GM Cancer Foundation Awardees to Speak at NIH

Four prize winners, of the sixth annual General Motors Cancer Research Foundation awards—including an NIH scientist—will present scientific lectures Wednesday, June 13 in the Clinical Center, Masur Auditorium from 1 to 3 p.m. Each winner will receive a solid gold medal and a share of the $300,000 cash prize.

The lectures will be open to all NIH employees on first-come first-served basis. The CC's 14th floor auditorium will accommodate any overflow.

Names of the winners will be announced in New York City on June 12.

The awards are given for the most outstanding contributions in specific areas of cancer research: The Charles F. Kettering Award, for research in diagnosis or treatment of cancer; the Charles S. Mott Award, for research in the area of cancer prevention including environmental influences, and the Alfred P. Sloan Jr. Award, for basic science research, particularly in the areas of etiology and pathogenesis of cancer.

Candidates are nominated by 8,000 to 10,000 professors or associate professors in leading medical institutions and universities. Recipients are selected by the General Motors awards assembly consisting of 32 international cancer research scientists.

Dr. Lester B. Salans Resigns As Director of NIADDK

Dr. Lester B. Salans, internationally known for his research on obesity and diabetes, has announced his resignation as Director of the National Institute of Arthritis, Diabetes, and Digestive and Kidney Diseases (NIADDK), effective June 30, 1984.

Dr. Salans is leaving NIADDK to join the faculty of the Mount Sinai Medical Center, N.Y., as dean and professor of medicine in the School of Medicine, and senior vice president of the Medical Center, with chief operating responsibility for academic affairs at the Mount Sinai Medical School and Hospital.

Dr. Salans was appointed NIADDK Director on June 17, 1982, after serving as Acting Director since October 1, 1981. He came to NIADDK in 1976 as associate director for Diabetes, Endocrinology, and Metabolic Diseases and had primary responsibility for coordinating the entire Federal research effort in diabetes and related disorders.

(See DR. SALANS, Page 10)

NCI's Director and Cancer Awareness Program Featured in July-August Saturday Evening Post

A painting of Dr. Vincent T. DeVita Jr., Director of the National Cancer Institute, will be featured on the cover of the July/August issue of the Saturday Evening Post.

A lengthy interview with the NCI Director carried inside as the lead article in the magazine is timed to support NCI's National Cancer Prevention Awareness Program.

The cancer prevention awareness program was announced last March by DHHS Secretary Margaret Heckler who told a crowded press conference at NIH that 95,000 cancer deaths could be prevented by the year 2000 if half of all smokers quit and Americans ate more fiber and less fat.

As the first phase of the campaign, NCI's Office of Cancer Communications has embarked on a nationwide media effort to tell Americans that cancer can be prevented by individual actions. Hundreds of broadcast stations, newspapers and magazines are cooperating by carrying free messages for the program and free cancer information booklets are available from NCI by dialing 1-800-4-CANCER.

The DeVita issue of the Post will appear on newsstands this month and be mailed to some 3 million readers before the end of June.

Dr. DeVita will also be interviewed for a half-hour NBC-produced television program, “Frank Field's Cancer Prevention Test,” which will be shown during June on 115 cable stations.

The Saturday Evening Post cover artist, Lucian Lupinski, came to NIH to paint the DeVita portrait on assignment from the Indianapolis-based magazine.

Drug Treatment of High Blood Pressure Usually Necessary But Nondrug Therapy an Initial Option to Try, Report Says

Treatment of high blood pressure with drugs is usually necessary for most patients but nondrug treatment is an initial option which can be tried and may work for some, according to the recently released report of the Joint National Committee on the Detection, Evaluation and Treatment of High Blood Pressure.

Dr. Claude Lenfant, Director, National Heart, Lung and Blood Institute, who released the report, said:

"It is encouraging that the Joint Committee continues to place emphasis on nondrug treatment for certain classes of patients. It may be that patients can avoid drugs altogether if they respond to these forms of treatment.

"However, even among mildly hypertensive patients, not everyone will respond to non-pharmacologic treatment and the physician should resort to drug treatment for patients who don't respond within a reasonable time."

The new report reflects current findings on high blood pressure and provides guidelines for physicians in treating patients and for community groups to develop locally based programs.

High blood pressure is one of three major risk factors—along with cigarette smoking and elevated blood cholesterol—for development of heart disease and stroke. The report is an update of a previous committee report published in 1980.

The latest report lists major drugs used in the treatment of high BP as well as nondrug therapies.

It details the various drugs—diuretics, beta blockers and vasodilators—and possible (See BLOOD PRESSURE, Page 11)
The NIH Record

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NIH Record Office
Bldg. 31, Room 28-03, Phone 496-2125

Editor
Herschel Cribb

Staff Writers
Joyce F. McCarthy
Anne Barber

Staff Correspondents

Training Tips

The following courses sponsored by the Division of Personnel Management are given in Bldg. 31.

Course

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Executive, Management, and Supervisory
Planning for Prevention and Results
Managing Performance Feedback
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7/9
6/22

Administrative Systems
WORD PROCESSING 6/5 5/21
TRAINING (LEXITRON) 6/12 5/29
Open to all Lexitron operators with 3 months experience
6/19
6/4

ADVANCED XEROX: Open to all Xerox operators with 3 months experience July dates to be announced
6/28
6/11

ADVANCED SYSTEMS

IBM DISPLAY WRITER: August dates to be announced
6/26
6/11

DELPLO (Delegated Procurement for new users only) 6/25 6/11 7/23 7/11

To learn more about these and other courses contact the Development and Training Operations Branch, DPM, 496-6371.

NIH Preschool Accepts Applications

The NIH Preschool Developmental Program is now accepting applications for summer and fall openings.

