

The NIH Record

U.S. Department
of Health,
Education, and
Welfare

June 12
1979
Vol. XXXI
No. 12

National
Institutes
of
Health

Steroid Receptor Use in Breast Cancer Will Be Discussed at Consensus Seminar

A 3-day consensus development conference on Steroid Receptors in Breast Cancer will be held in the Masur Auditorium on June 27, 28, and 29, and is being sponsored by the National Cancer Institute and the Office for Medical Applications of Research, NIH.

The consensus meeting will bring together more than 50 experts from around the world to clarify the role of steroid hormone receptors in determining therapy for breast cancer and indicating prognosis.

The international group of participants, under the chairmanship of Dr. Eugene R. DeSombre of the University of Chicago, who is also chairman of NCI's Breast Cancer Task Force, will examine all facets of the question

of qualitative and quantitative presence of hormone receptors in breast cancer tissue.

The NIH consensus development conference series brings together research scientists, physicians, allied health care providers and others to assess the safety and efficacy of any medical technology in question.

Past research has indicated that about 40 percent of breast cancers have either estrogen or other steroid receptors and 60 to 70 percent of these tumors are responsive to therapy by manipulation of these hormones.

The comparative reliability of the various methods of tissue analysis for steroid receptors also will be discussed.

Viruses May Cause Some Juvenile Diabetes

Recovery of a coxsackievirus from the pancreas of a child who died with acute-onset diabetes, and the induction of diabetes in mice with this virus adds support to the theory that some cases of juvenile-onset diabetes may be caused by viruses, according to scientists of the National Institute of Dental Research and the National Naval Medical Center. Their report appeared in the May 24 issue of the *New England Journal of Medicine*.

The journal's editorial stated that the new findings come close to fulfilling Koch's postulates for experimental proof "that an organism causes a disease." His postulates require that the "agent must be observed in patients with the disease; it must be isolated and grown in culture; the agent must, when inoculated into a susceptible animal, repro-

duce the disease; and finally, it must be recovered from that diseased animal."

The research report by Drs. Ji-Won Yoon, Takashi Onodera, and Abner Louis Notkins of NIDR, and Marshall Austin of NNCM in Bethesda, is the first documented instance of the recovery of a virus from the pancreas of a patient with juvenile diabetes.

Since the turn of the century, physicians have suggested that viruses might be one of the causes of juvenile diabetes (a different disease from adult-onset diabetes), but solid proof has never been obtained. According to this theory, viruses produce diabetes by infecting and destroying the beta cells of the pancreas.

Last year, Dr. Notkins and his colleagues reported that variants of two viruses that are present in the human population could produce diabetes-like syndromes in mice by infecting and destroying pancreatic beta cells. One of these viruses, reo type 3, is found in the respiratory and digestive tracts, but is not thought to produce serious disease.

The other, coxsackie B4, causes a variety of illnesses including cold-like symptoms.

(See *DIABETES*, Page 10)

Prof. Elsen Will Share His Expertise on Rodin At NIH Lecture Tomorrow

Prof. Albert Elsen will present the NIH Lecture on the artist, Rodin, tomorrow (June 13) at 8:15 p.m. in the Masur Auditorium.

His lecture is entitled *In Rodin's Studio: The Sculptor and Photographers*.

Professor Elsen, a leading scholar on Rodin's work, is a Walter A. Hass Professor of art history at Stanford University.

A "ritsurei" or standing bow is given by a student to Dr. Malone prior to their pairing off on an exercise. (See Page 3.)

DIRECTOR'S AWARDS

NIH Employees To Be Honored

Dr. Donald S. Fredrickson, NIH Director, will recognize the outstanding accomplishments of various staff members at the 11th Annual NIH Honor Awards Ceremony on Monday, June 18, at 1:45 p.m. in the Masur Auditorium.

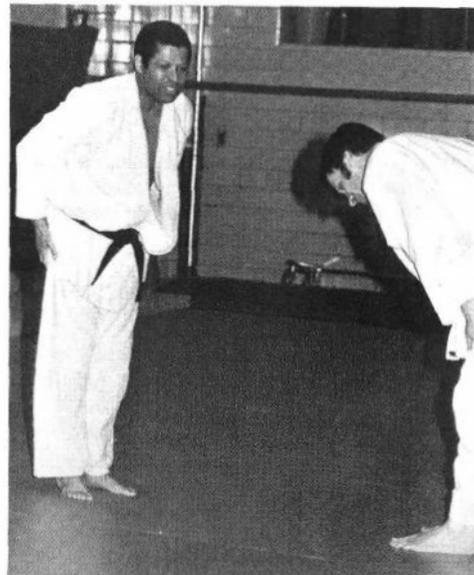
The NIH Director's Award will be presented to 41 Civil Service employees, 2 former NIH staff members, and 1 HEW employee, and the PHS Commendation Medal will be presented to 26 Commissioned Officers.

The NIH-EEO Award of the Year, the Harvey L. Bullock, Jr. Award for Equal Opportunity Achievements, and 40-Year Length-of-Service Awards also will be presented.

Dr. Fredrickson, assisted by B/I/D Directors, will present the awards, and Dr. William F. Raub, NIH Associate Director for Extramural Research and Training, will serve as master of ceremonies and read the award citations. Dr. Philip Handler, President of the National Academy of Sciences, will deliver the keynote address.

Music will be provided by the U.S. Air Force Ceremonial Band. All NIH employees are invited to attend the ceremony which will last approximately 1 hour and 30 minutes.

(See Pages 4-8)



The NIH Record

Published biweekly at Bethesda, Md., by the Editorial Operations Branch, Division of Public Information, for the information of employees of the National Institutes of Health, Department of Health, Education, and Welfare, and circulated by request to writers and to researchers in biomedical and related fields. The content is reprintable without permission. Pictures are available on request.

The NIH Record reserves the right to make corrections, changes, or deletions in submitted copy in conformity with the policies of the paper and HEW.

NIH Record Office
Bldg. 31, Room 2B-03, Phone 496-2125

Editor
Frances W. Davis
Staff Writer
William B. Reinckens

Staff Correspondents
ADA, Judy Fouche; CC, Susan Gerhold; DCRT, Mary Hodges; DRG, Sue Meadows; DRR, Barbara Menick; DRS, Arthur F. Moore; FIC, George Presson; NCI, Dr. Robert M. Hadsell; NEI, Marsha Corbett; NHLBI, Bill Sanders; NIA, Ann Diefenbach; NIAID, Jeanne Winnick; NIAMDD, Diane Naedel; NICHD, Tina McIntosh; NIDR, Sally Wilberding; NIEHS, Hugh J. Lee; NIGMS, Wanda Wardell; NIMH, Betty Zubovic; NINCDS, Doris Parker; NLM, Roger L. Gilkeson.

June 25 Nomination Deadline For G.A. Seminar Series

June 25 is the deadline date for B/I/D Directors' nominations for the 1979-80 Grants Associates seminar series. These weekly seminars, beginning in September 1979, will cover a variety of topics related to extramural programs.

Directors are now being asked to nominate *no more than four* candidates for the seminar series rather than the previously announced two.

Interested staff members should send their CV's through their immediate supervisors to their respective B/I/D Directors, who are requested to forward the CV's with a memo of endorsement to A. Robert Polcari, executive secretary of the Grants Associates Program, Bldg. 31, Rm. 1A-10.

Dr. William F. Raub, Associate Director for Extramural Research, NIH, will make the final selection.

Baltimore-Bethesda Bus Makes Trial Run

A 41-seat passenger bus is now running from Baltimore to NIH, Bethesda, Monday through Friday, for a 2-week trial period through June 15.

