

the



U. S. DEPARTMENT OF
HEALTH, EDUCATION, AND WELFARE

College of Cardiology Honoring Two NIH'ers And Three Grantees

Six medical scientists and a prominent editor have been designated recipients of 1978 honors to be presented by the American College of Cardiology at its annual scientific session in Anaheim, Calif., March 6-9.

Of the group of awardees, special lecturers, and Honorary Fellows, two are NIH'ers and three are NIH grantees.

Awardees Identified

Dr. Martin M. Cummings, Director of the National Library of Medicine, is receiving the 1978 Distinguished Service Award.

Dr. William C. Roberts, chief of the Pathology Branch, National Heart, Lung, and Blood Institute, is a recipient of the 1978 Gifted Teacher Award.

Dr. Charles Fisch, an NHLBI grantee, is receiving the 1978 Distinguished Fellow Award. Dr.



The designation of Honorary Fellow of Cardiology will be bestowed on Dr. Cummings, the Distinguished Service Awardee.

Fisch, a past president of the College, is Director of the Krannert Institute of Cardiology and Distinguished Professor of Medicine at Indiana University School of Medicine.

Dr. Bernard Lown, NHLBI and National Institute of Mental Health grantee, was chosen as the 1978 Opening Plenary Session Lecturer. Dr. Lown is professor of (See HONORS, Page 5)

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FILE COPY

Record

NATIONAL INSTITUTES OF HEALTH

DRR Aids South Carolina GCRC; Mass Spectrometry Lab Is National Resource



Jeanne Brunt, R.N., monitors blood pressure of a normal volunteer under study in the GCRC while Dr. Margolius, director of the center, observes.

Only through the study of human beings can the true nature of human disease be learned, ultimately leading to the prevention and cure of diseases afflicting mankind.

Realizing the importance of human research, the State of South Carolina provided funding in 1974 for the establishment of a General Clinical Research Center at the Medical University of South Carolina Hospital.

Because of its research and future promise (particularly in hypertension and related diseases), the GCRC has now been granted over \$1.5 million by the Division of Research Resources to fund the Center through 1980. This is the first time that NIH has taken over support of an ongoing project of this nature.

Dedication Speakers Named

At a dedication ceremony held Feb. 21 recognizing the NIH grant, speakers included:

- Dr. W. Marcus Newberry, dean of the College of Medicine, Dr. William H. Knisely, president, and Dr. Joseph Ross, professor and chairman, department of medicine, all of the Medical University of South Carolina;
- Dr. Thomas Bowery, DRR Director, and Dr. William DeCesare, chief, GCRC Branch, DRR, NIH;
- Dr. Albert Sjoerdsma, senior vice president and director, Merrell (See GCRC, Page 4)

Dr. John Moore Named NIEHS's Asso. Director For Research Resources

Dr. John A. Moore has been appointed associate director for Research Resources at the National Institute of Environmental Health Sciences. He has been serving in the post in an acting capacity since 1976.

Dr. Moore will be in charge of planning, developing, and conducting comprehensive research programs in inhalation toxicology, analytical biochemistry, microbiology, comparative pathology, and laboratory animal science and medicine.

Other Duties Noted

In addition, his office is responsible for the Institute's research contract program, providing the NIEHS scientific community with instrument design and development; all phases of research animal procurement and utilization; laboratory facility design, construction and maintenance; and tissue culture media and glassware supply.

Library facilities, art and photographic services, and employee safety also fall within his jurisdiction.

In addition to holding the position of associate director, Dr. Moore is chief of the Environmental Biology and Chemistry Branch at NIEHS, a position he has held since 1973.

Dr. Moore, whose personal research interests involve general toxicology, teratology, and laboratory medicine, received the DHEW Superior Service Award in 1975.

(See DR. MOORE, Page 3)

Bldg. 31 Health Unit Closes

The Health Unit in Bldg. 31, Room B2-B57, is closed for remodeling until further notice.

Employees who need routine health services should report to the Clinical Center Health Unit in Bldg. 10, Room B2-A06.

In the event of a medical emergency, the Occupational Medical Service suggests that employees dial 116, the Fire/First Aid/Ambulance Emergency telephone number.

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1978 Golfers Schedule: New Members Invited

The NIH Men's Golf Association, sponsored by R&W, invites all NIH'ers to join them in the 1978 season, which will consist of two segments. Trophies will be awarded for each segment.

The first segment will include seven stroke play outings. The second segment will be a double elimination tournament.

The tentative schedule and Country Club locations for stroke play are:

- April 4—Bretton Woods
- April 24—Brook Manor
- May 15—Montgomery
- June 8—Northampton
- June 26—Washingtonian National Course
- August 1—Greencastle

The tournament schedule has not yet been set.

Interested persons may call Ralph Stork, president (496-6893), or Russ Kulp, secretary (496-6248), for further information.

Gerard Souzay Sings March 12 In FAES Chamber Music Series

Gerard Souzay, the French baritone, will appear in the seventh concert of the 1977-78 Chamber Music Series sponsored by the Foundation for Advanced Education in the Sciences.