NIH employees with children between 2 1/2 and 5 years of age may obtain applications in Bldg. 35, Rm. 15B-05.

For further information, call Sherrie Rudick, 496-5144.

Fitness Center Anniversary Run/Walk a Big Success

Fifty runners and 43 walkers participated in the First Annual NIH Fitness Center Anniversary Run/Walk on May 10. The event consisted of a 2.5 mile run or 1 mile walk.

The top male finisher was Henry O'Connell with a time of 12:22. The top female finisher was Alison Wichman with a time of 15:22. In the over 40 years Master's Category, Bill Willmering took the men's division with a time of 14:59 while Penny Brogan won the women's division with a time of 21:12. The winning walker was Carol De Force.

Special thanks to the NIH Police Department, Fire Department, Grounds/Maintenance, Radio Club, Health Angels, R&W, Dr. Joseph E. Rall, the Bethesda Chevy Chase YMCA, and the many volunteers who helped make this event such a success.

NIH Fitness Center director, Janet Vizard, and associate director Tom Klein are hoping to make this Run/Walk an annual event as a way of getting everyone here at NIH involved in health and fitness.

Supply Operations To Sponsor Scientific Products Exhibit

The Supply Operations Branch, OD/DAS, is sponsoring a scientific products exhibit to be held in Rm. 1A15, Bldg. 37 on June 7, from 11 a.m. until 1 p.m.

The program will be conducted by the Millipore Corporation, Bedford, Mass. and their subsidiaries, Millipore/Continental Water Systems and Waters Associates. Latest products will be displayed and demonstrated and professional personnel will be available for consultation and advice.

Scientific personnel are invited to attend.

Financial Workshop To Be Held

George Ferris, Jr., chief executive officer, Ferris and Company, will conduct a financial workshop in Masur Auditorium on Tuesday, June 12, noon to 1 p.m. Mr. Ferris is a leading investment expert in Washington, D.C., and has served as a consultant on economic development to the World Bank, the Agency for International Development, and has been appointed to the President's Task Force on International Private Enterprise.

Topic of the workshop will be "Investment Trends for the 80's." Mr. Ferris will discuss the outlook for investments in the next few years in light of current and projected economic trends in the United States.

Interinstitute Genetics Program To Present Eminent Lecturers

Two eminent senior scientists from diverse cultural backgrounds will present lectures at The Clinical Center on June 13: Dr. Josef Warkany, born in Vienna, Austria and Prof. C.C. Tan from Shanghai, China.

Dr. Warkany will be speaking on "Environmental Causes of Malformations" at 12:30 p.m. in Bldg. 10, 9th floor, Bunim Rm. When Dr. Warkany came to the U.S. in 1926, he joined the Children's Hospital Medical Center in Cincinnati, Ohio, where he presently holds the position of professor emeritus of Research Pediatrics. A gifted artist and "Renaissance man," Dr. Warkany's classic text Congenital Malformations: Notes and Comments contains his own dry point etchings and a history of teratology (fetal defects).

Professor C.C. Tan will discuss "Medical Genetics in China" June 13 at 4 p.m. in Bldg. 10, ACRF amphitheatre. Currently director of the Genetics Institute of Fudan University in Shanghai, Professor Tan received his doctorate at California Institute of Technology in 1936.

Although his scientific career was twice interrupted in China, Professor Tan is well-known for his work in classical genetics, particularly the identification of salivary gland chromosomes in Drosophila pseudoobscura.
Judo Beginner's Class To Start

The NIH R&W Judo Club is accepting applications for the summer beginner's class. This series of ten classes in basic Judo will be held each Tuesday evening, from 6 to 7:30 p.m. beginning June 12 and ending Aug. 14. Classes will be held in the old gymnasium of Stone Ridge School, at the corner of Cedar Lane and Rockville Pike.

Dr. Thomas E. Malone, NIH Deputy Director, will serve as chief instructor for the classes. Dr. Malone holds a second degree Black Belt and has had extensive experience as a Judo instructor. Eric Spears, Andrew Paterson, and Stephanie Harrison, holders of the first degree Black Belt, will be co-instructors.

The fee for the session will be $35. Application forms can be obtained from Kathleen Thomas or Dr. Thomas E. Malone, Bldg. 1, Rm. 132, 496-2121. Space is limited so interested persons should return the completed form to Dr. Malone immediately to insure a place in the class. Those accepted will be notified as soon as possible.

For further information, call Dr. Andrew Paterson, 496-9086.

FAES Health Insurance
Open Season Begins in July

The FAES Health Insurance Program announces "Open Season" during the month of July. The FAES Health Insurance Program is open to employees who are not eligible for Government health insurance coverage, but who are employed by NIH in full-time positions. Full-time guest workers and researchers of NIH may also subscribe to the program.

During July, persons who did not enroll when first eligible can do so; however, please note that a preexisting condition clause will be in effect for 10 months. This is also the time for current subscribers to change their status from low option to high option if they wish to do so.

Information about rates and benefits may be obtained at the FAES office in Bldg. 10, Rm. 2C207A or in the FAES Bookstore also in Bldg. 10, Rm. B1L-101.

Home Video Seminar To Be Held

The R&W Video Club will be sponsoring its first home video seminar on Monday, June 11, from noon to 1 p.m. in Wilson Hall, Bldg. 1. Grayson Mattingly, president of Mattingly Productions, will conduct the seminar, using slides and videotaped examples.

Participants will be given a review of the trends and techniques of video in the past, and an overview of home video in the future.

The R&W Video Club, located in Bldg. 31 and the Westwood Building, rents a wide variety of prerecorded videotapes in both VHS and beta formats. For further details call 496-6061.