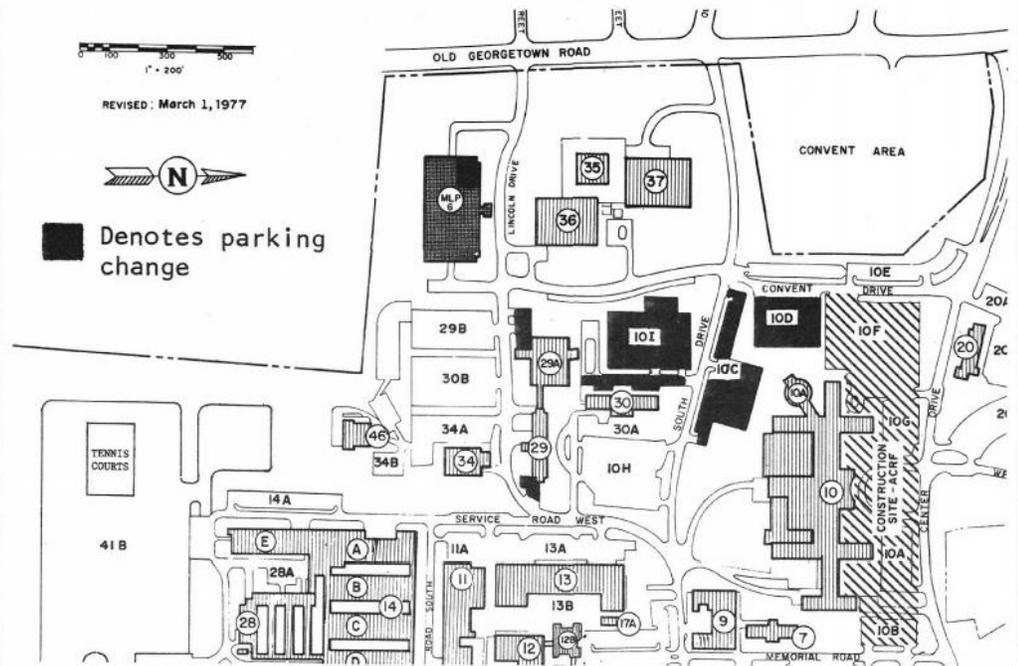
Arrangements for the bus, which arrives at NIH before 8:30 a.m., have been made by a group of NIH employees. For more details, call Shirley Gregg, 496-4506.

Joint Blood Donor Drive To Be Held June 21 in Westwood Building

The Clinical Center Blood Bank and the Montgomery County Chapter of the American Red Cross will hold a joint summer blood drive on Thursday, June 21, at the Westwood Building, 5333 Westbard Ave., Bethesda. Donors are asked to drop by Conf. Rm. D from 9:30 a.m. to 3:15 p.m.

Help out Clinical Center patients and the Washington Metropolitan area. Call the CC Blood Bank, 496-1048, for an appointment.

Some Major Parking Changes Effective June 18



This drawing indicates the NIH area where parking changes will be effected. The Ambulatory Care Research Facility Parking Garage is located off Convent Drive where 10-F is shown.

A major parking change will take place, effective next Monday (June 18), in the Ambulatory Care Research Facility Parking Garage (ACRF), B-1 level; the Multilevel Parking Garage 6 (MLP-6), 3rd level, north side; and the parking areas serving Bldgs. 10, 30, and 29A:

- All reserved parking now in lot 10-C will be relocated to the ACRF garage, B-1 level. This includes all preferential, director, CC volunteer, CC special, and consultant parking spaces.
- In the ACRF garage, B-1 level, 116 parking spaces will be reserved for vehicles bearing red parking permits (red decals).
- Also, 100 parking spaces will be reserved in the ACRF garage, B-1 level, for vehicles

bearing general employee parking permits (blue decals). The entire B-2 level (300 spaces) will remain reserved for general employee parking.

- All of lot 10-I which is presently reserved for red parking permits will be reserved for general employee parking (blue decals).
- Parking areas now reserved for general employee parking which will be reserved for red parking permits are: Bldg. 29A, rear, 11 spaces; Bldg. 30, front, 19 spaces; Bldg. 29, east stairwell, 6 spaces; and MLP-6, 3rd level, north side, 50 spaces.
- All of lots 10-C and 10-D will be reserved for outpatient parking.

Brazilian Guitarist Plays Hispanic Works

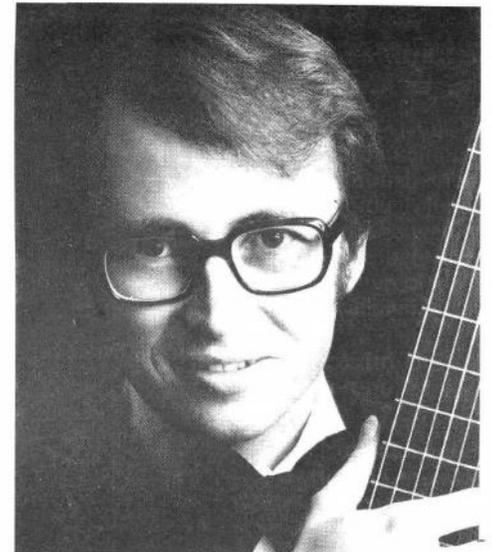
A guitar concert will be given by Brazilian virtuoso Carlos Barbosa-Lima at the Masur Auditorium on Tuesday, June 19, from noon to 1 p.m.

This 1-hour program will feature music composed by South American composers and is being sponsored by the Hispanic-American Cultural Committee.

Mr. Barbosa-Lima was a student of Spain's legendary Andres Segovia and Uruguayan guitarist Isaias Savio. He has been praised as being "gifted by the goddess of music" by Maestro Segovia.

Since his first U.S. tour in 1967, he has toured with major American orchestras and for 3 years was visiting professor and head of the guitar program at Carnegie-Mellon University. He began studying the guitar at 7 years of age and gave his first concert debut when he was 12 in São Paulo, where he was born.

This month he will be the first guitarist and



Carlos Barbosa-Lima is a former student of Segovia.

will be featured as a guest soloist in the Casals Festival in Puerto Rico.

Judo Classes Attract 'Players' For Different Reasons

Judo to the uninitiated may appear to be nothing more than a grappling tug-of-war between two intent contestants across a mat on a gymnasium floor. However, to those who practice the "gentle way" it is more than a push-and-pull exercise. It is calculated quickness that involves the interaction of mind and body.

Last month, the NIH Judo Club embarked on establishing its second basic beginner's course. They hope to eventually develop a true "kodokan" or school of judo with a coterie of well-trained "judoka" or students.

The club's "sensi" or teacher, is Dr. Thomas E. Malone, NIH Deputy Director. He holds a second degree Nidan black belt and is the prime mover in communicating the value of judo here. For the past 15 years, Dr. Malone has studied and taught judo, both in the U.S. and abroad.

A "ritsurei" or ceremonial standing bow is exchanged between players before the beginning of each exercise. Dr. Malone, like judo's founder Dr. Jigoro Kano, who in 1882 opened his Tokyo study center, repeatedly reminds his straining white belt beginning students that the goal of judo is to attain maximum efficiency with minimum effort for each hold or throw they attempt. Periodically, the club's students are tested to see if they are ready to advance to the next degree of belt.

"Judo appeals to all ages," said Dr. Malone about the students in his classes. "It's a sport that you have to put your heart and soul into." Dr. Malone became interested in judo when his then 8-year-old son, Tom, Jr., started taking lessons.

"It's a sport that allows a person to perform in a totally physical way," and requires the individual to use "his mind" to think through any of the 40 different major judo throws and grappling techniques, Dr. Malone noted.

He sees a growing interest in judo for "medical reasons." He finds judo to be a "great way to relax," and feels that it is therapeutic in helping to relieve tensions that may build up in a person after spending a full day of work behind a desk.

In April, several beginning class members competed in the Third Annual Laurel Invitational Judo Tournament. Among the competitors were Eric Fredrickson, Rajen Koshy, Bill Miller, Mike Schulte, and Robert White. Three additional members of the class distinguished themselves by winning trophies.

In the white belt division, Ann Marie Morgan won first place in the lightweight female division; Carlton Coleman took second place in the men's light middleweight division; and Mark Dantzler won second place in the men's light heavyweight brown belt division. Mr. Dantzler was recently examined for and promoted to the highest brown belt rank or "Ikkyu."

One of the club's new "judoka" or players is Carlton Coleman, a Clinical Center medical technologist. Mr. Coleman is new to the subtleties of judo but not to the oriental martial arts. He holds a Tae Kwon Do karate black belt. "Judo is more controlled and

quicker," says Mr. Coleman about his new interest and feels that it offers "more body contact than karate."