The program will include a Ravel song cycle, Chansons Madecasses, for voice, flute, cello, and piano.

The concert will be held on Sunday, March 12, at 4 p.m. in the Masur Auditorium.

Admission is by ticket only.

Workshop Will Be Held On Release of Contract Facts Under FOI Act

A workshop on release of contract information requested under the Freedom of Information Act will be held on Thursday, April 6, from 8:30 a.m. to noon, in Bldg. 31, Conference Room 7.

Meets Staff Needs

This half-day workshop is specifically designed to meet the needs of contract and procurement staff and project officers who respond to requests for information from contract files.

Emphasis will be on the application of FOI exemptions to contract information and the appropriate method of responding to requests from unsuccessful contractors.

For additional information, call Milt Tipperman, Training Assistance Branch, DPM, 496-2146.

Weekly Bridge Club Invites All To Join First Tournament

The NIH Bridge Club invites all interested players, novice and expert alike, to join a 6-week tournament which began March 1 and will end April 6.

Trophy Will Be Presented

This is the first American Contract Bridge League-sanctioned duplicate bridge tournament to be held by the R&W-sponsored club. A trophy will be presented at the conclusion of the tournament.

The NIH Bridge Club meets every Wednesday evening at 7:30 in the Bldg. 1 cafeteria.

Toastmasters Install Officers; Dr. Herman Honored



Dr. Herman (l) has served as president of the NIH Toastmasters Club this past year. L to r: Mr. Nottley installed the Club's new officers: Duncan Turnbull, sergeant at arms; Hazel Braxton, secretary; Joanne Ward, treasurer; Annie Litz, administrative vice president; and James Pomeroy, president and acting educational vice president.

On Feb. 1, Dr. Lloyd Herman received an Able Toastmaster Award—the second received by a member of the NIH Toastmaster Club—from David Nottley, area 13 governor of Toastmasters International. At the meeting new officers for the year were also installed.

The group meets every Friday at noon in Bldg. 31, Room B2-CO5. Visitors and new members are welcome.

DR. RALL

(Continued from Page 1)
toxicology, and drug research and regulation.

An Assistant Surgeon General in the U.S. Public Health Service, he has received the Public Health Service Meritorious Service Medal and the DHEW Distinguished Service Medal.

Dr. Rall serves on several national and international coordinating committees relating to various aspects of environmental health.

In his lecture, Dr. Rall will address some of the complex issues that are associated with environmental health research. He will discuss the methods by which man comes in contact with toxic compounds; the problems associated with trying to identify the levels of exposure at which these compounds produce toxicity; the sites within the human body at which certain toxins cause damage; the problem of developing quick and accurate tests for mutagenicity and carcinogenicity; and finally, the monitoring or regulation of compounds found to be harmful to the present or future generations of mankind.

This chapter is one of the oldest, largest, and most active within the national Society. It boasts over 400 members—physicians, biological scientists from colleges and universities in the Washington metropolitan area, Government research scientists, and researchers in a wide variety of disciplines.

For information on the Society and membership, contact Ms. Peggy Davison, 2923 North 26th St., Arlington, Va. 22207 (telephone, 703-525-7022).

Dial 496-4608 To Hear Tapes on Personnel Topics

As part of an experimental program, the Division of Personnel Management has prepared a series of short telephone tapes on personnel-related topics in order to communicate with more NIH employees.

These recordings will explain personnel policy, programs, and/or procedures on a 24-hour basis to employees who dial 496-4608.

Topics offered on dates indicated are:

Classification of Jobs—	March 6-10
Employee Appraisal and Performance Rating—	March 13-17
Freedom of Information Act —	March 20-24
Your Leave Benefits—	March 27-31
AWOL and LWOP—	April 3-17
Injured on the Job—	April 10-14

The list of tapes and dates offered will be posted on NIH bulletin boards.

Rockville Free Women's Clinic Seeks Doctor for Thursdays

The Rockville Free Clinic is seeking a doctor to work with paramedics on Thursday nights in the Women's Clinic, where routine gynecological care is provided free of charge.

This offers an excellent opportunity for a researcher who would like to spend a few hours a week doing clinical work.

Please call clinic administrator Ray Bullman at 340-9666.

DR. MOORE

(Continued from Page 1)

He has served on many national and international committees and working groups providing expertise on dibenzodioxins, halogenated aromatics, chlorinated hydrocarbons, dioxins, and chlorinated dibenzofurans.

Serves as Consultant

He is a diplomat of the American College of Laboratory Animal Medicine, and a consultant to the American Association for Accreditation of Laboratory Animal Care.

Dr. Moore also serves on the Subcommittee on Environmental Health for the US-Egypt Cooperative Medical Programs, and is a member of the Experimental Design Committee for NCI's Carcinogen Bioassay Program.