The worst cliques are those which consist of one man.—G.B. Shaw

Maturity is a bitter disappointment for which no remedy exists.—Kurt Vonnegut, Jr.

Singers To Present Concert, June 14

The NIH R&W Singers and the Madrigal Singers will present their annual spring concert, June 14 at noon in Masur Auditorium, Bldg. 10. The program will consist of both classical and modern arrangements and will feature a premier of two recent arrangements by Thomas Cloutier of songs from the peace movement. The program will last 1 hour and patients and staff are invited to attend.

The NIH R&W Singers have been singing together in their present structure since reorganization in September 1982. Since that time, they have performed in numerous concerts throughout the NIH community, including a joint performance with the NIH Chamber Orchestra last November.

Their season usually includes two or three major concerts throughout the year. One highlight from next year's schedule will be a joint performance of Bach's "Magnificat" with the Chamber Orchestra. The group is open to all NIH employees and their families. The ability to sight read music is helpful but not required. Auditions can be arranged by contacting Anthony DeMarinis at 496-6442.

Anthony DeMarinis has been a microbiologist at NOI for the past 6 years, and has been involved in the Washington Music scene for almost as long. He has been performing solo for 15 years in coffee houses and night clubs and has formed many small groups for special occasions, including three barbershop quartets.

Tony DeMarinis
He is currently a member of the Washington Choral Arts Society where he has performed under such famous conductors as Leonard Bernstein, Robert Shaw and Mistislav Rostrapovitch. He also sings in a local Renaissance group called Continuum. He has been director of the NIH Singers since September 1982.

Thomas Cloutier has been an engineer with the Division of Safety for the past year. He has played the guitar professionally and performed in concerts in Texas, New York, and Germany for the last 10 years. He is also an active composer and arranger.

Members of the singers include: sopranos—Jacqueline Admire, Beth Armstrong, Paula Darby, Anthea Maton, Grace Rawsthorne, Margaret Wesley; altos—Mary Gusano, Betsy Duane, Margaret Foster, Barbara Harrison, Kari Hermansson, Bonnie McNeil, Anne Middleworth, Dominie Nash, Nancy Sanderson, Celeste Scoggin, Linda Shonk; tenors—Steven Bauer, Jeanita Danzik, Martha Denkla, Francis Litz, Bill Richards; basses—Charles Bacon, Garrett Bagley, Ed Movius, Howard Nash, James Russell, Benjamin Suarez.

The Madrigal Singers are directed by Glenn Ricketts; its members include: Brinson Conery, Robin Drake, David Gilliam, Peggy Gilliam, Sheila Newton, Richard Shragler, Evelyn Byers Surles, and Charles Bacon.

For more information on the Madrigal Singers, call Glenn Ricart, 454-4323.
Outstanding accomplishments of NIH staff members were recognized June 4 by NIH Director Dr. James B. Wyngaarden at the 14th NIH Honor Awards Ceremony held in the Clinical Center’s Masur Auditorium.

Thirty-two staff members were presented the NIH Director’s Award, which recognizes exceptional performance by employees who have made substantial or exceptional contributions to benefit the programs or the people of NIH.

The Commendation Medal, presented to 24 Commissioned Officers, recognizes sustained high quality work performance in scientific, administrative, or other professional fields; application of unique skill or creative imagination to the approach or solution to problems; or noteworthy technical and professional contributions that are significant to a limited area.

The NIH-EEO Award of the Year was presented to Charles C. Bowie Jr., administrative officer, Intramural Research Program, NICHD. He was recognized for "demonstrat-
Awards Ceremony

The Harvey J. Bullock, Jr. Award for Equal Opportunity Achievement was presented to Mattie Jackson, personnel staffing specialist, Recruitment and Employee Benefit Branch, Division of Personnel Management, Office of the Director. She was honored "for encouraging, promoting and successfully advancing NIH's affirmative action commitment through recruitment, placement, and staffing of NIH-wide student programs."

This year's ceremony included musical selections by the Montgomery College Small Jazz Ensemble under direction of Dr. James Badolato, singing of the National Anthem by Sheryl M. Melvin, NICHD, and the presentation of colors by the Joint Armed Forces Color Guard.

Recipients and their guests attended a reception following the ceremony in the CC's ACRF Mezzanine.

DR. WILLIAM T. FRIEDEWALD
Associate Director, Clinical Applications and Prevention Program
Division of Heart and Vascular Diseases
National Heart, Lung, and Blood Institute
"For demonstrated leadership in the development and administration of clinical trials, preventive cardiology, health promotion and disease prevention programs of the NHLBI."

DR. MICHAEL D. HOGAN
Mathematical Statistician
Biometry and Risk Assessment Program
National Institute of Environmental Health Sciences
"For excellent and dedicated service on high level committees and work groups dealing with quantitative risk assessment."

DR. HYNDA K. KLEINMAN
Research Chemist
Laboratory of Developmental Biology and Anomalies, IRP
National Institute of Dental Research
"For characterizing protein factors in connective tissues which specify the interaction of cells with matrix and regulate their form, function and repair."

CATHERINE P. JAMES
Secretary to the Associate Director for Intramural Affairs
Office of Intramural Affairs
"For exemplary leadership and untiring performance in the development of the Physician Data Query Data Base."

ROSKEY I. JENNINGS
Biological Laboratory Technician (Biochemistry)
Laboratory of Viral Diseases
National Institute of Allergy and Infectious Diseases
"For 54 years of faithful, dedicated, loyal, conscientious service in providing vital support functions for NIH research scientists."