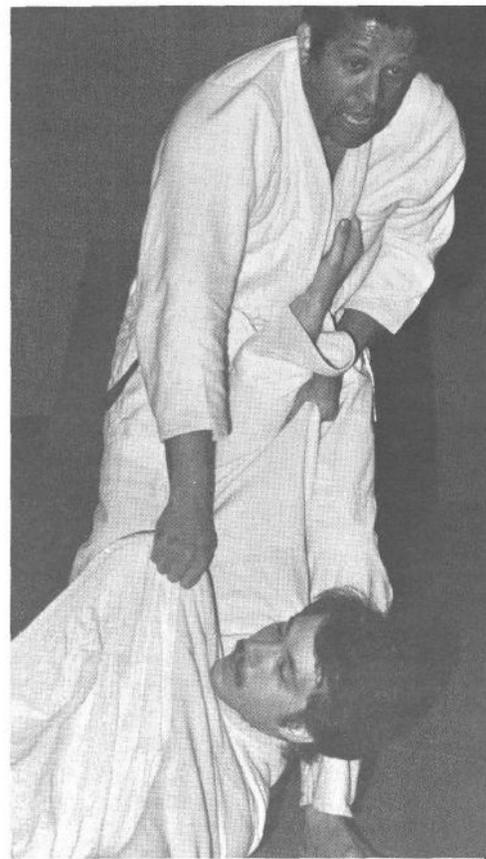
Not all beginning judo enthusiasts are like Mr. Coleman and possess a black belt. Most of the beginners are like Dick Jackson, Upward Mobility College's project officer. He said that he got interested in judo because he enjoys vigorous physical exercise and mental discipline that judo offers. He considers Dr. Malone's warmup exercises to be "more rigorous" than those he went through at the Army's military police school.

Throughout each class, Dr. Malone is assisted by Dianne Moore, a first degree Shodan black belt, and Taffy Harrison, a second degree brown belt. Ms. Moore, Stone Ridge's physical education teacher, has been involved in judo for 10 years. She took it up for "fun" even though she admits that she has been hurt while practicing the sport. She likes the strategic planning that a player has always got to be involved with if one "is going to win at judo."

Originally, Mrs. Harrison was introduced to judo by her twin sister, who is also a brown belt. She says—as she prepares to practice throwing a 180-pound opponent over her shoulder—"I do it for fun, exercise, and mental discipline."

Each player has the opportunity to practice what they have learned during what is called "randori" or "free practice." Throughout the exercise, Dr. Malone reminds his students to "make your body fit the throw."

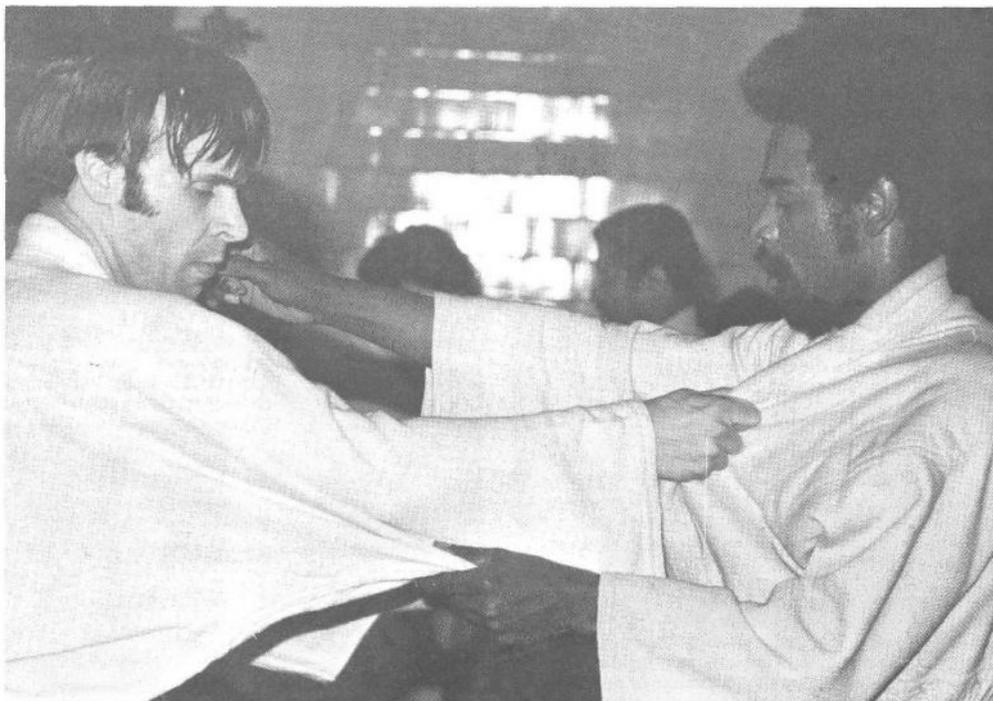
At the end of each lesson players and instructors face each other in a "zarei" or kneeling position, and bow their heads in mutual respect and appreciation for allowing each other to be used to improve the other's judo technique.



Dr. Malone completes an over-the-shoulder throw.

Anyone interested in trying either judo or karate can find instruction with the NIH Judo Club. Every Monday from 6 to 7 p.m., karate instruction is given by Dr. French Anderson, chief of NHLBI's Laboratory of Molecular Hematology.

Beginning judo lessons are given on Tuesdays from 6 to 7:30 p.m. and run for 12 lessons. All classes are held in the "old gym" at the Stone Ridge School, adjacent to NIH.



Advance students Ken Thibodeau (l) and Carlton Coleman are intent about their grappling techniques.

NIH DIRECTOR'S AWARDS



Ms. Davis



Mr. Ducker



Dr. Griffo



Mr. Holliday



Dr. Perpich



Dr. Schneyer

OFFICE OF THE DIRECTOR

HONORS

Frances W. Davis, Editor, NIH Record, Office of Communications—"For exceptional dedication, judgment, leadership and innovation as Editor of the NIH Record for more than a decade."

Otis Ducker, Director, Division of Administrative Services, OA—"For unusual foresight, expertise and leadership in directing the diverse activities of the Division of Administrative Services which are vital to the research mission of the NIH."

Dr. Zora J. Griffo, special programs officer, Office of the Associate Director for Extramural Research and Training, NIH—"For exceptional leadership in facilitating the development of NIH research awards for members of racial and ethnic minority groups, women and other socially disadvantaged individuals."

R. Ross Holliday, Director, Division of Engineering Services, OA—"In recognition of many years of exceptional dedication and exemplary technical and managerial capabilities in administering the diverse activities of the Division of Engineering Services."

Dr. Joseph G. Perpich, Associate Director for Program Planning and Evaluation—"Whose personal skills, training and experience in medicine, the law, and the political process have been invaluable in the development of procedures to promote understanding between science and the public it serves."

Dr. Solomon Schneyer, Director, Division of Program Analysis, OPPE—"For thoughtful analyses of the useful scope of formal planning at NIH, and able advice to the Director, NIH, on difficult program issues, including research training."

NATIONAL CANCER INSTITUTE

Leo F. Buscher, Jr., grants management officer, Grants Administration Branch, DCRR—"For exceptional leadership, unusual administrative skill, and unlimited energy in developing and maintaining excellence in grants management during a period of rapid growth and accelerated complexity."

Dr. Susan Gottesman, research chemist, Laboratory of Molecular Biology, DCBD—"For diligent service on the NIH Recombinant DNA Advisory Committee and for invaluable assistance to the NIH Director in revising the NIH Recombinant DNA Guidelines."

Dr. Richard A. Griesemer, associate director for Carcinogenesis Testing Program, DCCP—"For his formulation, direction, and implementation of plans to complete testing on 207 chemicals backlogged from 1976 . . . this data presents information to agencies responsible for regulatory decisions."

Dr. Robert M. Hadsell, head, Reports Section, Reports and Inquiries Branch, OCC—"For indispensable and unwavering leadership in assuring accurate and responsible reporting of the scientific and programmatic activities of the National Cancer Institute."



Mr. Buscher



Dr. Gottesman



Dr. Griesemer



Dr. Hadsell



Mr. Kearns



Dr. Klee



Mr. Namovicz



Dr. Sloan



Dr. Reid

Thomas L. Kearns, administrative officer, Administrative Services Branch, OAM—"For his exceptional ability to anticipate and work out creative solutions to NCI-wide administrative problems."