Dr. Moore received his D.V.M., M.S., and B.S. degrees from Michigan State University. He held instructorships and assistant professorships there before joining NIEHS in 1969 as chief of the Animal Sciences and Technology Branch.

He is currently a lecturer in laboratory animal medicine at the Bowman Gray School of Medicine at Wake Forest University, and an adjunct professor in the department of pathology at Duke University.

Is Alcohol a Problem to You?

Call 496-2738

Employee Assistance Program

Winning Hand.



Take stock in America.
Buy U.S. Savings Bonds.



Accepting the cash basket of cookbook proceeds are (l to r): Dr. Charlotte Berg and Miss Murphy of the Social Work Department. Cookbook compilers included: Anna B. Thompson, Mrs. Kahan, Lois Riley, and Cynthia Gaines, all of the NLM Quality Control Index Section.

Indexers at NLM Compile Cookbook; Proceeds Aid Patient Emergency Fund

The Patient Emergency Fund, established to help Clinical Center patients meet emergency personal expenses, was recently enriched by \$260 thanks to the efforts of the National Library of Medicine's Index Section.

Shirley Kahan and her fellow workers presented the cash in a basket to Barbara A. Murphy, chief of the CC Social Work Department.

A project began several months ago when Mrs. Kahan, who enjoys exchanging recipes, got the idea of putting together a cookbook made up of the favorite recipes of members of the Index Section.

She began the project—compiling, editing, and illustrating the cookbook—on her own time, even arranging to have it privately printed. Donations to the PEF were accepted for the 24-page booklet. News of the cookbook spread quickly by word of mouth.

Sold Out Quickly

Because the response was so enthusiastic, the cookbooks are all gone, but the PEF can still use additional help. For information, call Claire London at 496-2381.

FAES Aids Foreign Visitors; Donors or Borrowers May Call

The Foundation for Advanced Education in the Sciences is sponsoring a program to aid foreign visitors when they arrive at NIH. Furniture and household items have been purchased for temporary loan to visiting fellows or scientists to ease initial relocation problems.

Donations Are Deductible

FAES is also accepting donations of such items in good condition for this program. Donations are tax deductible.

To donate items or to arrange to borrow furnishings, call Nancy Cassity, 496-5272.

Edna S. McKenzie Dies; Secretary Well Known For Hospitality at FIC

Edna Savord McKenzie, a secretary at the Fogarty International Center since its establishment, died Feb. 1, 3 days after her retirement became effective.

She had been secretary to Dr. Morris T. Jones, chief of the Special Foreign Currency Programs Branch, for 11 years.

Joined NIH in 1966

Mrs. McKenzie came to the NIH Office of International Research in 1966. Her previous Government employment had been with the Veterans Administration, Internal Revenue Service, and the Federal Communications Commission, where she supervised a typing pool.

Born in Flambeau, Wis., she moved to Washington in 1930, and between Government jobs was employed as a legal secretary.

Aided Others

Dedicated to excellence, she searched continually for ways to improve office efficiency, and was frequently requested to instruct NIH staff members in international mailing procedures.

Mrs. McKenzie was well known to visitors from three continents for her gracious hospitality and her baking when Dr. Jones expected visitors.

She is survived by her husband, Alfred J., a daughter, Alexandra Smith, and seven grandchildren.

OMS Is Presenting a Film On Smoking: How to Stop

The Occupational Medical Service is showing a film entitled "Smoking: How to Stop," from March 14 to March 20.

The award-winning, 23-minute color movie, narrated by Lloyd Bridges, carries an encouraging message to the millions of smokers who would like to stop.

All NIH employees are invited. Those who smoke are especially urged to attend in order to implement HEW Secretary Joseph A. Califano, Jr.'s new policy on smoking.

The film will be presented at 11:30 a.m. and 12:15 p.m. on the dates indicated:

Tuesday, March 14, Bldg. 10, Masur Auditorium
Wednesday, March 15, Westwood Bldg., Room 428
Thursday, March 16, Federal Bldg., Room B-119
Monday, March 20, Bldg. 1, Wilson Hall

In 1976 the average age at retirement was 58.2 years with 25.2 years of service. The average monthly annuities were \$641 for retirees, \$462 for disability-annuitants, and \$238 for survivor annuitants.

Success Won't Spoil R&W Cookbook—Reprinted

The R&W Cookbook has gone into a second printing! The first printing sold out so rapidly that a second printing is now being sold in Recreation & Welfare Association stores, also for \$3.50.

Proceeds benefit the Clinical Center's Patient Emergency Fund.

Prints in Bldg. 35 Disappear: Two Stolen, Others Removed

What happened to the prints in the Bldg. 35 cafeteria?

The prints supplied by the Foundation for Advanced Education in the Sciences have been removed from that cafeteria after the theft of two of the prints over recent weekends.

Missing are: Zebra II, a woodcut by Jacques Hnizdovsky, and Composition in Brown and Green, an etching by Johnny Friedlander.

Information Sought

Persons with information concerning the missing prints may contact the FAES Office, Bldg. 10, Room B1-L-101 (496-5272).