DR. ELKE JORDAN
Associate Director for Program Activities
Office of Program Activities
National Institute of General Medical Sciences
"For exceptional accomplishments and innovative leadership in improving the effectiveness of the Office of Program Activities, and for outstanding service as a key advisor to the NIGMS Director."

DR. ARTHUR S. LEVINE
Scientific Director
Intramural Research Program
National Institute of Child Health and Human Development
"For leadership in scientific and administrative direction of the Intramural Research Programs of the National Institute of Child Health and Human Development."

RUTH D. McNEIL
Lead Personnel Assistant
Personnel Management Branch
National Heart, Lung, and Blood Institute
"For dedication, resourcefulness and consistent superior work performance in carrying out assignments for the National Institutes of Health."

MARIAN FRANCES HEID
Technical Information Specialist (No Photo Available)
Environmental Epidemiology Branch
National Cancer Institute
"In recognition of conscientious and crucial support of epidemiologic research at the National Institutes of Health through her unique skills and experience in disease classification."

MS. McNEIL

SHEILA MERRITT
Chief, Management Analysis Branch (No Photo Available)
Office of Administrative Management
National Heart, Lung, and Blood Institute
"For exceptional service to the National Heart, Lung, and Blood Institute in providing comprehensive and innovative management advice and assistance through the Management Analysis Branch."

(Continued on Page 6)
NIH DIRECTOR'S AWARD (cont'd.):

DR. EDWARD J. ROCCHELLA
Coordinator, National High Blood Pressure Education Program
Office of Prevention, Education and Control
National Heart, Lung, and Blood Institute
"For superior service to the National High Blood Pressure Education Program and the Health Education Branch, NHLBI."

DR. MELVIN L. SPANN
Chief, Biomedical Information Services Branch
Division of Specialized Information Services
National Library of Medicine
"For improving the availability of biomedical information services to the health community through skilled management, personal dedication and subject matter expertise."

H. DOUGLAS SWANK
Supervisory Equipment Specialist
Division of Administrative Services
Office of the Director
"For conscientious dedication to the research mission of NIH and exceptional leadership in expediting the acquisition of instruments and other equipment for the scientific community."

FLOYD R. SWANSON
Chief, Labor Management Branch
Division of Personnel Management
Office of the Director
"For managing an effective Labor Management and Employee Relations Program and providing expert technical advice and guidance to NIH management."

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Division of Personnel Management
Office of the Director
"For managing an effective Labor Management and Employee Relations Program and providing expert technical advice and guidance to NIH management."

CURTIS D. TATE
Deputy Director, Division of Contracts and Grants
Office of Administration
"For exceptional professional contributions to the improvement of research and development contracting practices at the National Institutes of Health."

R. ANNE THOMAS
Director of Public Information
NIH Office of Communications
"For leadership in maintaining consistently high standards of quality in NIH public affairs activities while performing creatively an unusual number of sensitive and demanding assignments."

DR. ROBERT A. WHITNEY JR.
Chief
Veterinary Resources Branch
Division of Research Services
"For personal contributions in providing and nurturing employment opportunities within the Veterinary Resources Branch for mentally impaired and learning disabled persons."

DR. JI-WON YOON
Research Microbiologist
Laboratory of Oral Medicine
National Institute of Dental Research
"For systematic and in-depth basic research on viruses and diabetes."

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National Institute of Dental Research
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RECIPIENTS

DR. RICHARD J. DAVEY
Senior Surgeon
Chief, Laboratory Services Section, Blood Bank Department
Clinical Center
"For sustained high quality performance in guiding the expansion of the Blood Bank's technical services, and in developing training programs of excellence for physicians and technologists."

DR. ROBERT EDELMAN
Medical Director
Chief, Clinical and Epidemiological Studies Branch
National Institute of Allergy and Infectious Diseases
"For the design and implementation of collaborative research projects related to the acquired immune deficiency syndrome, diarrheal diseases, nutrition, and prematurity."

CLARENCE L. FORTNER
Pharmacist Director
Special Assistant to the chief, Investigational Drug Branch
National Cancer Institute
"For the design, testing, formulation, and implementation of a system of drug accountability in the largest clinical drug trials programmed in the United States."

DR. LAWRENCE M. FRIEDMAN
Senior Surgeon
Medical Officer, Clinical Trials Branch
National Heart, Lung, and Blood Institute
"For exceptional leadership in the initiation, organization, coordination, and dissemination of results of major large-scale, multi-center clinical trials."

DONALD W. MANTAY
Engineer Director
Chief, Environmental Protection Branch, ORS
Office of Director
"For the enlightened leadership and sustained dedicated performance in the development and implementation of the environmental protection programs of the National Institutes of Health."

DR. JOSEPH R. MARCHES
Scientist Director
Regional Coordinator, Office of Protection from Research Risks
Office of the Director
"For exemplary conduct in a leadership role in providing protections for human research subjects."

FRANK JOHN NICE
Senior Pharmacist
Pharmacy Consultant, Convulsive, Developmental, and Neuromuscular Disorders Program
National Institute of Neurological and Communicative Disorders and Stroke
"For sustained outstanding administrative and scientific efforts while serving as Pharmacy Consultant, Epilepsy Branch, Convulsive, Developmental, and Neuromuscular Disorders Program, NINCDS."

(continued on page 8)
COMMENDATION MEDALS (cont'd.):

DR. EUGENE R. PASSAMANI
Senior Surgeon
Associate Director, Cardiology Program, Division of Heart and Vascular Diseases
National Heart, Lung, and Blood Institute
“For scientific and administrative leadership of the programs in cardiac diseases, in particular the Coronary Artery Surgery Study.”

