrs. Florida Ross, an LPN in the OB-GYN Clinic on the fourth floor in Wohl Clinic, records the weight gain of an expectant mother. According to Dr. Shank’s committee which studied the problems of weight restriction in pregnant women, restricting weight gain below 20 pounds could have a harmful effect on both the mother and the new born baby.

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UF Drive (Continued from page 1)

$142,968 from the UF to offset some of the expenses of the clinic operations. This allocation aids many in-patients who are unable to pay their entire bill. A separate allocation of $5,869 is being distributed to Barnard Hospital for cancer and other skin disease patients.

Thomas Winston, associate director, is the Barnes general chairman. Hospital administrators serving as division leaders are: Robert Frank, Joseph Greco, Robert McAuliffe, Dr. Crofford Vermillion. Thomas Winston, Miss Sue Hackman and John Warmbrott.

Prior to the kick-off of the 1970 campaign at Barnes, solicitors and employees viewed movies showing United Fund activities.

According to Winston, the majority of the solicitation should be completed by mid-October.

“Fair-Share” lapel pins are awarded to employees who pledge one hour’s pay per month for a total of one year. A program chart with Barnes’ “fair share” goals and the hospital’s divisional goals is located in the employee cafeteria and is updated as the campaign progresses.
This year, "Bridge Over Troubled Waters," the title of a current popular song, is a theme for the 1970 campaign of the United Fund of Greater St. Louis. The United Fund is a bridge, between those who need help and those who can give it.

Music is often a bridge of communication, so we're using song titles to express the needs of the community, and the abilities of persons who live in the community, such as the Barnes employe group, to meet these needs.

In the photographs, you'll see your fellow Barnes employes visiting a few of the 120 agencies served by the United Fund. One Barnes employe watched cerebral palsied children learn to live useful lives at the United Cerebral Palsy Association.

"I Just Can't Help Believing" is the title of a catchy new tune now popular with young people. Our employe couldn't help believing, either—that these children would find a meaningful place in the world in spite of their birth defects—and that their lives would be better because of the care and love of the skilled personnel at the center.

A youngster needs to learn love and respect for the world around him, and the youth-serving agencies of the United Fund, the Boy Scouts, Girl Scouts and Camp Fire Girls enrich children's lives, helping them mature to be responsible, creative teenagers and, finally, adults who like themselves and their surroundings. "My Favorite Things," the cheerful song from "Sound of Music" could describe the delight a Girl or Boy Scout feels when he learns to enjoy the serenity and beauty of the out-of-doors on a nature hike with the scout leader.

That great classic, "You'll Never Walk Alone," is what occurred to Barnes employes when they visited the Mary Ryder Home, and saw the residents of the boarding home, many of whom are in their 90's, still enjoying a life of dignity and pleasant experiences. These senior citizens feel a part of today's world because of the interest of personnel in the home, and the support of the community through the United Fund.

Though five year old Paul Palermo, the UF 1970 poster child, has a 95 per cent hearing loss, due to an attack of spinal meningitis when he was 15 months old, the little boy is being prepared for a happy and normal life by his teachers at St. Joseph's Institute for the Deaf. So, "Sounds of Silence," the song made popular by the movie, "The Graduate," could be a description of Paul's life. A United Fund Agency, St. Joseph's has given "sound" to his silent world.

Finally, at Barnes, employes have a chance to see "Both Sides Now," because Barnes Hospital is a recipient of UF funds. And, money from the UF is used to defray the costs of medical care at our hospital for the indigent persons who can pay none, or only a part of their own care. Employes can see, from the agency's side, the need of the persons from the community who are unable to pay to have help.

There are many other agencies which benefit from the United Fund giver's dollar. Family counseling, day care, neighborhood centers, are only a few.

So, "Let It Be," as the Beatles' song says.
We're all, "People Who Need People."
A love of the out-of-doors will enrich the lives of these little girls, who are Brownie Scouts. This group is one of the youth serving agencies supported by the United Fund contributions. "My Favorite Things," are enjoyed by Brownies Lori Rosenthal, left, and Anita Ylagan, members of Brownie Scout Troop 1539, on a nature trail with Mrs. Michael Ortengren, adult scouting assistant. Along on this hike is Edwin Brown, assistant director of the Barnes medical records department.