In the meantime, the remaining graphics in that area have been removed until security can be improved, and Bldg. 35 cafeteria diners are left with bare walls.

USDA Spring Quarter Course Registration Is March 20-25

Registration for spring quarter courses at the U.S. Department of Agriculture Graduate School will be held March 20-25 in the USDA Patio, Independence Ave., between 12th and 14th Sts., S.W. (near the Metro Smithsonian Station).

For further information and a copy of the spring schedule of classes, call 447-4419.

If you would keep your secret from an enemy, tell it not to a friend.—Benjamin Franklin

GCRC

(Continued from Page 1)

Research, Merrell National Laboratories, Division of Richardson-Merrell, Inc.;

• Dr. Albert Sabin, distinguished research professor of biomedicine, Medical University of South Carolina.

Under the leadership of Dr. Thomas Gaffney, professor and chairman of the department of basic and clinical pharmacology, the GCRC provides an environment for clinical problem-solving by interdisciplinary groups of basic and clinical scientists.

The seven-bed GCRC inpatient facility is located in the Medical University Hospital. It is a self-contained unit, having its own kitchen for control of patient food intake and its own laboratory equipped to perform precise determinations on specimens from GCRC patients.

There is also a separate outpatient unit consisting of six examining rooms, a special procedures area, laboratory, and conference room. Both inpatient and outpatient facilities are available for use by qualified researchers whose projects are approved by the GCRC Advisory Committee and the Medical University Human Research Board.

Hypertension Major Interest

Dr. Harry Margolius, professor of pharmacology, associate professor of medicine, and director of the GCRC, says the center is conducting research on diseases affecting South Carolinians. Hypertension, a major interest of the center, is a disease with high incidence in the state.

Areas of study include the relation between certain body chemicals and blood pressure and new forms of treatment of hypertension.

An additional area of interest derives from an above average incidence of kidney and bladder stones in the Southeast. South

Helen Walter Ends a Notable Career; Pioneered on Behalf of NICHD Women

Helen Walter, chief of the Statistical Analysis Section, National Institute of Child Health and Human Development, recently retired after more than 21 years of Federal service, 13 of them at NICHD.

Ms. Walter's career here began as a supervisory statistical assistant in 1965.

Of her career NICHD Director Dr. Norman Kretchmer says, "The consistently high quality and dependability of data and reports produced by (your) section is testimony to the superiority of your supervision and guidance."

Another of Ms. Walter's contributions noted by Dr. Kretchmer was her ". . . effective service in behalf of NIH women through (her) post as NICHD delegate (to the NIH Advisory Women's Committee.)"

She was one of the organizers of the NICHD Women's Organization—the only Institute level women's group. As chairperson, she, along with the Executive Committee, obtained official status for the group so that all NIH employees could attend some of the group's self-help programs.

Most recently, she played a pivotal role in preparation of the forthcoming NICHD resource book titled *Escape Hatches*, which in-



Ms. Walter, who has been the recipient of numerous awards for her achievements, has also been honored by inclusion in "Who's Who in American Women, 1975-1977" and "Personalities in the South, 1977."

Carolina, along with two neighboring states make up the "stone belt."

Faculty members from the departments of biological and physical sciences and urology have utilized the GCRC facilities to conduct clinical research studies on this problem of local interest.

The GCRC is committed to the study of more effective and safer drugs as well as more effective use of the drugs already available according to Dr. Margolius. There is currently an emphasis on the study of drugs to lower blood pressure.

Activities of the GCRC are not limited to diseases of adults. Children with a congenital narrowing of the aorta (the great blood vessel connecting the heart with the rest of the body) have been brought from all parts of S.C. for the study of hypertension relating to the congenital disease.



Dr. Thomas Walle, associate professor of pharmacology, and Dr. Edward Conradi, assistant professor of pharmacology and medicine, monitor data being gathered from patient and normal volunteer blood samples in the GCRC's core mass spectroscopy facility.

Rolls on C.S. Retirement Show Survival Statistics

Civil Service retirement rolls show 219 centenarians were receiving annuities in 1976.

In that year the chances for retirees living past 100 were one in 10,000; for survivors of retirees 3 in 10,000; and for a disability-annuitant, 2 in 100,000.

Just under 2,000 retirees and disability and survivor-annuitants lived to be between 95 and 99.

cludes information for NICHD employees on job mobility.

At a recent National Advisory Child Health and Human Development Council meeting, she received an NIH Merit Award. Her efforts also earned her an EEO award in 1976.

Prior to joining NICHD, she earned a Meritorious Service Award with the War Department as well as a High Quality Performance Citation for her work at the National Science Foundation.

Although she denies any future plans for a second career, many NICHD employees who paid tribute to her at a farewell reception say they have their doubts.

At present she plans to travel and attend to some unfinished tasks.

ments of molecules in human tissues and fluids based on very small differences in molecular weights.