DR. FRANK A. PEDERSEN
Scientist Director
Chief, Section of Child and Family Research, Laboratory of Comparative Ethology
National Institute of Child Health and Human Development
“For innovative studies of infant development (within contemporary family structures) which have had a major influence on medical and social practice, and for exemplary Branch leadership.”

DR. DAVID O. RODBARD
Medical Director
Chief, Laboratory of Theoretical and Physical Biology
National Institute of Child Health and Human Development
“In recognition of outstanding contributions to clinical research involving hormone-receptor studies, mathematical modeling, biostatistics, and the application of computers to clinical and basic science.”

DR. BRUCE S. SCHOENBERG
Senior Surgeon
Chief, Neuroepidemiology Section, Intramural Research Program
National Institute of Neurological and Communicative Disorders and Stroke
“For furthering our understanding of the magnitude, distribution, and risk factors for cerebrovascular disease in the United States and thereby providing opportunities for prevention.”

DR. RONALD H. SCHWARTZ
Medical Director
Senior Investigator, Laboratory of Immunology
National Institute of Allergy and Infectious Diseases
“For outstanding achievements in cellular immunology and immunogenetics, with particular reference to the basis of antigen recognition by thymus-dependent (T) lymphocytes.”

DR. RICHARD J. SHERINS
Medical Director
Head, Section on Reproductive Endocrinology, Developmental Endocrinology Branch
National Institute of Child Health and Human Development
“For pioneering the study and therapy of infertility resulting from cancer chemotherapy, thus improving the quality of life for many young surviving cancer patients.”

NIH EEO AWARD OF THE YEAR

CHARLES C. BOWIE JR.
Administrative Officer, Intramural Research Program
National Institute of Child and Human Development
“For demonstrating guidance and sensitivity in helping employees, supervisors and managers create a harmonious and rewarding work environment and for support and dedication to the goals of equal employment opportunity.”

HARVEY J. BULLOCK, JR. AWARD FOR EQUAL OPPORTUNITY ACHIEVEMENT

MATTIE L. JACKSON
Personnel Staffing Specialist, Recruitment and Employee Benefits Branch, DPM
Office of the Director
“For encouraging, promoting and successfully advancing the National Institutes of Health’s affirmative action commitment through recruitment, placement and staffing of NIH-wide student programs.”

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The NIH Record

June 5, 1984
NANCDS Council Adds Six New Members

Six new members have been appointed to the National Advisory Neurological and Communicative Disorders and Stroke Council.

Appointed for 4-year terms are: Dr. Peter Dallos, professor and chairman, department of neurobiology and physiology, and professor of audiology at Northwestern University; Dr. Robert A. Fishman, professor and chairman, department of neurology, and director of the Brain Edema Research Center at the University of California School of Medicine, San Francisco; Linda A. McCay, a faculty associate at Arizona State University, department of communication, and co-director of Arnold/McCay Consultants in Scottsdale; and Dr. Phanor L. Perot Jr., professor and chairman of the department of neurological surgery, Medical University of South Carolina.

Ardys Heise, an organizational development consultant for the U.S. Department of Education and for educational institutions in California, has received a 3-year appointment to the Council.

Former Council member Dr. Fred Plum, professor of neurology and neurologist-in-chief at New York Hospital-Cornell Medical Center, has been reappointed to serve through 1985.

Dr. Dallos, a native of Budapest, Hungary, received his doctorate in electrical (biomedical) engineering from Northwestern University. His research has focused on the biophysics and neurobiology of the cochlea, particularly the cellular biology of two types of sensory receptors: the inner and outer hair cells found in the mammalian ear.

Dr. Fishman holds an M.D. degree from the University of Pennsylvania and is known for his studies of metabolic disorders of the nervous system, particularly those that involve the blood brain barrier. He serves as a consultant neurologist for three San Francisco hospitals, including San Francisco General Hospital.

Mrs. McCay, one of the two new public members of the Council, is a founder of a consulting firm that specializes in communication training. She has conducted seminars on managing stress and integrating the analytical and creative regions of the brain. Mrs. McCay holds a bachelor's degree in education and a master's degree in communication from North Texas State University.

Dr. Perot, a neurosurgeon, holds an M.D. degree from Tulane University and a Ph.D. degree from McGill University. His research activities have included neurophysiological investigations of epilepsy and studies of auditory and visual memory in the human brain. Dr. Perot is also known for his clinical and experimental studies of spinal cord injury.

Mrs. Heise, the second of the two new public members, brings to the Council expertise in the fields of public relations and management. Until her retirement last year, she was director of communications services for the San Diego Community College District. She has won respect for her handling of medical issues while public affairs officer at the University of California at San Diego School of Medicine.

Dr. Plum was a member of the Council from 1977 to 1981. A graduate of Cornell University Medical College, he has made numerous contributions to the understanding of stroke and coma and is known for his studies of epilepsy, cerebral energy metabolism, and brain blood flow.

Dr. Plum has served on the governing councils of the American Neurological Association and the American Academy of Neurology.

The Council, an advisory group to NINCDS, meets 3 times each year to review applications of scientists seeking financial support for research and research training in disorders of the brain and nervous system, including disorders of speech and hearing.

Dr. John Boice Named Chief Radiation Epidemiology Branch

Dr. Boice joined NCI in 1977 as an epidemiologist in the Environmental Epidemiology Branch, and has served as head of the branch's Radiation Studies Section since 1979. With the formation of the new branch, the section has been abolished.

He received a PHS Commendation Medal in 1981 for substantial epidemiologic contributions that have clarified the role of low-level radiation in the origins of human cancer.

Dr. Boice received an Sc.M. in nuclear engineering from Rensselaer Polytechnic Institute, his S.M. in medical radiological physics and Sc.D. in epidemiology from Harvard.