Dr. Claude B. Klee, research chemist, Laboratory of Biochemistry, DCBD—"In recognition of rigorous and fruitful contributions elucidating complex interactions between proteins that control important physiological processes in the brain."

Robert M. Namovicz, deputy executive officer, Office of Administrative Management—"For major contributions in improving the organizational structure of the National Cancer Institute and for valued assistance in initiating the National Toxicology Program."

Dr. Joseph F. Saunders, deputy director, Office of International Affairs, OD—"In recognition of his superb administrative skill and performance in managing the USA-USSR Cooperative Scientific Collaborative Program in Cancer."

Dr. Margaret H. Sloan, special assistant for liaison, DCCR—"For activities in the areas of state-of-the-art definition and consensus development, including the preparation of educational programs and materials for physicians ready for implementation."

NATIONAL HEART, LUNG, AND BLOOD INSTITUTE

Juanita P. Cooke, chief, Office of Special Concerns, OD—"For her continued efforts in advancing the opportunities of minorities and women."



Dr. Saunders



Ms. Cooke



Dr. Rifkind

Dr. Clarice D. Reid, chief, Sickle Cell Disease Branch, Division of Blood Diseases and Resources—"For her sustained record of accomplishment of the mission of the NHLBI and indispensable role in developing the programs of the Sickle Cell Disease Branch."

Dr. Basil M. Rifkind, chief, Lipid Metabolism Branch, Division of Heart and Vascular Diseases—"For his innovative, aggressive and enlightened leadership in the development and implementation of the National Lipid Research Clinics Program."

Dr. Bitten Stripp, chief, Structure and Function Branch, Division of Lung Diseases—"For effective, dedicated management of programs to stimulate fundamental research on lung structure, function and development, and to improve the management of neonatal respiratory distress syndrome."

NATIONAL LIBRARY OF MEDICINE

Joseph W. Hutchins, computer systems analyst, Office of Computer and Communications Systems—"For software development in the MEDLARS System that has substantially improved NLM's processing of technical literature."

NATIONAL INSTITUTE OF ENVIRONMENTAL HEALTH SCIENCES

Dr. James D. McKinney, chief, Environmental Chemistry Branch, Research Resources Program—"For superior leadership in developing a nationally recognized environmental chemistry program, and research on assessing chemical structure as a predictive means of defining toxic effects."



Dr. Stripp

Mr. Hutchins



Dr. McKinney



Dr. Allen



Dr. Piver



Dr. Munoz



Dr. Nutter



Ms. Ley



Mr. Cyphers



Dr. Tyeryar



Dr. Burton



Dr. Bosma

NATIONAL INSTITUTE OF NEUROLOGICAL AND COMMUNICATIVE DISORDERS AND STROKE

Anita C. Ley, microbiologist, Section on Immunochimistry and Clinical Investigations, Infectious Diseases Branch—"For excellence in immunological research on infections which damage the central nervous system."

NATIONAL INSTITUTE OF ARTHRITIS, METABOLISM, AND DIGESTIVE DISEASES

Dr. Benjamin T. Burton, associate director for Program Analysis and Scientific Communications—"For leadership in the initiation and direction of the Artificial Kidney, Chronic Uremia Program, NIAMDD."

Donald F. Cyphers, financial management officer, Office of Administrative Management—"For unusual talent and resourcefulness in leading the financial management operations of the NIAMDD."



Dr. Berendes



Mr. Clark



Ms. Notopoulos



Mr. Bynum

NATIONAL INSTITUTE OF ALLERGY AND INFECTIOUS DISEASES

Dr. William P. Allen, Virology Program officer, Microbiology and Infectious Diseases Program—"For exceptional leadership ability in coordinating the complex state-of-the-art review of virology and preparation of a six-volume report."

Dr. John J. Munoz, head, Allergy and Immunology Section, Rocky Mountain Laboratory—"For exemplary research on the immunobiology of components of Bordetella pertussis and for his contributions toward the development of an improved vaccine against whooping cough."

Dr. John E. Nutter, chief, Office of Special Research Facilities—"For administrative skills in planning and managing NIAID's P4 facilities for recombinant DNA research and for initiating and overseeing a complex program of risk assessment and containment."

Dr. Franklin J. Tyeryar, research microbiologist, Microbiology and Infectious Diseases Program—"In recognition of his outstanding leadership, initiative, and judgment in coordinating epidemiologic and vaccine evaluation studies to prevent and control hepatitis."



Dr. Gardner



Dr. Ballintine

(Continued on Page 6)



Dr. Eichhorn



Mr. Presson



Dr. Quinn



Dr. Friedman



Mr. Lamson



Dr. Gonzales

NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCES

Elward Bynum, director, Minority Access to Research Careers Program—"For contributions to the planning, organization, and administration of the Minority Access to Research Careers Program."

Dr. Sara A. Gardner, acting director, Pharmacology-Toxicology Program—"For role in providing creative leadership to the NIGMS Pharmacology-Toxicology Program and contributions to the NIH Staff Training Extramural Program (STEP) Committee."



Dr. Deisseroth



Dr. Harris

NATIONAL EYE INSTITUTE

Dr. Elmer J. Ballintine, clinical director, Intramural Research Program—"For making a listing contribution through his staunch advocacy of applying modern clinical trial methods to the solution of important eye problems."



Dr. Henney



Dr. Jaffe

NATIONAL INSTITUTE ON AGING

Dr. Gunther L. Eichhorn, chief, Laboratory of Cellular and Molecular Biology, Gerontology Research Center—"For consummate skills as a research chemist and his continuing contributions to understanding of the interactions of metal ions with molecules of biological importance."



Dr. Kisner



Mr. Kleinman



Dr. O'Donnell



Mr. Riseberg

NATIONAL INSTITUTE OF DENTAL RESEARCH

Dr. James F. Bosma, chief, Oral Pharyngeal Development Section, Clinical Investigations Branch—"For contributions in the functioning significance of morphological and sensory characteristics in development of the oral and pharyngeal region."



Mr. Harrison



Dr. Darby

NATIONAL INSTITUTE OF CHILD HEALTH AND HUMAN DEVELOPMENT

Dr. Heinz W. Berendes, chief, Contraceptive Evaluation Branch, Center for Population Research—"For scientific skill and administrative talent in directing the world's only scientific program devoted to evaluating the medical effects of contraceptives in use."

Donald E. Clark, chief, Office of Grants and Contracts—"For leadership and direction of NICHD grant and contract management operations which received excellent ratings from two major audits within the past year."

Janyce E. Notopoulos, program analyst, Office of Planning and Evaluation—"For leadership and creativity in development of NICHD research initiatives on the prevention of disease and disability."



Dr. Bachur



Dr. Boyd

FOGARTY INTERNATIONAL CENTER

George E. Presson (retired), former executive officer—"For successful role in the design and development of managerial policy and procedures necessary to implement the programs of the Fogarty International Center."

Dr. Joseph R. Quinn, deputy director—"For effectiveness in providing advice and assistance on NIH's international activities, improving a knowledge of, and promoting cooperative relations with other countries."

DIVISION OF RESEARCH GRANTS

Dr. Mischa E. Friedman, supervisory health scientist administrator, Scientific Review Branch—"For demonstrating excellent leadership and managerial capabilities while assistant chief, Clinical Sciences Review, Scientific Review Branch, Division of Research Grants."

Glenn G. Lamson (retired), former health scientist administrator (Social Sciences), Scientific Review Branch—"For extraordinary service as Executive Secretary of the Epidemiology and Disease Control Study Section of the Division of Research Grants."

DIVISION OF RESEARCH RESOURCES

Dr. Ciriaco Q. Gonzales, director, Minority Biomedical Support Program—"For vigorous leadership of NIH's major extramural effort in providing biomedical research support to the minority academic community."

Dr. James F. O'Donnell, deputy director—"For continued high quality supervision of the DRR peer review process utilized in five highly differentiated program areas."

DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

Richard J. Riseberg, NIH Legal Advisor, HEW Office of General Counsel, Public Health Division—"For the continuing, valuable role he has played for the NIH in advising on the legal aspects of the administration of NIH programs."