Known as the CLINSPEC project and funded by a DRR contract, the overall plan for the facility is designed to enable researchers to complete clinical studies faster, avoid the use of radioactive isotopes which have inherent risks, and allow the investigators to conduct experiments which heretofore could not be performed without the use of mass spectrometry—such as analyses of drugs in tissues and fluid.

Planners Make Selection

GCRC planners have also selected a second CLINSPEC mass spectrometry national resource at the Argonne National Laboratories in Illinois.

During the initial year of operation, it is expected that from 4-12 studies will be undertaken at each facility. GCRC investigators visiting the facility will receive training in the operation of the equipment, preparation of specimens and consultation on refinements and sophisticated techniques for analytical interpretation while working on short term projects.

The CLINSPEC will enable GCRC investigators, having acquired expertise in the use of mass spectrometry for specific drug analysis studies, to return to their respective clinical research centers throughout the country and then utilize available mass spectrometry laboratories not previously available for biomedical research.

Mass spectrometry is a method of separating molecules or frag-

NIH Visiting Scientists Program Participants

2/9—Dr. Roland Seif, Lebanon, Laboratory of Molecular Biology. Sponsor: Dr. Robert Martin, NIAMDD, Bg. 2, Rm. 218.

2/10—Dr. Yutaka Nishioka, Japan, Laboratory of Molecular Genetics. Sponsor: Dr. Philip Leder, NICHD, Bg. 6, Rm. 324.

2/12—Dr. Louise Lev, Israel, Investigational Drug Branch. Sponsor: Dr. Vincent Bono, NCI, Bg. 37, Rm. 6E20.

2/13—Dr. Robert Parker, United Kingdom, Laboratory of Chemical Pharmacology. Sponsor: Dr. Susan Sieber-Fabro, NCI, Bg. 37, Rm. 5A07.

2/15—Dr. Adrian P. Gee, United Kingdom, Laboratory of Immunology. Sponsor: Dr. Michael Boyle, NCI, Bg. 37, Rm. 2B17.

2/21—Dr. Rainer Schmid, Austria, Laboratory of Preclinical Pharmacology. Sponsor: Dr. Ermilio Costa, NIMH, WAW Bg., St. Elizabeths.

2/22—Dr. Francesco Bistoni, Italy, Tumor Immunology Section. Sponsor: Dr. Paul Chretien, NCI, Bg. 10, Rm. 10N206.

Charles Poole Retires From NIH Fire Dept.

Charles O. Poole retired from the NIH Fire Department on Feb. 28 after more than 23 years of service at NIH.

Mr. Poole, who began his NIH career in the Carpenter Shop, was one of the volunteer firefighters from the Shops Section before the



Mr. Poole has received several awards for suggestions to improve conditions in the NIH Fire Department.

present Fire Department was organized.

After transferring from the Carpenter Shop to the Fire Department, Mr. Poole became one of the drivers of the fire apparatus.

He has completed several general and advanced firefighter training courses through the Maryland Fire and Rescue Institute (formerly Fire Service Extension Department), University of Maryland.

Upon his retirement, Mr. Poole

Area Workshops Multiply Effectiveness Of National Medical Audiovisual Center



NMAC workshops throughout the country help faculty increase the effectiveness of instruction through new audiovisual methods and technology.

For the past 12 years the National Library of Medicine's National Medical Audiovisual Center has conducted a workshop/seminar training program at its facility in Atlanta, Ga. The goal of this program is to improve health care delivery by increasing the effectiveness of instruction and by integrating new technology into current health science educational programs.

New workshops are continually developed. Training activities currently offered are: development and evaluation of instructional materials, designing and utilizing simulation activities, teaching interpersonal skills, test construction, and designing learning spaces.

With increased interest in the NMAC workshops during the past few years, oversubscription has become a problem.

In response, NMAC's Educational Training and Consultation Branch has developed seven self-sustaining regional training centers in health science teaching institutions throughout the Nation:

University of Nebraska Medical Center; Ohio State University Medical Center; J. Hillis Miller Medical Center, University of Florida at Gainesville; School of Dentistry, University of North Carolina; School of Dentistry, Loma Linda University, California; School of Health Related Professions, State University of New York at Buffalo; Delta College School of Nursing, Saginaw, Mich.

The regional centers provide intramural training for local faculty, including faculty from other health science schools on campus, who are then able to train other faculty in each region through an outreach program.

When a workshop has been developed and proven effective at NMAC in Atlanta, it is released for a three-phase field evaluation in

plans to continue as a volunteer with the Rockville Fire Department, which he has served in many officer positions.

the regional training centers.

In phase one, a team of trainers from NMAC visits the field center with a "packaged" workshop including all necessary instructional materials—videotapes, films or slide/tape programs, and printed materials for participant use.

The host institution provides space, equipment, staff to assist, and faculty participants (trainees).

Most of the trainees have experience as instructional designers or media producers, and some will become trainers in future workshops.

During phase two, NMAC provides the "packaged" workshop materials, but only one staff member—a coordinator. This time, however, the workshop is actually conducted by one of the former participants.