He has over 40 publications on cancer epidemiology, and also has a special interest in the long-term effects of therapeutic drugs, including hormones and cytotoxic agents.

He is co-author of a widely used book on epidemiologic analysis, *Epidemiologic Analysis with a Programmable Calculator*, and co-editor of Radiation Carcinogenesis: *Epidemiology and Biological Significance*, which was published this year.

Dr. Kirschstein Receives Honorary Degree

Dr. Ruth L. Kirschstein, Director of the National Institute of General Medical Sciences, received an honorary Doctor of Science degree from the Mount Sinai School of Medicine at its annual commencement exercises on June 1.

This honor is in recognition of Dr. Kirschstein's "distinguished research contributions in the field of pathology" and her "social, philosophic and intellectual leadership in developing the peer review system and in fostering the environment of intellectual excellence for scientists in the field of biomedical research."

Dr. Kirschstein came to NIH in 1956 as a medical officer in the Clinical Pathology Department, Clinical Center. From 1957 to 1972, she was with the Division of Biologics Standards (now the FDA Bureau of Biologics), where she worked on means to assure the safety of viral vaccines for such diseases as polio, measles and rubella.

She developed the "monkey safety test" and became a recognized authority on the performance and interpretation of test results and on the neurovirulence of viruses. She is the author of over 70 research publications.

In 1972, Dr. Kirschstein became acting deputy director of the Bureau of Biologics and in 1973, deputy associate commissioner for science of the Food and Drug Administration. She has been NIGMS Director since 1974.

Among Dr. Kirschstein's other honors are: the DHEW Superior Service Award in 1971, the PHS Superior Service Award in 1978, the Presidential Meritorious Executive Rank Award in 1980, and election to the Institute of Medicine, National Academy of Sciences, in 1982.

Dr. H. B. Matthews, a research chemist at the National Institute of Environmental Health Sciences, has been elected vice president of the North Carolina Chapter of the Society of Toxicology. Dr. Matthews heads the Chemical Disposition Group of the Toxicology Research and Testing Program at NIEHS in Research Triangle Park, N.C.
Dr. Jack R. Schmidt Named Chief, FIC's International Coordination and Liaison Branch

In addition, Dr. Schmidt will oversee the coordination and administration of all bilateral agreements in which NIH scientists participate.

Before coming to the Fogarty Center, Dr. Schmidt was director of programs and scientific advisor at the Naval Medical Research and Development Command. Prior to that, from 1972 to 1974, he was technical director of research and scientific advisor, Bureau of Medicine and Surgery, Navy Department.

His experience includes service in Ethiopia, where he established and directed a multidisciplinary infectious disease/tropical medicine program, and in Egypt, where he conducted research on the etiology and epidemiology of arthropod-borne viral diseases endemic in the Middle East. Earlier he was with the Walter Reed Army Institute of Research.

A native of Wisconsin, Dr. Schmidt received his B.S., M.S., and Ph.D. in medical microbiology and pathology from the University of Wisconsin.

His honors include a medal from His Imperial Majesty Haile Sellassie I in recognition of medical research programs in Ethiopia and a U.S. Navy Distinguished Civilian Service Award.

He served as the DOD representative to the National Advisory Allergy and Infectious Diseases Council from 1975 to 1980 and as a member of the White House International Health Research, Development, Demonstration and Applications Working Group in 1978.

Dr. Jack R. Schmidt has been designated chief, International Coordination and Liaison Branch (ICLB), Fogarty International Center. He will be responsible for maintaining liaison with DHHS components, the Department of State and other Federal agencies, foreign embassies, and multinational organizations.

He will also advise the NIH Director and BID Directors on development of international policies and procedures to foster cooperation in biomedical research throughout the world.

Former NIH Employee Honored

Charles E. Weishaar worked as an equipment specialist in the Standards and Specifications Section of the Quality Assurance Branch, Material Management from 1974 until his untimely death at the age of 37 in January 1982.

He came to work for NIH in 1967 as an electronic technician in the Biomedical Engineering and Instrumentation Branch, DRS, where he worked for 6½ years.

During those years, Mr. Weishaar repaired and serviced scientific instruments for many investigators throughout NIH. One of those investigators was Dr. Michael Sporn of the Cancer Institute's Laboratory of Chemoprevention.

Dr. Sporn, like many other NIH investigators, was highly impressed with Charlie's continuous efforts to serve the NIH scientific community.

In recognition of his dedicated service, Dr. Sporn and Mr. Weishaar's coworkers (Standards and Specifications Section, QAB) have placed a plaque on the first DNA synthesizer procured by NIH. The DNA synthesizer, located in Dr. Sporn's laboratory in Bldg. 41, is dedicated in memory to Mr. Weishaar.

The memorial plaque reads, "For his dedication and contribution to the NIH scientific community."

A conference on "Aging, Reproduction and the Climacteric" will be held on June 18-19, in Masur Auditorium, Clinical Center.

Cosponsored by the National Institute on Aging, the National Institute of Child Health and Human Development and the American Fertility Society, the conference will feature specialists in the fields of reproductive physiology, gerontology and genetics.

Presentations and discussions will be held on Methodological Considerations in Research on the Aging Reproductive System, Age-Related Changes in Regulatory Systems, Aging and the Reproductive Years, The Climacteric and Treatment of Menopausal Women.

Dr. T. Franklin Williams, Director of the National Institute on Aging will open the meeting with a discussion of NIA programs in the fields of aging and reproduction. Dr. Charles Hammond, Duke University Medical Center and president-elect of the American Fertility Society, will deliver the welcoming address.

The sessions will conclude with remarks by Dr. Mortimer B. Lipsett, NICHD Director.