PHS COMMENDATION MEDALS

John R. Harrison, chief, General Construction Section, DES, ODA—"For outstanding achievements in the field of engineering and significant contributions to the profession in providing the increasingly sophisticated facilities required for biomedical research."

Dr. Dean W. Darby, chief, Educational Training and Consultation Branch, NLM—"In recognition of his development of training materials on information transfer and of innovative systems to integrate these materials in the health professional community."



Dr. Castell



Mr. Garrison



Dr. Mock



Dr. Roberts



Mr. Clemmer



Dr. Hill

initiating and guiding extramural clinical research in cancer-related nutritional problems, and for demonstrated proficiency in contract administration."

Larry M. Kleinman, head, Clinical Products Section, DCT, NCI—"For sustained and outstanding performance in the management of investigational drug development and production within the Division of Cancer Treatment."

Dr. Charles E. Myers, head, Biochemical Pharmacology Section, DCT, NCI—"For important work implicating a free radical mechanism in the cardiotoxicity of adriamycin, one of the most effective antineoplastic agents."

Dr. David H. Sachs, chief, Transplantation Biology Section, DCBD, NCI—"For major research contributions to the areas of the genetics of the major histocompatibility complex, the genetic control of immune responses, and the nature of lymphoid cell surfaces."

Dr. Warren Strober, head, Immunophysiology Section, DCBD, NCI—"For studies of mechanisms underlying gluten-sensitive enteropathy and other immunologic abnormalities as well as for studies of the regulation of immune responses in disease."

Lawrence A. Trissel, staff pharmacist, Developmental Therapeutics Program, DCT, NCI—"In recognition of the significant contribution to hospital pharmacy through the publication of a comprehensive Handbook on Injectable Drugs."

Dr. Robert C. Young, chief, Medicine Branch, DCT, NCI—"For initiation of a treatment program for patients with advanced ovarian cancer and remarkable accomplishment which has resulted today in a 3-fold improvement in response rate and a 6-fold increase in 3-year survival."



Dr. Myers



Dr. Sachs



Dr. Strober



Mr. Trissel



Dr. Young



Dr. Yuspa

Dr. Nicholas R. Bachur, Sr., chief, Laboratory of Clinical Biochemistry, Baltimore Cancer Research Program, NCI—"For internationally recognized major contributions to our knowledge of the clinical pharmacology of the anthracycline anticancer drugs."

Dr. Michael R. Boyd, head, Molecular Toxicology Section, DCT, NCI—"For outstanding work which has demonstrated pulmonary activation of a new class of alkylating agents for teranoterpenes."

Dr. Albert B. Deisseroth, head, Experimental Hematology Section, DCT, NCI—"For outstanding research accomplishments in the genetics of hemoglobin synthesis and the field of hematologic supportive care for patients with cancer."

Dr. Curtis C. Harris, chief, Human Tissue Studies Section, DCCP, NCI—"For pioneering research on human tissue explant cultures, and for the experimental study of metabolism and interactions of chemical carcinogens directly on human tissues."

Dr. Jane E. Henney, senior investigator, Cancer Therapy Evaluation Program, DCT, NCI—"In recognition of unusually clear administrative and scientific direction in fulfilling duties as project officer of several clinical trials contracts, evaluation of new drugs, and developing new areas of clinical research."

Dr. Elaine S. Jaffe, senior investigator, Hematopathology Section, DCBD, NCI—"In recognition of clinical and basic research contributing greatly to present understanding of malignant lymphomas as neoplasms of the immune system."

Dr. Daniel L. Kisner, senior investigator, Cancer Therapy Evaluation Program, DCT, NCI—"For



Dr. Moss



Dr. Grave



Ms. Wright



Dr. Sogn



Mr. Pijar



Ms. Wilmer

(See HONORS, Page 8)

HONORS

(Continued from Page 7)

Dr. Stuart H. Yuspa, chief, *In Vitro Pathogenesis Section, DCCP, NCI*—"For developing a model for chemically induced neoplastic transformation in epithelial cells and for innovative studies of initiation and promotion in carcinogenesis."

Dr. William P. Castelli, medical director, *Framingham Heart Study, NHLBI*—"For leadership in developing lipid studies in the Framingham Heart Study which have elucidated the relation of lipid fractions to risk of coronary heart disease."

Robert J. Garrison, statistician, *Epidemiology and Biometry Program, DHVD, NHLBI*—"For the development and application of sophisticated statistical and genetic methodologies to the analysis of family and twin studies relating to heart disease risk factors."

Dr. Michael B. Mock, chief, *Cardiac Diseases Branch, DHVD, NHLBI*—"For exceptional leadership in the organization, stimulation, and continued central coordination of several major large scale clinical trials in the area of cardiac and vascular diseases."

Dr. William C. Roberts, chief, *Pathology Branch, DIR, NHLBI*—"For distinguished contributions to cardiovascular pathology and spirited leadership throughout his career which have brought distinction to the National Institutes of Health and the Public Health Service."

Thomas A. Clemmer, computer specialist, *Biometry Branch, IRP, NIEHS*—"For developing highly effective automatic data processing capabilities and computer engineering services for the NIEHS."

Dr. James C. Hill, *Bacterial Vaccines Project officer, Microbiology and Infectious Diseases Program, NIAID*—"For initiative and leadership in successfully directing NIAID's extramural bacterial vaccine developmental program."

Dr. Bernard Moss, head, *Macromolecular Biology Section, LBV, NIAID*—"For precisely describing the vaccinia virion, discovering unique structures

at the 5' ends of mRNA molecules, and purifying enzymes that form them."

Dr. Dorothy D. Sogn, special assistant to the Director, *Immunology, Allergic and Immunologic Diseases Program, NIAID*—"For outstanding performance and leadership as Executive Secretary, NIAID Task Force on Asthma and Allergic Diseases; exceptional ability and effectiveness in program responsibilities and coordination."

Dr. Gilman D. Grave, acting chief, *Developmental Biology and Nutrition Branch, NICHD*—"For leadership in implementing program initiatives and increased emphasis in support of nutrition research during a difficult transition period."

Stephen J. Pijar, sanitarian, *Biological Control Section, ESB, DRS*—"In recognition of his resourcefulness, perseverance and dedication in coordinating the certification process for the first maximum containment facility for recombinant DNA research."

Other Awards Presented

The NIH-EEO Award of the Year will be presented to **Laura R. Wright**, a former files supervisor, *Collaborative Prenatal Section, Developmental Neurology Branch, NINCDS*—"For leadership and outstanding contributions to the implementation of equal employment opportunity at all levels at the NIH."

The Harvey J. Bullock, Jr. Award for Equal Opportunity Achievements will be presented to **Juanita J. Wilmer**, *NCI*—"For consistent and successful efforts to improve career opportunities for fellow employees at the NIH."

Mrs. Bullock will assist in the presentation of the award honoring her late husband, a former NIH employee.

Forty-Year Length-of-Service Awards will be presented to 3 staff members who completed 30 years of service during 1978. These are: **John E. Peters**, OD; **Myrtle R. Eaton**, NHLBI; and **Dr. Benjamin Prescott**, NIAID.

Symposium on Safe Handling Of Chemicals Held in Hawaii

A symposium on The Safe Handling of Chemical Carcinogens, Mutagens and Teratogens: The Chemist's Viewpoint was recently held as a part of the joint Chemical Congress of the American Chemical Society and the Chemical Society of Japan in Honolulu, Hawaii.

The symposium was organized by Dr. Douglas B. Walters, Technical Programs manager in the NIEHS Environmental Chemistry Branch and supervisor of its Safety Office. It was sponsored by the Division of Chemical Health and Safety and the Division of Environmental Chemistry, ACS.

The joint chemical Congress brought together nearly 8,000 scientists from the U.S., Japan, Canada, Australia, and New Zealand.

The Safe Handling of Chemical Carcinogens symposium itself involved the presentation of 32 papers over a 3-day period. These papers emphasized the chemist's unique role in remedying laboratory safety problems and covered six general areas: chemical classification and structure activity predictions; informational needs and resources; laboratory design, handling and management; chemical monitoring and medical surveillance; spill control, decontamination and degradation; and disposal.

