USPHS Awards Cardiovascular Grant

A grant of more than $1.5 million for basic research into heart and blood vessel disease has been granted to Washington University Medical School to be used in studies being conducted by five Barnes physicians.

The Public Health Service grant will be paid over a period of seven years, with approximately $278,000 allotted during 1967. Dr. John R. Smith, associate physician, and co-director of the Medical School's division of cardiovascular disease, will collaborate with Dr. Brent M. Parker, co-director of the cardiovascular division and assistant physician at Barnes; Dr. Duane C. Hellam and Dr. G. Charles Oliver, Barnes assistant physicians, and Dr. Umit T. Aker.

Separate Studies

The physicians are engaged in several separate research studies. "This division has been, and continues to be, a federation of basic research people," Dr. Smith said. "Each of us has pursued his own particular interest."

Dr. Parker and Dr. Oliver are seeking a method by which they may estimate accurately the quantity of digitals a heart patient has in his system. Until now there has been no means of measuring the absorption of the drug used for cardiac stimulant and diuretic.

Monitoring techniques (by means of computerized systems) for persons who have suffered a heart attack also are under study by Dr. Oliver.

Hemodynamics

Dr. Aker, whose specialty is hemodynamics (study of blood pressure), is working on lymphatic circulation and the role of congested heart flow in relation to the lungs and other aspects of circulatory apparatus. The mechanism and basic physiology of muscle contraction and heart and skeletal muscle functions are the areas of Dr. Hellam's interest.

Dr. Smith's research also is in muscle, particularly the heart.

(Continued on Page 8)
Silver Nitrate Used to Treat Teen-age Brothers
At Barnes Hospital After Stove Exploded in Home

"They're lucky little boys," said Mrs. Troy McCutcheon whose teen-age sons were severely burned in an accident on January 9. For 2½ months since the explosion in her family kitchen she has watched the boys' healing and rehabilitation, and she is so thankful that they are alive.

David & Marvin

Several years ago, without treatment with silver nitrate, this might not have been the case. Because the boys were rushed to Barnes and treated almost immediately, there has been very little infection. Infection is one of the major causes of death in burn patients.

75% of Body Burned

Seventeen-year-old Marvin suffered burns on 75 per cent of his body. Half of the area involved partial thickness burns and half full thickness burns. Nineteen days after the accident his right forearm was amputated. David, 13, had deep burns on his lower legs and ankles. Marvin is hospitalized in Barnes intensive care burn unit and David at Children's Hospital.

For the past six weeks, Mrs. McCutcheon has been spending Monday through Thursday at the medical center, and on weekends she goes home to Marquand, Mo., to take care of her husband and her other three sons.

Home From School

When the boys arrived home from school that Monday afternoon in January, Marvin went into the kitchen to rekindle the fire in the wood-burning stove. He began pouring kerosene into the stove when the whole thing exploded. David saw his brother's clothing burning and ran over to try and extinguish it. But he slipped on the kerosene, which by this time was spilled all over the floor.

Hearing the boys' screams, their 15-year-old brother ran into the house. He managed to get off Marvin's burning shirt while David wrapped himself in a blanket.

Then David ran outside, thinking that his clothes were "out." But the oxygen in the outside air started up flames around his legs and ankles since his pants were still smoldering.

Within minutes the boys' parents were rushing them to the closest hospital at Fredericksburg. The doctor there gave them pain pills and ordered an ambulance to rush them to Barnes Hospital Emergency Room. The accident occurred shortly after 4 p.m. By 6:50 p.m. the boys were being treated.

'Healing Well'

Dr. John Connors, assistant resident in general surgery who has worked with Marvin during his hospitalization, says the boy is healing well and skin grafting is coming along fine. There is very little infection, he says. This might be attributed to the short time that elapsed between the accident and treatment with silver nitrate.

Physical Therapy

Both boys spend much of their time in the physical therapy department. Marvin has been walking since the beginning and is learning to use his left hand. After they return home, the boys will be back for more skin grafting and possibly plastic surgery. Marvin will have an artificial arm which he should be able to put to good use if he decides to become a mechanic. Thanks to the quick action of their family, the fine care of their doctors and nurses, and the application of the latest techniques in treating burns with silver nitrate, the McCutcheon brothers can look forward to full and useful lives.