Waynella Runcie, Barnes staff-development nurse, gets acquainted with Paul Palermo, United Fund's 1970 Poster Child. There definitely will be "Sounds of Silence" for Paul, because he has begun treatment for his 95% hearing loss at St. Joseph's Institute for the Deaf. Teaching five-year-old Paul is Sister Jean Timothy, from the Institute.

Miss Carol Hauser, Barnes cashier, right, sees that the 90-year-old resident of Mary Ryder home (center) knows she'll "Never Walk Alone." Miss Hauser visited with Mrs. C. A. Mundel, an employee of the Ryder home at left, and learned that these elderly people enjoy a life of dignity and contentment made possible by United Fund dollars.

Watching the United Fund dollars in action "From Both Sides Now" are Barnes employees who directly help patients and also contribute to the United Fund, indirectly helping many of the same persons, those who can pay for only a part of their care. Above at left is Mrs. Robbie Hall, laundry sheet operator, watching Mrs. Mildred Halliburton, LPN in McMillan Eye Clinic, dilate the eyes of a young patient to prepare for an eye examination.
Contributions to Barnes Tribute Fund May 6 - September 10

Following is a list of honorees (names in bold face) and contributors to the Barnes Hospital Tribute Fund from May 6, 1970, through September 10, 1970. Because of the large number of contributors in honor of two Barnes' physicians, Dr. Cecil Charles and Dr. Glover Copher, who died recently, an additional listing of the contributors to honor these physicians and other individuals will appear in next month's Bulletin.

IN MEMORY OF:

Dr. Drew Luten;  Dr. and Mrs. Virgil Loeb Jr.
Harriet Edith White;  Mr. and Mrs. Harry Chapman
Mrs. Bernice Post;  Mr. and Mrs. Wilbur Jones, Mrs. Elodie N. Garrison, Dr. and Mrs. H. R. Hildreth, Mr. and Mrs. Harry Wuerntenbaecher
Mother of Dorothy Rosecan;  Mr. and Mrs. Darwin Portman
Mr. Oliver Peters;  Mr. and Mrs. Maurice Chambers
Mr. Firmin Deslogie;  Mr. and Mrs. L. C. Davis, Mr. and Mrs. Charles Claggett
Mrs. Howard Hoffman;  Mr. R. L. Bence
Mr. H. Jerome Jarrett;  Dr. and Mrs. Crofford Vermillion, Mr. and Mrs. John Warmbrodt, Mr. and Mrs. Robert E. Frank
Mrs. Lester Barker;  Lt. Charles Rutherford
Mr. Sam Rallo;  Mr. and Mrs. Maurice Handelsman
Mrs. Thomas Richards;  Mr. and Mrs. Charles Claggett
Mr. Arthur Baer;  Mrs. Richard Fisher, Mrs. Harry Holmes, Dr. and Mrs. H. R. Hildreth, Mr. and Mrs. Simon Edison, Mr. E. R. Culver III
Sister of Marilyn Wolf;  Mr. and Mrs. Darwin Portman
Mr. Edgar Queeny;  Mr. and Mrs. Leonard Hornbein
Mr. Henry R. Rebesberger;  Mr. and Mrs. Parvin Williams, Harold and Roland Simon, Mrs. Evelyn Knight, Mr. Toni Langford
Dean E. Shackelford;  Dr. Patrick D. Lester, Dr. John Armstrong Jr., Dr. Emily L. Smith, Dr. Charles Robertson, Dr. Michael Spence, Dr. Wiley Johnson
Mr. Garneau Weld;  Mr. E. R. Culver III, Mr. and Mrs. Charles Claggett
Michael Miller;  Mr. and Mrs. John L. Davidson Jr.
Gregory Logan;  Mr. and Mrs. John L. Davidson Jr.
Mr. Leonard Wheat;  Marvin Hoffman, Robert Hooten Jr., John B. Merrill, Violet Wetzler, Lester Boe dekker, Gladys Bequette, tributes from 42 other friends
Mrs. Joseph D. Wells;  Ann and Ruth Deutsch
Mr. Gerald Froomke;  Mr. and Mrs. Harry Wuerntenbaecher, Mr. and Mrs. Fred A. Hermann
Mrs. Charles Caspari;  Dr. and Mrs. Justin Cordnonnier
Mr. Raymond E. Mires;  Universal Metal Products
Dr. Borden S. Veeder;  Mr. and Mrs. Charles Claggett
Mr. Clarkson Carpenter Jr.;  Mr. E. R. Culver III, Mr. and Mrs. Charles Claggett
Mr. Henry Ferriss;  Mr. and Mrs. Charles Claggett
Mr. James G. Conzelman;  Mr. and Mrs. Charles H. Sommer, Mr. and Mrs. William G. Moore Jr., Mr. and Mrs. Charles Claggett
Mrs. Bessie Vermillion;  Dr. Leonard Jarrett
Mrs. Minot P. Fryer;  Mrs. Samuel D. Conant, Dr. and Mrs. Robert Bartlett, Dr. Heinz E. Haffner, Dr. and Mrs. Justin Cordnonnier, Dr. Joseph C. Edwards, Mr. and Mrs. William G. Moore Jr.
Chaplain George Bowles;  Mr. and Mrs. A. H. Marshall, Mr. and Mrs. Robert E. Frank, Mrs. Patricia K. Tilley, Crofford Vermillion, Mr. John Keppel Jr., Mr. and Mrs. John Warmbrodt, Dr. Heinz E. Haffner, Louis Gartiser, Dr. and Mrs. John E. Hobbs
Mrs. Marquard F. Braun;  Mr. and Mrs. M. R. Chambers
Mr. Sam Bayer;  Dr. and Mrs. Justin Cordnonnier
J. Edward Hawk III;  Miss Carolyn Eshing
Mrs. Constance Matthews;  Mr. and Mrs. James Howe III
Mr. Thomas Mullen;  Mrs. Julia Ronge King
Mr. Julius Cohen;  Mr. and Mrs. Maurice Chambers
Mr. Charles Goldman;  Barnes Hospital Auxiliary, Dorothy H. Dixon, Mr. and Mrs. Samuel C. Sachs, Mr. and Mrs. Al Kessler, Audrey Kailer, Mary Fischer, Mr. and Mrs. Jerry Nau, and family, Mr. and Mrs. Leo Epstein, Mrs. Elizabeth Bressem, Dr. and Mrs. Gordon Newton, Mr. and Mrs. Harry J. Holmes, York Woods Improvement Association
Anita Marie Gonzalez;  Mr. and Mrs. Henry Heiland, Mr. and Mrs. Robert Heiland and family, Mr. Maurice Green, James D. Greer family, students of the Class of 1971, Mexico (Mo.) High School, Mr. and Mrs. B. M. Parks, Mr. and Mrs. J. A. Beshears, Mr. and Mrs. L. Sperry and friends of the Gonzalez family, friends of Michael Gonzalez, Mr. and Mrs. W. Schroeder and friends of the Gonzalez family, Mr. and Mrs. J. B. Yeakel, Mr. and Mrs. William Schenk, Charles Specht family, Mr. and Mrs. Seg Suarez, Mr. James Suarez, Mr. and Mrs. Max Drake, Mr. and Mrs. H. Hytla, Mr. and Mrs. C. Smock, Mr. and Mrs. T. Dudicil, Edward Taechler family
Barnes Hospital Auxiliary Players;  Children's Hospital Auxiliary, St. Joseph's Hospital Auxiliary
Mr. Milton Landau (birthday);  Mr. and Mrs. Argo E. Landau, Mr. and Mrs. Leonard Hornbein
Mr. and Mrs. Edmund Burgard (anniversary);  Mr. Edmund Burgard
Mr. and Mrs. Byron Glassberg;  Mr. and Mrs. William E. Shamski
Chaplain George Bowles (retirement);  Mr. Brooks Gattermeier

Barnes Dietary Employee Gets School Diploma After 31 Years

Mrs. Lillie Nash, 47, who works in the vegetable preparation area of the main kitchen at Barnes, recently received her high-school diploma by attending night school. Thirty-one years ago Mrs. Nash dropped out of high school. Now that she has accomplished her goal, she has set her sights on college and eventually becoming a registered dietitian.