A book containing many of the symposium papers, to be edited by Dr. Walters, is scheduled for publication this fall.

NIH'ers from the National Institute of Environmental Health Sciences, the National Cancer Institute, the National Heart, Lung, and Blood Institute, and the Environmental Safety Branch of the Division of Research Services presented papers at the symposium.

Dr. Jim Shields Named To New NHLBI Posts

Dr. Jim L. Shields has been named associate director for review and chief of the Review Branch, Division of Extramural Affairs, NHLBI.

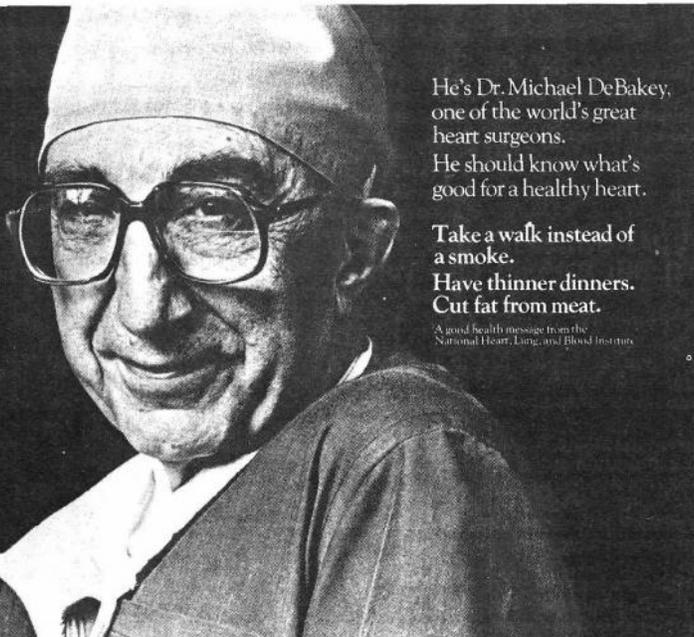
Dr. Shields joined the Institute in 1968 as an administrator in the Program Projects Branch, of which he later became chief. From there he progressed to chief of the Special Program Branch, chief of the Review Branch, and assistant director for Prevention, Education and Control. He has been acting deputy director of the Division of Heart and Vascular Diseases for the past 2 years, and is now serving as interim director.

Experience Noted

Prior to his arrival at NHLBI, Dr. Shields served as assistant chief of the Physiology Division, U.S. Army Medical Research and Nutrition Laboratory at Fitzsimons General Hospital in Denver.

Earlier, he was assistant professor at the University of Missouri School of Medicine in Columbia. His research interests include cold acclimatization and the physiologic effects of high altitude on the heart. At NHLBI Dr. Shields' work reflects his past interest and he has expanded them to include the study of personality types A and B, and coronary-prone behavior.

He Watches His Weight and He Doesn't Smoke.



He's Dr. Michael DeBakey, one of the world's great heart surgeons.

He should know what's good for a healthy heart.

Take a walk instead of a smoke.

Have thinner dinners. Cut fat from meat.

A good health message from the National Heart, Lung, and Blood Institute.

Dr. Michael DeBakey, president of Baylor College of Medicine and a longtime advisor to the National Heart, Lung, and Blood Institute, has lent his name and features to a new health education project. Transportation Displays, Inc., a space advertising firm, will place 100 of these huge posters in 25 airports, donating the space and posting fees as a public service. A second poster, featuring Dr. Betty Jean Kennedy of the NHLBI Advisory Council, has also been produced as part of a campaign developed by the NHLBI Health Education Branch to present health promotion messages to the public through the transportation industries. According to TDI, this is the first time a Federal health agency has requested free advertising space in airports.

Belgium Honors Dr. De Meyts For Insulin Receptor Research

This month Dr. Pierre De Meyts, a recent visiting fellow in NIAMDD's Diabetes Branch, was selected to receive the prestigious *Prix des Alumni* from Belgium.

Two awards are presented every 5 years for biomedical research, one for clinical investigations and one for basic research. The latter award will be given to Dr. De Meyts for his outstanding contributions to research on insulin receptors.

Nominees for the *Prix des Alumni* must be under 35 years of age and are reviewed by a jury of experts in the sciences from the Belgian university system.

This year, Dr. De Meyts was chosen from a field of 21 candidates in medicine and biology—for his studies on the molecular basis of insulin action, in particular, on the physical chemistry of the binding of insulin to its receptors on the surface of cells in the body.

Dr. De Meyts came to NIH through a fellowship from the Fogarty International Center in 1973, and received additional support from the American Diabetes Association.

While at NIH, Dr. De Meyts participated in an ongoing NIAMDD Diabetes Branch research program on polypeptide hormone receptors. One of the facets of his work is the theory of negative cooperativity: in the presence of increased amounts of insulin, receptor affinity decreases, causing accelerated dissociation of the complex that insulin forms with its receptor.

Although this research focuses on insulin, this regulatory mechanism is applicable to a number of different endocrine hormones as a mechanism for modulating the sensitivity of the target cell to hormone action.

Dr. Drake To Head Molecular Genetics Laboratory

Dr. John W. Drake, internationally recognized geneticist, has been appointed chief of the newly formed Laboratory of Molecular Genetics of the National Institute of Environmental Health Sciences.

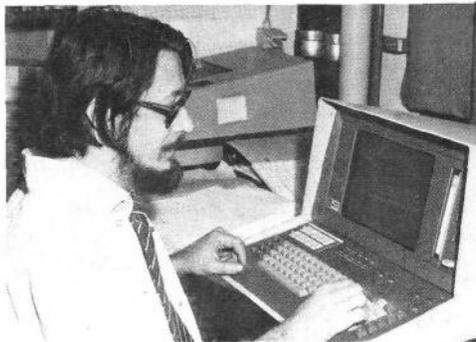
Dr. Drake joined the Institute in August 1977 and has served as chief of the Molecular Genetics Section.

In his new position he will serve as the Institute's authority in the area of molecular mechanism of mutation.

He will supervise both intramural and contract research dealing with molecular mechanisms of mutation induction by chemical and physical agents, and biochemical steps in repair processes and their influence on mutational mechanisms. He will also be responsible for related test system development and validation.

Dr. Drake graduated from Yale University in 1954 and received his Ph.D. at the California Institute of Technology, Pasadena, in 1958.

Among his accomplishments, Dr. Drake was a Fulbright Fellow at the Weizmann Institute



Dr. De Meyts works out a problem on an NIAMDD computer.

Dr. De Meyts' stay at NIH was interrupted by his conscription into the Belgian Army in July 1976. Discharged as a military physician after 15 months, he established his own research group to continue the work he began at NIAMDD at the International Institute of Cellular and Molecular Pathology in Brussels headed by Nobel prize winner C. de Duve.

In addition, Dr. De Meyts is a professional cartoonist and has captured the flavor of Belgian politics in student papers, posters, and pamphlets as well as in several published booklets. His caricatures have also served to enliven many a Diabetes Branch meeting with his interpretation of scientists at work.

Educated in Belgium, Dr. De Meyts received his M.D. in 1969 from the University of Liege.

Dr. De Meyts' wife, Madeleine, has also been at NIH since 1973 and is currently completing a research project as a computational linguist at the Division of Computer Research and Technology.



Dr. Drake is a highly regarded international geneticist.

of Science in Israel and a Guggenheim Fellow at the Medical Research Council Laboratory of Molecular Biology in Cambridge, England. In 1971-72, he was an NIH Special Fellow in the department of Molecular Biology at the University of Edinburgh, Scotland.

Dr. Drake is a founding member of the International Commission for Protection Against Environmental Mutagens and Carcinogens and also a member of the NRC Board of Toxicology and Environmental Health Hazards.

George M. Thomas Retires; DRS Satellite Shop Chief

About 150 friends and co-workers recently attended a retirement party held for George M. Thomas, Jr., chief of the Building 10 Satellite shop of the Biomedical Engineering and Instrumentation Branch, Division of Research Services.

Mr. Thomas, known as "Skip" to his friends, started work with the U.S. Naval Ordnance Laboratory, transferring to NIH in 1960.

Prior to this, he served in the United States Army in the 300th AFA Battalion and in Korea in 1952 as a tank recovery sergeant.