A PAINTING OF W. U. MEDICAL SCHOOL was unveiled February 27 at a luncheon in Olin Residence Hall's penthouse. Above, Dr. William H. Danforth, vice-chancellor for medical affairs, at left, admires the painting with George S. Squibb, vice-president of E. R. Squibb & Sons, right. The Squibb company commissioned the artist, Stanley Melzoff, to do the painting, and presented the canvas to the school. At the luncheon, Dr. Danforth gave a talk on the early history of the Medical School, entertaining the group with little known facts about the school at the turn of the century.

4 Graduated From Barnes School of Cytology

Four students were graduated from the Barnes Hospital School of Cytology February 28.

The cytologist studies cells, with an emphasis on cancer detection. Dr. Lauren V. Ackerman is director of the course.

The students serve six-month internships after graduation. They are: Miss Carol Alpert, intern at Barnes Hospital; Mrs. Barbara Quinn, Barnes; Bill S. Bectoat, St. Louis City Hospital, and Miss Cheryl English, Physicians' Pathology Laboratory, Lincoln, Neb.

This is the third class to complete the six-month course approved by the American Medical Assn. Council on Schools. These students will take a national exam in March 1968 for certification as cytologists by the American Society of Clinical Pathologists.

Requirements for admission to the school include 60 college semester hours, 12 of which must be in biology.

The next class starts in September.

CYTOLOGY GRADUATES celebrate at a luncheon in the Tower Restaurant. Seated, left to right: Carol Alpert, Cheryl English, Barbara Quinn and Bill Bectoat. Standing: Dr. Nadya Konikov (left), assistant director of the school, and Mrs. Violet Piskie, C.T. (ASCP), teaching supervisor.

CHATTING with Dr. John Connors (right) is Marvin McCutcheon.

Karl A. Olson, from the Lamp. Vol. XXIII, No. 4, Norwegian-American Hospital, Chicago.
MESSANGER OF MONTH

TAKING PATIENT Edgar Cook to an x-ray appointment is Leta Forster, messenger of the month.

Mrs. Leta Forster, dispatch messenger No. 27, has been named "Escort Messenger of the Month."

Mrs. Forster has been at Barnes 5 1/2 months. She met her husband, Edward, at Barnes when she was employed in the dispatch department in 1962. At that time he was an employee in Central Service.

One of nine children, Mrs. Forster now has two children of her own — Craig, 4, and Scott, 2. She is a graduate of Thayer High School in Thayer, Mo.

Some of her favorite pastimes include roller skating and cooking. Leta is known for her bakery goods which she regularly brings to work for fellow employees to sample.

She was rated on the qualities of punctuality, reliability, appearance, patient interest, courtesy, attitude, improvement and productivity, by a panel of four.

A Word on That 'Infernal' Revenue

From IRS Office, St. Louis

John Henry Doe filed the following tax returns:

<table>
<thead>
<tr>
<th>Year</th>
<th>Taxpayer Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>1962</td>
<td>John Henry Doe, Jr.</td>
</tr>
<tr>
<td>1963</td>
<td>John H. Doe</td>
</tr>
<tr>
<td>1964</td>
<td>J. Henry Doe, Jr.</td>
</tr>
</tbody>
</table>

John is rather angry at "that . . . Infernal Revenue" because during 1966 he received a tax bill that should have gone to James H. Doe.

Internal Revenue Service taxpayer lists include millions of people named Smith, Johnson, Williams, Brown, Jones, Miller, etc. But even Atomic J. TxxxxZ cannot safely assume that he is the only taxpayer with that name. In fact, the oddity about an unusual name is that it seems to be the very kind of name most likely to have an exact duplication.

Variations in the way people use their names, plus a highly mobile population, further complicate identification. The only solution is your social security number.

But you haven't lost a name, you have gained a number. Your name gives you your personal identity and it will be just as important in automatic data processing as it ever was. The number is simply an insurance policy to protect your good name!

THE PATIENT QUESTIONNAIRE

(Shown above) is distributed to various nursing divisions once every two months. The co-operation of all employees is sought to encourage patients to fill them out. By learning patients’ opinions of hospital services, we can continue to improve patient care.