The NMAC coordinator offers assistance or guidance as requested, and evaluates the performance of the trainers.

When the NMAC coordinator is satisfied that the field center is fully capable of conducting the workshop, phase three begins, with the field center assuming full responsibility for the workshop—space, trainers, equipment, and participants.

The process is repeated each time a field center requests a new workshop from NMAC.

To evaluate the efficacy of the program, participants are asked to make a commitment at the end of each workshop regarding their intent to use the information in developing curriculum-related teaching materials and to share with NMAC information regarding the result of their efforts.

Although the regional training center concept is still in the devel-

HONORS

(Continued from Page 1)

cardiology at Harvard University School of Public Health.

Dr. Earl H. Wood, NHLBI and DRR grantee, will be designated Honorary Fellow of the American College of Cardiology as well as Dr. Cummings. Dr. Wood is senior consultant to the Biodynamics Research Unit at the Mayo Medical School.

Other honors at the session will be awarded to Norman Cousins, editor of the *Saturday Review*, who will give the annual convocation lecture on March 8, and Dr. Rene G. Favaloro, head of the department of thoracic and cardiovascular surgery at the Guemes Foundation in Buenos Aires, designated as the Ninth Annual Louis F. Bishop Lecturer.

Some 13,500 registrants—including 7,000 physicians and surgeons—are expected to attend the 4-day session of the American College of Cardiology, which represents more than 8,500 cardiovascular scientists in its world-wide membership.



Dr. Roberts will receive the American College of Cardiology 1978 Gifted Teacher Award.

opmental stage, training has been provided to 420 health science faculty, and each center has completed phase three of the program. NMAC-sponsored training has tripled in recent years.

The "multiplier effect" of the regional training centers has also been observed at NMAC.

Extending the benefits of training has resulted in the introduction of a large number of instructional programs into the curricula of various schools, either as self-instructional units or in support of lecture and group instruction.

Three workshops are currently offered in regional training centers: development and evaluation of instructional materials, enhancement of instruction, and designing and utilizing simulation activities. Two new workshops will be introduced during the coming year: content analysis and interpersonal skills.

NHLBI Advisory Council Report Indicates Decline In Cardiovascular Deaths

The Fifth Report of the National Heart, Lung, and Blood Advisory Council, the Institute's primary advisory group, is now available.

The Report describes in non-technical language achievements and needs of biomedical research programs supported by NHLBI, which celebrates its thirtieth anniversary this year.

One major trend highlighted by the Report is the declining death rate from cardiovascular diseases—disorders of the heart and blood vessels.

Decrease Since 1950

The decline began 25 years ago and has accelerated in recent years. The total decrease from 1950 is 30 percent, a significant slowdown in the mortality rate for what has been for years, and still is, by far the number one cause of death in this country.

The Report concludes that "the last three decades of research and public education into the causes and prevention of heart attack and stroke, supported in significant part by the National Heart, Lung, and Blood Institute, are responsible for this decline in mortality."

The Report begins with a brief overview of Institute history and describes recent progress in the major areas of Institute responsibility—research in diseases of the heart, lungs, and blood, and in the utilization of blood and blood products.

Discusses Advisory System

It discusses the advisory system of the Institute—of which the Council is a part—as well as support for biomedical training and clinical trials.

The Report also presents the various means by which the results of biomedical research can reach practicing physicians and the general public to impact on American health and health care.

An example of Institute research and education is its efforts in high blood pressure (hypertension).

Twenty-three million Americans—almost one in five adults—have hypertension, which increases risk of heart attacks, stroke, and kidney problems.

Education Increases Awareness

The National High Blood Pressure Education Program, aimed at the public and the health professions, has increased awareness of the condition and promoted earlier detection and effective control, before complications develop.

Research in hypertension continues to improve methods of treatment, understanding of the cause(s) of the disease, and pre-

Final Rules Codify Peer Review System On Grants, Contracts

Final regulations governing scientific peer review of research grant applications and research and development contract projects to conduct biomedical and behavioral research were published in the *Federal Register* on Feb. 24, 1978.

The regulations codify the present system of review of grant applications under the Public Health Service Act administered by NIH and the Alcohol, Drug Abuse, and Mental Health Administration.

They further establish uniform rules for peer review of all research and development contract projects administered by the two agencies.

The regulations include rules regarding the composition of peer review groups and protection against conflicts of interest.

They also outline criteria for the review of grant applications.

These provisions also apply to research and development contract projects. However, in establishing the matters to be reviewed and the criteria to be employed, distinctions are drawn between solicited and unsolicited contract proposals.

For further information, contact NIH Deputy Director Dr. Thomas E. Malone, 496-1096.

Rosy Future.



**Take stock in America.
Buy U.S. Savings Bonds.**

venting its occurrence.

Single copies of the report are available from the Publications Section, Office of Information, National Heart, Lung, and Blood Institute, Bethesda, Md. 20014.

