

# The NIH Record

## Academy Award-Winning Actress Louise Fletcher Visits NIMH Schizophrenia Study Project at CC

Academy Award-winning Actress Louise Fletcher—who won an Oscar for her portrayal of psychiatric Nurse Ratched in the 1975 film, *One Flew Over the Cuckoo's Nest*—toured the NIMH Schizophrenic Studies Section at the Clinical Center on June 2.

Escorted by Dr. David Pickar, a section chief in NIMH's Neurosciences Branch, she visited a ward with schizophrenic patients and later met briefly with Dr. Saul Rosen, acting chief of the Clinical Center. (CC Director Dr. John Decker

recently suffered a heart attack from which he is recovering.)

Accompanying Ms. Fletcher and Dr. Pickar on the CC tour was Dr. John Fletcher, NIH-CC bioethicist and brother of the actress.



Dr. Pickar

Ms. Fletcher also met for about an hour with a group of psychiatric nurses and psychiatrists.

In reply to questions, she talked about how she prepared for her role as Nurse Ratched, how she conceived and played the role and her feelings about the film's treatment of the psychiatric establishment. On role preparation, Ms. Fletcher said she spent the week before filming at the Oregon State Hospital where the movie was shot.

"I was given an opportunity to sit in on group therapy sessions on several floors: one for the average mentally ill, another for the criminally ill awaiting trial and one for the very, very ill. I watched shock therapy and generally was around there for a week."

In discussing the film's treatment of mental health professionals, the actress said of shock therapy: "The shock therapy I saw with my own eyes and what I saw on the screen were not much different if at all. I know people are shocked by that, but I know it helps some people."

Shock therapy, its use and abuse, is a pivotal point in the film because the "hero," R.P. McMurphy, a wily convict who pretends to be crazy to get transferred from prison to the hospital, is lobotomized by excessive electroshocks.

One of the most graphic scenes in the movie shows actor Jack Nicholson as McMurphy having the electrodes applied to his temples and



Actress Louise Fletcher and Dr. John Fletcher, her brother, who is CC-NIH bioethicist, pause briefly in her recent tour of the NIMH schizophrenic studies section at the Clinical Center. Ms. Fletcher won the 1975 Academy Award as best actress for her portrayal of Nurse Ratched, a subtly 'sadistic' psychiatric nurse in *One Flew Over The Cuckoo's Nest*.

### Nurse Ratched & Company

*Louise Fletcher won the 1975 Academy Award for best actress, Jack Nicholson won for best actor, Milos Forman for best director and the film, One Flew Over the Cuckoo's Nest, was voted top picture of that year.*

then the violent jerkings of bones and body and facial spasms as the current courses through his forebrain.

(See **ACTRESS**, Page 11)

## Time Magazine Hails NIH! As Among America's Best

Time Magazine pays glowing tribute to NIH in its latest issue, a special edition citing what's best in America.

Calling NIH "clearly a major factor in America's primacy in medical research," the article details numerous achievements. Among them:

"The NIH has underwritten the training of one-third of the nation's biomedical researchers; it has sponsored two-thirds of those U.S. scientists who have won Nobel Prizes for Physiology or Medicine since 1945."

NIH was also praised for—despite its status as a government enterprise—providing "freedom of inquiry, an intellectually stimulating environment and continuous recruitment of the best minds," which the magazine called a "synergistic combination" essential to "scientific supremacy."

The magazine added: "In the past few decades, the letters NIH have become almost as familiar to Americans as FBI or IRS. The federal research center has been a leading force in the U.S. and around the world for the study of cancer and heart disease, the development of vaccines and treatments for infectious illness (most recently AIDS) and the investigation of mental illness. Its scientists are at the forefront of probes into such fundamental mysteries as gene regulation, the workings of the immune system and the structure of complex organic molecules."

*Time* joined with Dr. Lewis Thomas in calling NIH "one of the nation's greatest treasures." □

## Dr. Lynn Gerber Named Outstanding Woman Scientist

Dr. Lynn Gerber, chief of the Clinical Center's Department of Rehabilitation Medicine, has been named "the most outstanding woman scientist in the federal government" by the Interagency Committee for Women in Science and Engineering (WISE).

Dr. Gerber won the second annual WISE Award for her role in the development of leg braces for children suffering from osteogenesis imperfecta (OI), an illness that results in brittle bones in the lower extremities.