Mrs. Nash's struggle has not been easy, but she is proud of her new accomplishment: "When you want something bad enough, like I did, a person can usually overcome all obstacles until his goal is reached."

Mrs. Nash for many years wanted to return to school, but felt she was not able to do so because she was responsible for the financial welfare of her family of three teenagers.

"But the urge to get my diploma became stronger as I realized that an education is important in considering promotions. I want to be ready for job advancement when the opportunity arises," she said.
Mrs. Neola Wilson, a telephone operator at Barnes, will retire this month after serving almost 19 years as a Barnes employee.

Joan Laycock, a respiratory nursing care advisor at Barnes, and Dr. S. David Rockoff, assistant radiologist, were among the featured speakers at the fifth annual St. Louis Heart Association conference for Nurses that was held October 7 at St. John's Hospital. The program, which was presented by the St. Louis Heart Association Nursing Committee in cooperation with the Third District Missouri Nurses Association and the Visiting Nurse Association of Greater St. Louis, focused on "Pulmonary Heart Disease—A Contemporary Problem."

Mrs. Judy Harrold has been chosen "Messenger of the Month" by the supervisors in the hospital's dispatch section for her outstanding work performance. In addition to performing her duties as a dispatch messenger, Mrs. Harrold is also employed in the hospital's mail room.

Ray Boone recently joined the staff of the Walter Johnson Rehabilitation Institute as assistant chief physical therapist. He will be concerned with the clinical education of physical therapy students. A 1967 graduate of Washington University, Boone formerly was the director of student clinical affiliations at Jacobi Hospital in New York.

George Dixon, director of the department of social service at Barnes, was recently re-elected as chairman of the division of professional standards of the St. Louis Chapter of the National Association of Social Workers.

Two Barnes employees, Miss Kathryn Hansbrough, a registered nurse at Wohl Clinic, and Mrs. Myrtle Johnson, a nurse assistant, both retired recently after 21 years of service.

In the photo above, Miss Shirley Churchich, information desk clerk at Barnes, knows the headaches that parking tickets can cause. It's a "bitter pill" to take, but visitors and employees must be ready to take their "medicine" when their allotted parking time expires. Issuing the parking ticket is Miss Maxine Hudson, a meter maid for the St. Louis City parking-meter division. Miss Hudson, as a coincidence, was formerly a senior nurse assistant at Barnes.

Free Bus Rides

In the photo at the right, Miss Marcia Lake, employment interviewer, conjures up a remedy to solve the overcrowded parking situation at Barnes, by boarding one of the Ladue Local Lines' shuttlebuses that transport passengers between the Barnes medical center and other institutions in this area from the Upper Municipal Opera Parking Lot. Standing nearby is a Wells Fargo security guard who patrols the lot. Barnes employees are encouraged to make use of this park-ride service. Barnes employees can ride the buses free of charge by obtaining a pass at the Barnes Employment Office. Two changes were recently instituted by the City of St. Louis which affect parking in this area. First of all, parking on many of the streets in the eastern side of Forest Park has been either completely forbidden or limited to three-hour parking. Secondly parking meter rates near the medical center will soon be increased from 10 cents per hour to 20 cents.

14 Dietetic Interns Graduate from Training Program Here

Fourteen dietetic interns received diplomas from the one-year intern training program in dietetics at Barnes Hospital, and membership in the American Dietetic Association during graduation ceremonies on August 28 in Clopton Auditorium. Prior to the event, the interns completed successfully examinations to officially become registered dietitians.

Relatives and friends of the graduates came from all parts of the country to attend the function. Joseph Greco, director of admitting at Barnes Hospital, welcomed the group, and presented the diplomas to the graduates after a commencement address that was given by Mrs. Doris Canada, director of dietetics.