Value of History to Black Americans Is Stressed in Week Long Observance

Underscoring the tremendous value of history to Black Americans, the Honorable Maynard Jackson, Mayor of Atlanta, exhorted his listeners to make history serve as a guide as well as an inspiration in the struggle for freedoms to which they are entitled and still do not have.

The theme of NIH's week-long observance of Black history—initiated on Feb. 13 in the Masur Auditorium—was Roots: Achievements and Projections.

He was introduced by NIH Director Dr. Donald S. Fredrickson who cited Mayor Jackson's distinguished personal and public career and noted that he was "one of the youngest chief executives of a large American city, now beginning his second 4-year term at the ripe old age of 39."

Mayor Jackson spoke about the "concept of a useable past—that phrase implies that history makes a difference or ought to make a difference in the way we conduct our lives in the present and how we plan for the future."

"Knowledge of history is something that we need to guide us. History, therefore, is a lamp that can illuminate our move into the darkness of an uncertain future," he noted.

Describes Importance of History

He also discussed themes which he believes Alex Haley's *Roots* suggests. First, the tremendous value that history has for Black Americans, and second, that the Africans through their profound respect for their past were able to hold on to their dream of freedom, that they struggled to keep alive the truth that they believed would deliver them from bondage.

In conclusion, Mayor Jackson stressed the importance of studying history to understand why we must change, that we must not repeat what was wrong in the past, and why it is important for Black people in this country to be free and to free the oppressor as well.

The African Heritage Dancers and Drummers, who specialize in West African dances, also performed on the opening day.

Also, on the opening day, O. H. Laster, general and program chairperson for the Observance, saluted two employees—Alexander Davis, CC, and Kathleen Snowden, DRS—for their efforts and contributions to "the improvement of the quality of work life for many NIH employees."

At the one evening program on Feb. 14, a panel discussion on The Black Athlete was preceded by a Mini Gospel Concert by the Stars of Faith and the Gospel Messengers. Martin Wyatt, NBC TV-4 sports announcer, moderated the discussion.

On the panel were James Harris, San Diego Chargers quarterback; Larry Brown, former Washington Redskin running back; Elston How-

ard, New York Yankees coach; Willie Stewart, Eastern High School football coach; and Leo Miles, Howard University athletic director and NFL referee.

On Feb. 15, before NIH Deputy Director Dr. Thomas E. Malone introduced the Reverend Ralph David Abernathy, president emeritus of the Southern Christian Leadership Conference, Ms. Jane Pearman sang two spirituals, and the Baltimore Dance Theatre performed.

Dr. Malone spoke of Dr. Abernathy as "a person who walked with Martin Luther King in parallel, who stood with him, who counselled him throughout the entire civil rights movement and who is still carrying on the fight for freedom, the fight for total equality, and the fight for the uplifting of the human spirit."

"We have here part of history," Dr. Malone noted.

Reverend Abernathy said, "We must move forward with all deliberate speed—to enjoy all of the blessings of this land in our day, in our time, in our age."

He also commented that the movement must remain non-violent, but "we cannot be too complacent, too satisfied," and said we "must let the Nation know what we want and what we are going to have."

Again and again he returned to the theme that "we must be proud of our heritage, we must know who we are."

In a similar vein, Dr. Abernathy concluded, "Know who you are, believe in yourself, and know that you will survive. . . . The answer is in your hands."

Panel Discusses Action

The Bakke Case: Assault on Affirmative Action was the topic of a panel discussion on Feb. 16 with David Schoumacher, anchorman on ABC's channel 7, as moderator.

The panel included: Dr. Jesse Barber, president-elect of the National Medical Association and professor of neurology at Howard University; Meyer Eisenberg, attorney and chairman of the National Law Committee of the Anti-Defamation League of B'nai B'rith; Paul Brock, of the Institute for Study of Educational Policy, Howard University; Imani Kazaña, liaison for the National Washington-10 Defense Committee.

The Howard University Jazz Ensemble also performed that day.

The week of Black History Observance at NIH concluded on Feb. 17 with the appearance of Janelle Commissiong, Miss Universe for 1977, and a presentation by the Trinidad Steel Band.



Dr. William W. Lawrence Will Counsel Employees In New Post at NIEHS

Dr. William W. Lawrence has been appointed employee counselor for the National Institute of Environmental Health Sciences.

In this newly-established post, Dr. Lawrence will counsel employees who desire assistance in dealing with personal and work-related problems and/or situations that affect them as individuals and employees.

He will provide both individual and group counseling with regard to work related concerns, career decisions, personal growth, educational goals, and social concerns.

Dr. Lawrence comes to NIEHS



Dr. Lawrence has conducted several professional workshops and presented numerous papers in the area of counseling and education.

from North Carolina Agricultural and Technical State University in Greensboro, N.C., where he served as chairman of the department of educational psychology and guidance and as an associate professor in counselor-education.

Dr. Lawrence holds a Ph.D. degree in guidance and counseling from the University of North Carolina and a B.S. degree in chemistry and biology from North Carolina Central University.