Mr. Thomas is a member of the Reserve Officers Association and had several publications and patents while at NIH.

He and his wife, Mary, plan to enjoy camping, fishing, gardening, and their two grandsons, in retirement.



Mr. Thomas plans to enjoy camping, fishing, gardening, with his wife, Mary, and their two grandsons, in retirement.

Seminar Assesses Toxicological Effects of Chemical Agents

The National Institute of Environmental Health Sciences will hold the second in its series of biennial Science Seminars on June 13-14 at North Carolina State University.

The Institute will present its latest findings on the toxicologic effects of the halogenated hydrocarbons, polycyclic hydrocarbons, dioxin, pentachlorophenol, diethylstilbesterol, noise, nonionizing radiation, and other agents of environmental concern.

Dr. Klerman To Speak On Mental Health Limits

The Limits of Mental Health will be discussed by Gerald L. Klerman, Administrator, Alcohol, Drug Abuse and Mental Health Administration, on Wednesday, June 13, at 3 p.m., in Conf. Rm. E, Parklawn Bldg.

This lecture is a presentation of the Staff College, NIMH. Dr. Klerman will speak on what is meant by a "sick society" in light of questions that have been raised recently and will explore current research in the mental health field.

East Coast Consortium Will Research 'Skin Pigment' Loss

A \$2 million research initiative into vitiligo, a skin pigment loss disease that affects 2 million Americans, is being launched because of a recently approved NIH 4-year research grant to a consortium of six east coast research centers.

The grant, funded by NIAMDD, allows researchers to look at the different medical and psychological effects of the disease. It calls for the setting up of a treatment center at Howard University. Other grant recipients are: Yale University, Bryn Mawr College, University of Pennsylvania, University of Massachusetts, Amherst, and Massachusetts Eye and Ear Infirmary, Boston.

Vitiligo is a disease that affects all races. It leaves white patches on the skin; especially on the face and hands. For the majority of the people who lose pigment, it produces severe cosmetic disfigurement.

Vitiligo patients with light skin, whose patches of depigmentation are not readily noticeable, are often upset by their condition. However, patients with dark skin may suffer serious psychological and social handicaps.

DIABETES

(Continued from Page 1)

Although the coxsackie variant produced diabetes in mice, the NIDR group found that it did so only in certain inbred strains and that susceptibility was genetically controlled and inherited as a recessive trait. That is, only animals with the right genetic background developed diabetes when exposed to the virus.

In the present study, Dr. Yoon and his colleague recovered a virus from the child's pancreas and identified it as a variant of coxsackie B4. A variety of studies including a rise of antibody to the virus during the patient's illness, ruled out the possibility that the virus was simply a laboratory contaminant.

On the basis of information from their



Vernice Ferguson, chief of the CC Nursing Department, recently was the recipient of an Achievement Award for Nursing Services, by the Nursing Education Alumni Association of Teachers College, Columbia University.

Besides the emotional impact of a loss of color to a person's skin, there are numerous medical problems that can be associated with vitiligo. For example, in a high percentage of patients, there are abnormalities in the pigment cells of the eye: Research has already shown that some patients with loss of vision due to inflammatory processes, such as uveitis or iritis, may have vitiligo in the pigment layers of their eyes.

In disorders of autoimmunity—some types of hyperthyroidism, adrenal insufficiency, and pernicious anemia—the incidence of vitiligo is increased approximately 5 to 10 times over that found in individuals who are in good health.

Also important is the association of vitiligo with melanoma, a cancer of skin pigment cells. Melanoma patients have 10 to 20 times the normal incidence of vitiligo.

Additional information about vitiligo is available from the National Institute of Arthritis, Metabolism, and Digestive Diseases Information Office.

earlier animal studies, the NIDR group decided to test the possibility that the virus isolated from the child might produce diabetes in mice. They inoculated inbred strains of mice known to be either genetically susceptible or resistant to virus-induced diabetes.

The virus isolated from the child produced an infection in all the mice, but the resistant strains soon recovered without developing high levels of sugar in their blood. In contrast, within 5 days after inoculation, the susceptible mice became diabetic. Microscopic examination demonstrated that many of the insulin-producing beta cells in the pancreas of the diabetic mice had been destroyed, and the picture closely resembled the inflammation and destruction of beta cells observed in the child's pancreas.

Proof that the virus actually was responsible for the destruction of the beta cells in mice was obtained by coupling a fluorescein dye to antibody made against coxsackievirus and showing that this antibody attached to beta cells within the pancreas of the diabetic, but not the control, mice.

The report makes no claim that coxsackie B4 infection is a common cause of diabetes. Quite to the contrary, it points out that close to half the population has at one time or another been exposed to this virus, while less than 1 in 1,000 individuals suffer from juvenile diabetes. Moreover, the scientists know that diabetes can occur in children who have never been exposed to this virus.

Thus, the scientists stress that their case might be the exception rather than the rule, and are leaning towards the idea that a variety of environmental factors, such as other viruses and chemicals, may trigger diabetes in genetically predisposed individuals.

However, the investigators hope that the information gathered from the virologic and genetic studies in animals combined with the findings from this case will accelerate research on possible viral etiology of juvenile diabetes.

Papers Invited On Basic Mechanisms Of Cellular Secretion

A conference on Basic Mechanisms of Cellular Secretion, sponsored by the National Institute of Dental Research, will be held Sept. 17-21 at the Annapolis Hilton Inn.

Papers have been invited on seven general subjects: activation of the secretory response, the signal hypothesis, post-translational modifications, transport and packaging in the Golgi region, translocation of secretory granules, exocytosis, and membrane dynamics.

In each category, after an introductory paper, there will be four papers on current research. An open discussion will complete the meeting.

Because attendance is limited, applications must be returned by June 15. Inquiries and requests for applications should be addressed to: Patricia Youmans, Laboratory of Biological Structure, Bldg. 30, Rm. 211, NIDR, NIH, Bethesda, Md. 20205, telephone (301) 496-5681.

Telephone 'Tommye' Waters Retires After 29 Years

Thelma (Tommye) Waters, head telephone supervisor in the Telephone and Directory Service, OD-OA, retired recently after 29 years of Government service.

Mrs. Waters started with the NIH Telephone and Directory Service in 1953 as a telephone operator.

Mrs. Waters, a native of North Carolina, expects to continue living in Maryland and looks forward to traveling and spending more time with her friends. She also hopes to do some volunteer work.

At a buffet celebration, she was honored by friends and colleagues who presented her with an engraved gold pendant on a chain. At the buffet, Mrs. Waters said, "The people I worked with were not just employees but dear friends. We worked together as friends to bring about the best possible telephone service to NIH employees, patients, visitors, and the general public."



Mrs. Waters cuts the cake at her recent retirement party.

HEalthWorks '79 Features Music, Dance and Information



Grocery Group performers (top row l to r) were: Clarence Williams, Sue Taylor, Denise Royal, Richard Stanton; (middle row) Harold Carter, Leo Hobbs, Greg Zirzoe, Julie Truss, Elsie Taylor, Janice Bird, Linda Truitt, Tom Flavin; (bottom row) George Davis, David Ylvisaker, Nancy Low, Anne Ralbovsky, and (not shown) Dinah Bertran.

The NIH Nutrition Exhibit was a highlight of the 3-day HEW-sponsored HEalthWorks held on the Mall on May 22-24, and the "singing vegetables" got rave reviews for their part in it.

The 14-member cast of "singing vegetables" performed in costumes that represented different nutritional foods. To the tunes of various well-known songs, they sang words that stressed the importance of good health through nutrition. The uniquely dressed troupe, made up of NIH employees and outside volunteers, was organized and directed by Tom Flavin of the NIH News Branch.

They performed their 15-minute show several times each day to enthusiastic audiences, and they were featured on a national network television show.

The NIH exhibit also featured a "Fat Cell," where the public was tested for obesity on a skinfold measurement device. Visitors walking along the "Eat Right Arcade" saw projected on a screen 46 true-false questions on nutrition. Taped messages about meal choices from a typical American menu were heard at an exhibit restaurant known as the "Eat-Hear Cafe." Throughout the day at the "Breakfast, Lunch, and Dinner Theater," the "Grocery Group" performed their well-attended health skits.