12 W. U. Senior Med Students to Intern at Barnes

It was a day of expectation. Seventy-six senior medical students headed for Clipton Auditorium. The hour was 10:30 a.m. on March 13. Dr. John C. Herweg, associate dean of Washington University School of Medicine, told the class: "In the next few minutes you will learn where you will be interns next year."

He announced that 28 in the class would intern at the hospital they had wanted as their first choice, 18 got their second choice, seven their third choice, and ten their fourth choice.

Trying not to look too eager, the students peacefully arose from their seats and quietly converged on the envelopes which were lined up alphabetically against the blackboard. A few under-the-breath comments were exchanged as they reached for their answers. Within two minutes everyone knew.

The hush became a hum which worked its way up to a calm roar, as the students began digesting and spreading the news. It was like turning up the volume of a hi-fi set.

There were little smiles which widened and there became laughs. Soon handshakes and pats on the shoulder were seen. Some students retired to corners of the room to reflect on the news in private. Others immediately shared their feelings with their classmates. A few wives, who were on hand, bestowed hugs and kisses on their husbands. Some students headed for the closest phone booths, Peter Brodito and Richard Shaw.

The students participated in the National Intern Matching Program along with thousands of other seniors from schools across the nation. The NIMP acts as a clearing agency in matching medical students with approved hospital internships according to the preference of both the student and the hospital.

DEEP CONCENTRATION during those first moments after the envelopes were torn open.

A traditional party was held that night at Olin Residence Hall. Of the graduating seniors, twelve will be interning at Barnes Hospital. In ward medicine — Douglas Alword, John Feagler and Michael Speeter; in private medicine — Ronald Bilchik, Alan Brodsky, Edward Eikman, Henry Massie and Thomas Riggs; in surgery — Johnny Bliiznak, John Boetto, Peter Brodito and Richard Shaw.
Richard Beauchamp, heart-lung technician, maintains and operates the Mayo-Gibbons pump during open heart surgery. The machine is used to pump blood through a patient's body while his heart undergoes surgery. Mr. Beauchamp also operates the Cooley pump, maintains the anesthesia gas machine equipment and orders supplies for the anesthesia department.

Mrs. Martha Ramsey, (center) forms control co-ordinator, discusses the design of a new disaster manual with Bob Nelson, administrative resident, and Mrs. Kathy McNamie, varitypist. Mrs. Ramsey is responsible for the design and revision of all hospital forms. She works closely with Barnes Print Shop and outside printers.

Mrs. Elsa Winter (left), service manager for the 10th floors of Rand Johnson and Queeny Tower, checks with Miss Carolyn Hazley, ward clerk, before ordering supplies for her nursing floors. It is her responsibility to co-ordinate the area's activities in the most economical manner with the end result of maintaining and improving patient care. Her duties relieve the nursing staff from a good deal of paperwork, allowing them more time to attend to patients.

Mrs. Vickie Bozniak, disease coding clerk in the medical records department, codes diagnoses and operations after they have been written in a patient's record by his physician. The coding, by number, of certain diagnoses provides a quick and accurate reference for doctors who want to consult old files when treating new patients or when doing research.

Mrs. Carrie Spinks, thermo-patch operator, works in Barnes' sewing room. She operates the thermo-patch machine which mends holes in operating room and patient bed linens. She inspects to make sure that all defects are mended. Mrs. Spinks, who has been at Barnes 28 years, also operates the marking machines used to identify hospital linens.
ON THE JOB AT BARNES HOSPITAL

What are their lines? They may sound quite unusual; names that even their best friends don't understand, something like "thermo patch operator" or "forms control co-ordinator." They might even sound like something from science fiction, such as "blood drawer" or "disease coding clerk."

But the people who work at these jobs are used to comments on their unorthodox job titles. They know that many jobs at Barnes are unique for a hospital and may not even be found in industry. Because of the hospital's size and complexity, they have been created to fill specific needs.