Previously Held Science Posts Also

He did graduate work in science at NCCU and in the State of Washington, and has an M.S. degree in guidance and counseling from NCCU.

Before entering the field of counseling and guidance, Dr. Lawrence worked as a research assistant, an agricultural chemist, an analytical chemist, and a medical technologist.

In making the appointment, Dr. David P. Rall, NIEHS Director, said, "We are indeed fortunate to have someone with Dr. Lawrence's qualifications joining our staff. Employees now have one person in the Institute to whom they can turn in all confidence to discuss any particular problem they might have."

Dr. Judith Resnik, Former Staff Fellow In NINCDS Lab, Selected as Astronaut

Dr. Judith Resnik, former staff fellow of the NINCDS Laboratory of Neurophysiology, is one of 35 astronauts recently selected for the Space Shuttle flights scheduled to begin in the early 1980's. This first new group of astronauts since 1967 was chosen from among 8,079 applicants, including 1,544 women.

Six Specialists Are Women

Dr. Resnik will be one of the scientists, or "mission specialists," who will do experiments during the 7- to 30-day orbits in space 100 to 150 miles from the earth. Six of the 20 mission specialists are women; all 15 pilots are men.

After completing a 2-year training period that will begin this coming July at the Johnson Space Center in Houston, the astronauts will be eligible for the first flight. Their extensive flight training will cover instruction in orbiter systems, aircraft operation, and satellite deployment and retrieval.

Shuttle Programs Planned

In addition, the scientists will receive cross training in all fields of research to be done on board, including experiments in planetary science, astronomy, earth and solar observations, atmospheric science, space physics, materials science, and medical science.

The shuttle, which is about the size of a DC-9, will carry two pilots and one or two mission specialists,



To Dr. Resnik, the main appeal of serving as an astronaut is the opportunity to generalize in science.

who serve as a combination scientist and flight engineer.

The craft will be launched like a rocket, orbit the earth from 1 week to 30 days, then return to earth and land like a plane. The reusable shuttle can then be launched again, carrying a new crew.

Worked at NIH in 1974-77

Dr. Resnik, now a systems engineer for Xerox Corporation in El Segundo, Calif., was employed by NINCDS from 1974 to 1977.

Working with scientists in the Laboratory of Neurophysiology, Dr. Resnik helped develop a rapid scanning microspectrophotometer, an instrument to study visual pigment processes that may help in the future to elucidate the mechanisms of visual excitation, dark adaptation, and the effect of disease states on vision.

Dr. Resnik applied to NASA for the astronaut position in the fall of 1976. The aspect of adventure appealed to her, but most exciting was the opportunity the position afforded to generalize in science.

"Most research must be very limited in scope and very specialized," Dr. Resnik said, "but a multiple mission program like this involves a mixture of sciences and technologies. It requires extensive knowledge of several fields and the ability to look at things from many points of view."

Ranked Among 207 Finalists

When all the applications had been reviewed, Dr. Resnik was asked to report to Houston along with 207 others who had been selected to go on the next stage of the selection process—a week of physical examinations and interviews.

On a Monday morning in January 1978, as she was leaving for

Workshop Here Reviews Origins of Inbred Mice, Applications to Research

An awards ceremony, honoring the researchers who established and characterized so many of the strains of lab mice vital to today's biomedical research, opened the Workshop on the Origins of Inbred Mice held at NIH Feb. 14-16.

The awardees were Dr. Leonell C. Strong, head of the Strong Research Foundation; Dr. Clarence C. Little (deceased), former Director of the Jackson Laboratory; and Dr. Jacob Furth, Columbia University.

Also, Drs. Howard B. Andervont and Walter E. Heston, who have retired from NCI; and Drs. George D. Snell, Margaret C. Green, and Earl L. Green, all of the Jackson Laboratory.

Dr. Strong, the most senior of the awardees, presented a historical perspective which spanned the period from his early collaboration in 1919 with Dr. Little, the founder of the Jackson Laboratory, to the current inbred mouse research in tumor prevention by Dr. Strong, now age 84.



At the recent workshop, Dr. Strong referred to inbred mice as "living tools" and described genetics as "still a young science, but in terms of its power to illuminate biology, a young giant."

The remainder of the workshop considered current applications of inbred mice in genetic, immunologic, and cancer research.

It concluded with a review of the genetics of wild mice, those swarthy progenitors of lab mice, which Drs. Strong and Little caught on Long Island in the summer of 1919.

The workshop was sponsored by the National Institute of Allergy and Infectious Diseases, National Cancer Institute, Division of Research Services, and Cancer Research Institute, Inc.

work, Dr. Resnik received a call from NASA notifying her of acceptance into the program. Her reaction? "I called my family and a few friends, and then went to work."

DRG Reports May Workload

Approximately 9,116 competitive applications were processed for the May 1978 councils by the Division of Research Grants.

In addition, 3,164 non-competitive applications and 398 administrative supplements were processed during this period.