R&W Golf League Already Swinging

The league began its regular season play Apr. 29. But, it's not too late to join. Call Dr. Marie Nylen, 496-1483, for information.

Before coming to NIADDK, Dr. Salans was associate professor of medicine and head of the Endocrinology and Metabolism Section at Dartmouth Medical School. He received his M.D. from the University of Illinois College of Medicine, did his internship and residency at Stanford University Medical Center, and received his research training at the Rockefeller University.

He is the author of numerous scientific articles, primarily on obesity and diabetes, and has received many honors and awards, among them the NIH Director’s Award in 1980.

Dr. Pierre F. Renault, NIADDK deputy director, has been appointed by NIH Director Dr. James B. Wyngaarden to be Acting Director of NIADDK effective July 1, 1984.

DR. SALANS

(Continued from Page 1)
The positive side—exercise and various relaxation and biofeedback therapies. The report concludes the benefits gained by drug therapy to reduce high blood pressure outweigh the known risks from such therapy.

The report defines diastolic (heart at rest) blood pressure of less than 85 mm Hg (millimeters of mercury, the standard reporting unit for blood pressure) as normal blood pressure. A diastolic pressure of 85 to 89 is considered high normal and bears watching.

A repeated reading on two occasions of 90 to 104 is defined as mild high blood pressure, requiring steps to be taken to lower it. A 105 to 114 diastolic pressure is moderate high blood pressure, and a reading of 115 or above is severe hypertension.

The 1984 Joint National Committee also formulated guidelines for the treatment of mild hypertension, an area that has been the subject of some controversy.

Drug treatment is recommended for individuals with diastolic blood pressure in the range of 95 to 104 mm Hg if the person does not respond to dietary and other nondrug treatment.

The committee recognized, however, that some doctors are reluctant to prescribe drugs for the lowest range of mild hypertension (diastolic 90–94 mm Hg). The physician who elects not to treat mild high blood pressure with drugs is advised to instill rigorous non-drug therapy and follow the patient as closely as if he or she were taking drugs since many of them will progress to the point that drug therapy will become necessary.

The committee offers two new categories based on systolic (peak pressure during heartbeat) pressure: Borderline isolated systolic hypertension (systolic pressure of 140–159 mm Hg when the diastolic is less than 90) and isolated systolic hypertension (systolic pressure over 160 mm Hg).

Isolated systolic hypertension is found in a significant number of elderly (over 60) patients, and there is strong evidence that it increases the risk of stroke or illness from other heart-related conditions. Data are not adequate to answer whether reducing the systolic blood pressure also will reduce the person’s risk of heart attack or stroke.

For the present, the committee recommends a trial of nonpharmacologic treatment such as sodium restriction or weight reduction where appropriate. If the physician opts for drug treatment, the committee recommends cautious reduction of systolic blood pressure to the 140–160 range, with further reduction attempted only if the patient has tolerated the initial therapy well. The decision on treatment must be on an individual basis.

The current Joint National Committee report is its third one and was issued because recent findings about high blood pressure and its treatment and new drugs placed on the market to treat high blood pressure were important factors that required consideration.

DAS Director Otis Ducker Retires After 33 Years

On Friday, Mar. 23, Otis Ducker retired after 33 years of government service.

Mr. Ducker began his career here at NIH in 1951 in the Supply Operations Branch of DAS. From warehouseman, Mr. Ducker moved through the division’s career channels to various managerial positions and assumed leadership of the division in 1974.

As the director, he instituted many administrative policies and procedures which not only benefited the Division but the NIH community as well. For example, the DELPRO system.

He served as a member on the first DAS and OD EEO Committees and in an advisory capacity on the NIH-wide Affirmative Action Program.

Service was a concept in which Mr. Ducker firmly believed. The customer’s needs were his first priority and this philosophy was reflected throughout the Division.

Mr. Ducker received numerous awards including the Superior Performance Award, the DHHS EEO Award, the NIH Director’s Award and a commemorative plaque for his outstanding leadership as president of the NIH Credit Union.

An accomplished musician, Mr. Ducker is a member of the D.C. Federation of Musicians and gives free saxophone lessons to many underprivileged youths.

During his retirement, he plans to spend more time on civic activities. At present, he serves as a member of the board of the Greater Southeast Community Hospital.

Anthony Pirorone, BEIB, Dies at 31; Deeply Mourned

Anthony S. Pirorone, 31, a medical equipment repairer in the Biomedical Engineering and Instrumentation Branch (BEIB), Division of Research Services, died Thursday, May 10, of a massive cerebral hemorrhage after a very brief illness. He had been employed at NIH since 1977, beginning in the Division of Engineering Services. He transferred to BEIB in 1979.

Mr. Pirorone’s survivors include his wife, Carmen M. Pirorone, Reference Services Division, National Library of Medicine, and his twin sister, Angela A. Martin, formerly a staff writer in the News Branch, NIH Office of Communications.

He is also survived by his parents, Anthony and Theresa Pirorone, and his brothers John J. and Joseph S. Pirorone.

Tony’s unexpected serious illness and death stunned his fellow employees in BEIB, where he was universally esteemed. “Tony was undoubtedly the most liked person in our whole operation—a first-class human being,” said Howard Metz, BEIB assistant chief for scientific equipment services. “He was completely genuine and sincere, and his work was always excellent.”

Tony’s supervisor, Norm Little, saw him as one of his key people. “Tony performed way beyond the call of duty,” Mr. Little said. “He had a methodical engineering mind, and he could communicate at all levels. The researchers and others valued him.”