Competence and efficiency are two of the most sought-after attributes in a Barnes employee, in addition to the ability to work well with others and possess a willingness to learn. The persons pictured on these pages have vital roles in maintaining the smooth operation of the hospital. Often they are behind the scenes, but each one fulfills an important need at Barnes. It is not only the doctors and nurses who make a hospital a good one, but all of the auxiliary employees who capably and responsibly go about their jobs.

Barnes employs almost 3,000 persons. Some departments have more than 200 employees. The dietary department is staffed to prepare three meals daily for more than 1,000 patients, in addition to the thousands of meals served in the employee cafeteria to students and personnel.

The majority of jobs at Barnes are service-oriented, that is, tailored to make the patient as comfortable as possible. This is the employee's first and foremost concern.

COMMUNICATIONS CO-ORDINATOR

Clarence Bopp, communications co-ordinator, serves as liaison between the medical center and the telephone company. He consults with department heads about ordering equipment to fill their needs, and establishes and maintains adequate records to verify the monthly telephone bill. Here he directs the activities of the switchboard operators' team.
New Promotions, Appointments Are Made by Nursing Service

Miss Jean Jolly, a 1964 graduate of the Barnes Hospital School of Nursing, formerly assistant head nurse, has been promoted to the position of head nurse on 2200.

Miss Roberta Stock, a 1964 graduate of the Barnes Hospital School of Nursing, formerly assistant head nurse on 5 Renard has been promoted to head nurse in this area.

Miss Joan Michel, a 1961 graduate of Barnes Hospital School of Nursing, has been appointed assistant head nurse on 4 Wohl.

Miss Brenda Schubel, a 1961 graduate of Lutheran Hospital School of Nursing, has been appointed assistant head nurse on 9100.

LPN Graduates Come to Barnes

THREE LICENSED PRACTICAL NURSES who just completed nurses’ training have joined Barnes’ staff. All three did their practice nursing at the medical center and finished their training last month. Left to right: Anita Hammond, 2200; Minnie Hayes, 4 McMillian, and Doris Elliot, 10200.

Nursing Students Guests of Navy At Great Lakes

By Miss Caroline Dick, R.N.,
Instructor,
Barnes School of Nursing
Nursing students from Barnes, City and Lutheran Hospital schools of nursing were guests of the U.S. Navy Recruiting Office at Great Lakes Naval Base on March 3.

The young women were flown to the base in three private planes donated for the trip by McDonnell Aircraft and Monsanto.

Six senior nursing students from Barnes learned about the Navy’s nursing program and toured the base hospital. They had an opportunity to talk to some of the soldiers wounded in Vietnam who were hospitalized there.

Great Lakes graduates 1,000 recruits each week from basic training. Nursing students from throughout the U.S. toured the base facilities that day.

The Barnes students who attended were Carol Pate, Nancy Herzoff, Lois Pratt, Mary Pretnar, Barbara Huck and Betty Kuhlman. They were accompanied by Miss Caroline Dick, instructor.

Workshop Closes With Panel Discussion

Panel members answer questions of nursing staff who attended a week-long workshop on psychology and management. Left to right: Dr. Alan Krasnoff, Dr. Fred Thumin, Dr. George Witteried, Sister Marian Hosinski, S.S.M., and Dr. D. Carl Ober. Sister Marian is on the faculty at St. Louis University. The men are faculty members at the University of Missouri at St. Louis.

Focus on Nursing

Written by Nursing Service at Barnes Hospital

Barnes Sponsors Recruitment Booth At Operating Room Nurses Meeting

Nine nurses from Barnes Medical Center attended the Assn. of Operating Room Nurses Congress Feb. 19-24 in San Diego.

Barnes Hospital sponsored a recruitment booth each day from 11 a.m. to 5 p.m. The Barnes nurses served as hostesses, distributed literature about Barnes Hospital and Washington University and answered questions. The exhibit also served as a hospitality area where visitors were served coffee and given a chance to relax and chat.

The trip provided an educational opportunity for the Barnes nurses, who attended meetings each day. The keynote address was given by J. Eleanor Elliott, president of the American Nurses Association. Lectures on various aspects of operating room nursing were included in the program. A closed circuit television panel on “Legal Aspects of Nursing” which included audience participation was a highlight of the program. Many surgical companies sponsored exhibits, which included explanations and demonstrations of new hospital products.