The following is a listing of the graduates: Mary Barth, Mrs. Kathryn Betz Duello, Mrs. Janice Keithley Gianoulakis, Karen Halderson, Katherine Henry, Linda James, Merrell Liveakos, Carol Loney, Margaret O’Hearn, Carolyn Peters, Carolyn Shaginaw, Betty Jo Thomas, Jeanie Tull and Robert Zill.

Two of the graduates, Miss Henry and Miss Tull, will remain at Barnes in the patient tray assembly unit.
10 Complete Course Requirements in Anesthesia

Ten students recently completed requirements to graduate from the two-year anesthesia course at Barnes. Several of the graduates are discussing the proper placement of an oxygen breathing apparatus, during a mock operation in one of the operating rooms. Observing are: left, Mrs. Kathryn Cokering, Mrs. Dorothy Barnister, Miss Linda McCoy (partially hidden), Mrs. Barbara Blevins, George Beatty, James Covey, David Raleigh, Mrs. Elizabeth Gardner. Other members of the graduating class are Mrs. LaVerne Will and Larry Green.

Operating Room (continued from page 1)

No bacteriology studies have been taken as yet, but the new filtering system is expected to decrease the contaminates which normally exist in the air, according to Dr. Richard Clark, assistant surgeon, who, along with Dr. Clarence Weidon, cardiothoracic surgeon in chief, and others, have planned and supervised much of the project. The project is a venture between the Washington University School of Medicine and Barnes Hospital.

One of the major changes to the operating room itself will be the installation of a complete 8-channel monitoring system to measure a patient’s electrocardiogram, five body pressures and two blood flows that can be displayed instantly and simultaneously on two oscilloscopes that are easily visible to the operating room. Recordings can be made inside a new monitoring room.

Other new factors include the installation of Teflon vinyl wall covering, recessing of all pipes, redesign of the lighting, and "pass-through" cabinets that open to a hallway so operating room supplies can be replenished without entering the room.

Rooms adjacent to the operating room have also been redesigned. A store-room has been converted into an anesthesia induction room. Patients who are to undergo surgery are brought first to this induction room and anesthesia is induced and all pre-surgical preparations are made. The prepared patient is then moved into the operating room. A complete monitoring system has been installed in the anesthesia induction room.

"To my knowledge, there is only one other monitoring system to be used in a complete laminar operating-room system," Dr. Clark said.

Basketball Termed 'Most Progressive Sport'

There is no evidence that sports are character-building, claim two psychologists at San Jose State College in California, who have tested 17,000 athletes during the past decade, including members of four professional football teams, two major-league baseball teams, one pro basketball team, pro golfers, Grand Prix drivers, swimmers and trackmen.

In making known their conclusions which shatter long-held sports beliefs, Drs. Bruce Ogilvie and Thomas Tutko say it is more likely the coaches and teachers receive the youngsters who are well-developed personalities before they begin their sports careers.

Dr. Ogilvie has termed basketball as the "most progressive" sport, but requiring a higher physical and emotional price from the athlete than does football.

He said that baseball sets the standards for conservatism—"political, social and psychological. I can't imagine how a sport can survive with such stereotype responses."

He said that there are fewer neurotics in athletics than in the general population because sports tends to weed out the emotionally unstable, and the youngsters who overlact to failure.

Volunteer Workshop Set

Drug abuse and alcoholism will be discussed by Dr. Donald W. Goodwin, assistant psychiatrist at Barnes, who will be the featured speaker at the fourth annual workshop for Barnes Hospital volunteer workers which will be held from 9:00 a.m. to 2 p.m. Thursday, October 29, at the Kirkwood United Methodist Church, 201 West Adams St.

After registration, Mrs. Aline Holmes, volunteer chairman, will give a brief welcoming address. The morning session will feature a question and answer session involving a panel composed of three members of the Barnes Hospital administration, Robert Frank, director; John Warmbrodt, deputy director; and Miss Sue Hackman, director of nursing service. Topics to be discussed include hospital costs, research and patient care.

Those in attendance will be guests of the hospital for luncheon which will be served in Fellowship Hall by members of the Women's Society of Christian Service of the Kirkwood Church.

Following the luncheon, individual workshops will be held for the more than 20 areas of service in which volunteers work.