The NIH exhibit was prepared under the sponsorship of the NIH Nutrition Coordinating Committee chaired by Dr. Artemis Simopoulos. HEalthWorks '79 exhibits were

arranged and directed by HEW's Nancy Low.

The fair consisted of a series of "tents" on specific health topics. Among them was an NIMH "stress tent" that featured a "relaxation room" and biofeedback equipment.

Another tent was set up for health screening where people could have their blood pressure and cholesterol checked. A "living habits and safety tent" stressed the importance of home and automobile safety equipment. In still another tent, NIDR demon-



Secretary Califano is being interviewed on the importance of good nutrition while members of the Grocery Group wait to perform.

Frederick J. Gutter Retires From DRG

Frederick J. Gutter, assistant chief for research, Referral Branch, DRG, retired on June 2 after 34 years of Federal service with 30 of those years spent at NIH.

After obtaining degrees from Brooklyn College and Georgetown University, he came to NIH in 1949 as a physical chemist with NCI. Ten years later, he joined the then National Institute of Neurological Diseases and Blindness as a research grants analyst, and in 1961 became a health scientist administrator.



Mr. Gutter

In 1962, he transferred to DRG as executive secretary of the Communicative Sciences Study Section, a position he held until he was appointed assistant chief for research in 1978.

Mr. Gutter's retirement plans include having more time for his hobbies of golf, jogging, and volleyball.

Counseling Hours For Summer Interns Announced

Maxie E. Givner, of the Guidance and Counseling Branch, DPM, is the summer intern counselor. If you need assistance come to Bldg. 31, Rm. B2C-32, from 9:30 a.m. to 4 p.m. or call 496-2496. No appointment is necessary.

strated how to prevent dental decay.

Sharing the "nutrition" tent were the "food for thought" and "foods for health" exhibits that were sponsored by NHLBI.

Private groups also sponsored exhibits on the Mall. "Nutro," a talking robot; a tuna fish sandwich-making contest; a dietary analysis computer; a cooking exhibition; and a nutritional advice corner were also featured during HEalthWorks and contributed to HEW's effort for improved public health.

Ceremony Formalizes Federal Data Processing Role for DCRT's Computer Center

The Computer Center of the Division of Computer Research and Technology officially became a Federal Data Processing Center for Biomedical and Statistical Computation in a formal ceremony May 31 at NIH.

An interagency agreement, signed by top officials from NIH, GSA, and HEW, provides a framework for agreements with other Federal agencies with biomedical or statistical computing needs.

The FDPC agreement applies only to non-NIH users. Normal computing services and facilities for NIH users will continue with significant cost advantages. New users must meet the criteria set by the GSA-HEW agreement and be approved by NIH.

"After 2 years of negotiating, this agreement formalizes our long-recorded participation in the government's ADP sharing program. Our technical leadership and participation in the sharing program are, in effect, finally being 'officially' recognized," said Henry J. Juenemann, DCRT's assistant director.

The agreement was made under authority given to the GSA by Congress to arrange for equipment pools and multiagency sharing, and to establish computing centers.

Such sharing enables small and new agencies to have immediate access to a wide range of tested, specialized computing techniques

Phagocyte Chemotaxis Disorders Topic of Clinical Conference

Disorders of Phagocyte Chemotaxis is the topic at the next Combined Clinical Staff Conference to be held Thursday, June 14, in the Masur Auditorium.

Dr. John I. Gallin, head, Bacterial Diseases Section, Laboratory of Clinical Investigation, NIAID, will moderate the conference.

This program has been approved for category 1 credit, and all interested NIH'ers are urged to attend.



First Lady Rosalynn Carter and Dr. Robert N. Butler (c), NIA Director—both of whom recently spoke at the National Conference on Mental Health and the Elderly—pose with Rep. Claude Pepper, chairman of the House Select Committee on Aging. Dr. Butler urged that geriatrics be incorporated into medical, nursing, social work, and psychology curricula, and that funds be increased for studies on senile dementia and related disorders. Mrs. Carter spoke of the inadequate mental health care received by the Nation's elderly.

at reasonable costs.

"Sharing of computing resources also enables one agency to benefit from software development efforts of other agencies with similar computational needs," said Joseph Naughton, chief of the Computer Center Branch. "The NIH center has a long record of both providing others with its new developments and benefiting from developments of others."

Referring to the importance of computers at NIH, Dr. Arnold W. Pratt, DCRT Director, said, "I want to assure the NIH scientists and their leadership that this agreement does not move DCRT away from its central computing mission as part of the R&D core of the NIH."



NIH Director Dr. Donald S. Fredrickson (l) and Dr. Pratt meet at the agreement signing ceremonies.

NCI-Supported Investigators Honored For Contributions to Cancer Research

Scientists whose work has been supported over the years by grants from NIH were among those who recently received distinguished new awards for cancer research from two of the Nation's largest corporations.

Honored by the General Motors Cancer Foundation for their contributions to cancer research were:

Dr. Henry S. Kaplan, director of the Cancer Biology Research Laboratories, Stanford University, who received the Charles F. Kettering prize; Dr. George Klein, professor of tumor biology, Karolinska Institute, Stockholm, who received the Alfred P. Sloan, Jr., prize; and Dr. Richard Doll, regius professor of medicine and master of Green College, Oxford University, England, who received the Charles S. Mott prize.

This was the first year these prizes were awarded, each carrying a \$100,000 honorarium.

Receiving the \$25,000 second annual Bristol-Myers Award for Distinguished Achievement in Cancer Research were Drs. Werner and Gertrude Henle of the Joseph Stokes, Jr., Research Institute, Children's Hospital, Philadelphia.

Another Bristol-Myers award, for special achievement in advancing cancer research, went to Benno C. Schmidt, chairman of the President's Cancer Panel since 1972.

The General Motors and Bristol-Myers awards were established to recognize and stimulate high caliber research and special contributions in the prevention and treatment of cancer throughout the world.

Three General Motors and two Bristol-Myers awards will be given each year. The research of this year's recipients reflects the diversity of science sponsored under the National Cancer Program.

Dr. Kaplan was cited for his role in developing an effective treatment for Hodgkin's disease, a cancer of the lymph glands once fatal for nearly all its victims. Today, Hodgkin's disease is among the most curable forms of cancer.

Dr. Kaplan's research in the combined use of radiation and chemotherapy in the treatment of cancer and his work investigating

radiation as a cause of cancer have been supported with more than \$15 million in NCI grants since 1963.

Dr. Klein was cited for his pioneering work on the interrelation of cancer and the immune system in mammalian species, including man. His work in cell genetics, the possible viral origins of cancer in man, and cancer cell metabolism has been supported by more than \$2 million in NCI funds since the early 1960's.

Dr. Doll, a specialist in the environmental causes of cancer, has done extensive research on the relation between smoking and cancer.

Drs. Werner and Gertrude Henle received this year's Bristol-Myers award for their work on the Epstein-Barr virus, a virus that causes infectious mononucleosis and, they showed, is associated with two human cancers. They are credited with establishing what may be the first cause and effect relationship between a virus and human cancer. Some \$6 million in NCI grant funds have gone to support this important work.

VISITING SCIENTIST PROGRAM PARTICIPANTS

5/21—**Dr. Sanzo Miyazawa**, Japan, Laboratory of Theoretical Biology. Sponsor: Dr. Robert Jernigan, NCI, Bg. 10, Rm. 4B50.

5/22—**Dr. Daniel Liscia**, Italy, Laboratory of Pathophysiology. Sponsor: Dr. P. M. Gullino, NCI, Bg. 10, Rm. 5B36.

5/24—**Dr. Inessa Levenbook**, Stateless, Experimental Biology Branch. Sponsor: Dr. John Petricciani, BB, Bg. 29, Rm. 513.

5/29—**Dr. Tsuneo Morishima**, Japan, Laboratory of Oral Medicine. Sponsor: Dr. Patrick McClintock, NIDR, Bg. 30, Rm. 124.

5/30—**Dr. Maria Zeneroli-Baraldi**, Italy, Digestive Diseases Branch. Sponsor: Dr. E. A. Jones, NIAMDD, Bg. 10, Rm. 4D52.