Attending the convention were J. Treybal, S. Giachetto, M. Brocksmith and E. Corbett, (Barnes O.R.); M. Schwaegel and L. Russell (McM O.R.); B. Thomas (Staff Development); L. Bleile, (5200), and M. J. Wright (Assistant Director of Nursing).

BOUQUETS OF ROSES went to members of the Barnes Hospital nursing staff who co-ordinated four workshops held in February and March. The workshops were planned to keep head nurses, supervisors and instructors abreast of the newest developments in psychology and management. Here Mrs. Josephine Hackett (left), director of nursing, and Miss Ann Vose (center), assistant director, present roses to Miss Marcia Feldle, staff development.

Know Your Nursing Divisions

9200 RAND JOHNSON

Ninety-two Hundred (9200) is located on the ninth floor of Rand Johnson. It is one of the private medical divisions that is covered at all times by the House Staff. The capacity of 9200 is 31 patients with a variety of medical problems and diagnostic work-ups.

One very interesting facet of 9200 is the newly formed Respiratory Intensive Care Unit. This Unit houses four acutely ill patients, either medical or surgical, with respiratory problems. The most common patients are those who have had tracheotomy surgery (that is an operation in which an opening is made into the trachea through which a patient may breathe). By placing such a patient in the Intensive Care Unit he can be closely observed 24 hours a day.

The respiratory equipment, such as the Bennett, the Bird, the Emerson Respirators, are varied depending on the individual need of the patient. In addition to the nursing staff, the unit is frequented by physicians from anesthesia; ear, nose and throat; medicine; surgery; and inhalation therapy technicians.

Miss J. Davis is Head Nurse on 9200 and is assisted by R.N.s, LPN’s, nurse assistants, and secretaries. With the teamwork of the attending physicians, the medical house staff, and Nursing Staff, the patients receive total care.

(Continued on Page 7)
By Chaplain George A. Bowles

There are some qualities of life that do not measure very well. In fact, there are several, and it is for this reason that we need to create a set of standards of values to help us. One of these hard-to-measure qualities is SUCCESS.

The standard that is used by so many is that of money values. Who would be so unrealistic as to say that this is not a part of success? While this is a part of it, it is certainly not all of it. So many of us would not have much of a feeling of satisfaction if this were the only standard, but we can find and cultivate other standards that are available to most of us.

We must think of the work that is directed toward a worthy goal, and the board of directors of the Third District of the Missouri State Nurses Association. She was also reappointed to the finance committee of the association last month.

**Nursing Divisions**

The nursing staff of 9200 includes Head nurse, Miss J. Davis; staff nurses, Mrs. M. Daniels, Miss C. Ewald, Mrs. S. O’Toole, Mrs. M. Shaw, Mrs. M. Schneider, Miss B. Thompson; licensed practical nurses, Miss L. Hambel, Mrs. R. Hall, Mrs. D. Atkinson, Mrs. C. Bolden, Mrs. G. Freeman, Miss F. Hayes, Mrs. B. Johnson, Mrs. R. Woods; nurse assistants, Miss M. Antonowitsch, Mrs. E. Jackson, Mrs. N. Jones, Mrs. A. King, Mrs. J. Moody, Mrs. D. Randy, Mrs. L. Wilson, Mrs. E. Yates, Mrs. D. Young; ward clerks, Miss C. Allen, Mrs. R. Jenkins, Mrs. H. Riley.

**6 MATERNITY**

Having a capacity of 23 beds, the sixth floor of Maternity is a private post partum division with its own nursery. Occasionally, non-infectious gynecological patients are also admitted to this unit. Changes in the medical management of 6 Maternity during the last decade have redirected the emphasis and given new significance to the events throughout the baseball season.