Typical of letters in Tony’s personnel file is one to Mr. Little from three NHLBI investigators: “We are writing you this letter because we are delighted. We have had the pleasure of working with a man from your section, Tony Pirorone. We cannot recommend him too highly. His contribution to the construction of a complicated and sophisticated electrophysiological set-up has been invaluable. He is innovative, clever, and efficient.”

Following Tony’s death, similar feelings were expressed in a message from Filippina Giacometti and Barbara Winterrord of the NHLBI Pathology Branch: “Tony was a young man we can never forget. He repaired our laboratory equipment and fabricated new implements to use in our daily work. We owe him our thanks for all he did to improve our lab and make our work easier and better. Not only was Tony good at his work—he was our friend. We loved Tony for his warmth and sincerity. He had that special quality which made our days brighter and happier whenever we saw him. Tony Pirorone enriched our lives, we’re grateful we knew him, and we miss him very much.”

Tony began his Federal career in 1972, working briefly at NIH as a medical aide before transferring to the National Agricultural Library, where he remained until rejoining NIH in 1977.
Use of Monoclonal Antibodies Promises Revolution
In Understanding Kidney Diseases, Conference Told

Monoclonal antibodies are being used to predict, prevent and reverse rejection of kidney transplants, according to scientific reports given at the recent conference on kidney ailments held at NIH.

Dr. William Couser of the University of Washington, cochairman, told the group that "the study of monoclonal antibodies has the potential to revolutionize scientific understanding of the cellular aspects of immune responses of the kidney."

The conference, sponsored by the National Institute of Arthritis, Diabetes and Kidney Diseases, was attended by about 350 immunologists, pathologists, cell biologists, renal physiologists, nephrologists and other clinicians.

Besides transplants, the conference also discussed the use of monoclonal antibodies to define structure and function of the kidney and to characterize components of the immune system which lead to kidney disease. (See accompanying box.)

The major role of monoclonal antibodies in monitoring kidney transplant patients was explained by Dr. Marvin Garovoy, director of Immunogenetics and Transplantation Laboratory of the University of California Medical Center, San Francisco.

Describing the techniques used to monitor and predict whether a patient is likely to reject a given kidney transplant, Dr. Garovoy said studies since 1981 show that patients with normal or high ratios of helper-to-cytotoxic-suppressor cells are more likely to have rejection episodes while patients with low ratios of these cells have few transplant rejections.

"It has been shown," Dr. Garovoy reported, "that during the early months after transplant, a stepwise increase in the percent of circulating helper cells precedes and predicts a rejection episode by 5 to 7 days."

A report on the results of a NIADDK-supported clinical trial with 19 patients in which the monoclonal mouse antibody Anti-T12 was successfully used to prevent acute renal rejection was given by Dr. Robert Kirkman, assistant professor of surgery at Harvard Medical School and Brigham and Women's Hospital, Boston.

Dr. Kirkman said the study "shows that one can reverse the rejection episodes and clear the cells of infiltrate with anti-T12 therapy." Complications from this treatment are rare, apart from low-grade fever, Dr. Kirkman said.

Another NIADDK grantee, Dr. Paul Terasaki, professor of surgery at the University of California Medical Center, Los Angeles, reported on rejection episodes which were reversed in 17 patients by using two different monoclonal antibodies known as CBL-1 and CHAL-1. An important characteristic of these antibodies is that they are directed against the most highly activated lymphocytes (the cells apparently involved in transplant rejection), he said.

Dr. Terasaki indicated that studies of these antibodies so far are not completely successful, and he raised the possibility of future experiments in which CBL-1 and CHAL-1 would be used in combination with each other or with additional antibodies.

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Monoclonal Antibodies:
What They Are, What They Do

Monoclonal antibodies are produced from hybrid cells made by fusing a cancer cell with a normal antibody-producing cell. These antibodies, now available in larger amounts and with greater specificity than ever before, are proving increasingly useful in both medical research, and in the diagnosis and treatment of disease.

Antibodies are special disease-fighting proteins produced by the immune systems of all vertebrates to attack and neutralize foreign invading substances.

These foreign substances, known as antigens, can be present on bacteria, toxins, viruses, foreign tissues, proteins or cells—in short, anything that the body does not recognize as its own.

Once an antigen enters the body, special white blood cells—called B cells—release antibodies that are specially shaped to "lock" onto the surface of the antigen.

Although a single organism can produce more than a million different kinds of antibodies, each B cell makes only one type of antibody aimed at one antigen. For this reason, the body must be prepared to make an enormous supply of antibodies—one each preformed to fit a specific antigen.

Because of their specificity, antibodies are used widely today to identify, classify, separate, and purify a variety of biological and chemical substances such as enzymes, proteins, different cell types, bacteria, and viruses.

An animal can be stimulated to make antibody by injecting it with the antigen, then extracting associated antibody from the animal's blood. This procedure has drawbacks because the immune response in animals is inconsistent, producing antibody that may differ widely in quantity and quality from one experiment to the next. As a result, the antibody is invariably impure, mixed with many other antibodies in the final product.

Unlike antibodies produced by immunization, antibodies produced by hybridomas are pure. They are made in the laboratory by fusing an immortal cancer B cell (myeloma) with a normal B cell that produces antibodies.

Once fused, each hybridoma becomes a virtually inexhaustible factory, manufacturing large amounts of identical antibody. The antibody-producing cell determines which monoclonal antibody the hybridoma will make.

Dr. Timothy Springer, associate professor of pathology at Harvard Medical School and the Dana-Farber Cancer Institute in Boston, discussed use of monoclonal antibodies as probes of the functions and biochemistry of cell surfaces.

Focusing on genetic deficiencies and the molecular basis of disease, Dr. Springer emphasized the importance of monoclonal antibodies in identifying cell surface molecules and in the guidance of gene cloning. □