The nursing staff on 6 Maternity includes: Head nurse, Miss J. Davis; staff nurses, Mrs. M. Daniels, Miss C. Ewald, Mrs. S. O’Toole, Mrs. M. Shaw, Mrs. M. Schneider, Miss B. Thompson; licensed practical nurses, Miss L. Hambel, Mrs. R. Hall, Mrs. D. Atkinson, Mrs. C. Bolden, Mrs. G. Freeman, Miss F. Hayes, Mrs. B. Johnson, Mrs. R. Woods; nurse assistants, Miss M. Antonowitsch, Mrs. E. Jackson, Mrs. N. Jones, Mrs. A. King, Mrs. J. Moody, Mrs. D. Randy, Mrs. L. Wilson, Mrs. E. Yates, Mrs. D. Young; ward clerks, Miss C. Allen, Mrs. R. Jenkins, Mrs. H. Riley.
Nurse Anesthetists Graduated

Three registered nurses were graduated last month from the Barnes Hospital School of Anesthesia. Mrs. Dean Hayden, director of the school, pinned the graduates at a dinner in the Tower dining room.

The graduates were: Miss Hope Barber, Mrs. Luz R. Flora and Miss Sue Ellen Wilson. Miss Barber, a native of Finger, Tenn., will become a staff anesthetist at Madison County General Hospital, Jackson, Tenn., April 10. Miss Wilson will work for a group of anesthesiologists in Mobile, Ala., her hometown, after April 10. Mrs. Flora, whose husband is on staff at St. Louis County Hospital, will remain in St. Louis. She is a native of the Philippines.

Class Goes On Via Phone While Professor Is Hospitalized

Mr. Marti was distressed when his health made it impossible to be present in the classroom. "I still was perfectly able to prepare and give the course if I could do so from my hospital bed," he explained. "First, we tried a tape recorder, which my son, Felix, brought over. But the tapes were not the same as a 'live' contact with the class. They couldn't ask questions. We tried asking for written questions, which I answered during the next session. But it lacked the spontaneity and the closer understanding of immediate interaction."

USPHS Grant

(Continued from Page 1)

He is striving to learn more about factors that cause muscle contraction and how these factors break down in such a manner to produce heart failure.

One of Dr. Smith's major aims is to render digitalis so it is visible when viewed through the electron microscope (which is one of the first major pieces of equipment to be ordered—an investment of about $43,000).

Studies on virus infection, presently being carried out by Dr. Smith and Dr. Carl G. Harford, professor of medicine and director of the division of infectious diseases, will be continued. They want to find out more about the responses of the heart to virus diseases, and the kinds of damage the viruses can do.

Philippines.

The post-graduate course for nurses includes clinical experience in the operating room as well as classroom instruction. This is the fourth class to complete the School's two-year program.

More than 700 nurse anesthetists have been graduated from Barnes since the program began in 1929.

DO WE HAVE YOUR NAME AND ADDRESS CORRECT?

1. Change name and address as shown below    □
2. Please remove name below from mailing list □
3. Receiving more than one copy (please return both address copies, indicating one to be removed) □

Anyone for Musical Chairs?

Recent moves which have brought some employees to say "We're playing musical chairs" are: Barnes Doctors' Office, from Rand-Johnson to Wohl Hospital lobby; Miss Nancy Craig's and Mrs. Martha Ramsey's offices, from just off the main lobby to ground floor of Rand-Johnson; barber shop to Miss Craig's old office, and switchboard expansion into the old barber shop area.

All of these moves make room for new construction as the medical center continues to expand. But it takes some of us time to swallow change. Miss Craig's mail was found on a workman's ladder in the middle of the new barber shop the week after she moved.

Surprise Shower for Bride-to-Be

A SURPRISE FOR THE BRIDE—Miss Jean Phillips (far left), R.N. on 3400 nursing division, was the guest of honor at a surprise shower given by the other personnel on the floor in March. Miss Phillips became the bride of Kennard Whitfield, a space engineering cartographer at McDonnell Aircraft, on April 1, in Kingston, Jamaica. Miss Phillips, who is a native of Jamaica, will return to her duties at Barnes after the honeymoon. Helping her enjoy her basket of gifts and a special cake are, left to right, Miss Phillips, Miss Judy Lofeff, head nurse; Dr. Phillip Hoffsten, resident in internal medicine; Mrs. Martha Lenoe, R.N.; Mrs. Eline Whalen, L.P.N.; Mrs. Theda Butler (seated); ward clerk, and Mrs. Sue Bartels, L.P.N.