Dr. James Wyngaarden, NIH Director, presented the award in place of DHHS Secretary Otis R. Bowen at a ceremony Mar. 24 attended by Clinical Center staff and members of Dr. Gerber's family.

(See **DR. GERBER**, Page 12)



Dr. Gerber

## TRAINING TIPS

The following courses are sponsored by the Division of Personnel Management, the NIH Training Center.

Executive, Management and Supervisory 496-6371	Course	Starts	Deadline
Communicating for Results		7/29	6/23
Office Skills Career Development Program	496-6371		
Support Staff Training 496-6211			
Introduction to Working at NIH		6/25	6/16
		7/23	7/14
		8/20	8/11
Basic Time & Attendance		7/23	6/25
Introduction to dBase III		7/29	7/9
Training & Development Services Program Orientation	6/30		
Using Animals in Intramural Research: Guidelines for Investigators		7/31	6/27

SHARE TRAINING. For first-time users enter x fr &agslugL.@@share(setup) on file37. Adult Education Program ongoing, 496-6211. □

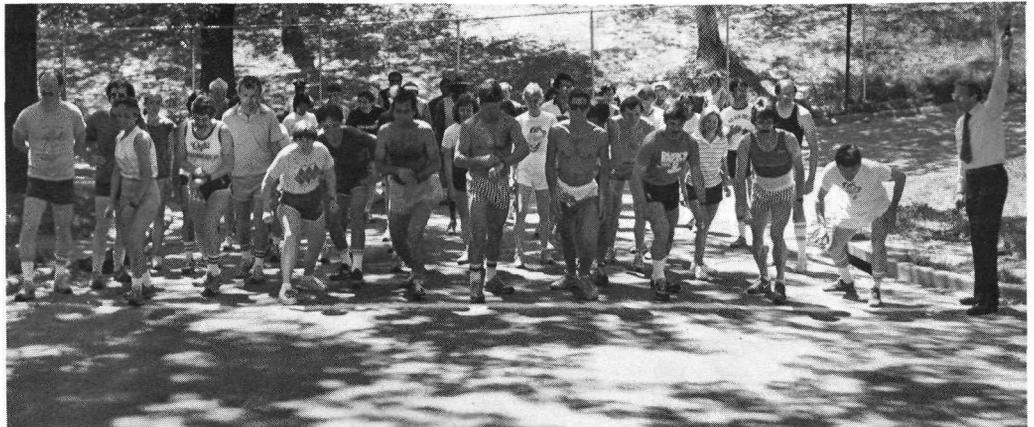
## Camp Fantastic Barbeque

R&W will hold its 4th annual Camp Fantastic Chicken Barbeque on June 24, from 11:30 a.m. to 1:30 p.m., on the NIH campus behind Bldg. 10. The box lunch will cost \$5 and tickets will be available in advance at the R&W Activities Desk, Bldg. 31, or any R&W Gift Shop.



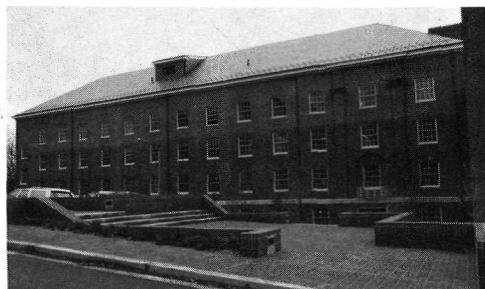
Help send a kid to Camp Fantastic.

Proceeds will benefit children undergoing treatment for cancer. Staffed by NIH volunteers, the camp will provide meaningful experiences for those special children who fight against cancer every day of their lives. Last year over 60 children attended the camp. □



The NIH Fitness Center held its annual run/walk May 8 in celebration of its third anniversary. Approximately 150 NIHers participated with about 50 percent entering the walk and 50 percent the run. As usual, the NIH service organizations provided great support in organizing this event. Everyone involved in the run/walk seemed to have a great time and the Fitness Center is looking forward to sponsoring it again next year.

## NIH Director To Dedicate Building 8 on June 19



The brick patio will be the site of the dedication and ribbon cutting ceremony for Bldg. 8 at 10:30 a.m. on June 19.

The new brick patio will be the site of a dedication ceremony on June 19 at 10:30 a.m. to note of the completion of Bldg. 8. Bldg. 8 is the first of several buildings to be renovated under a "Round Robin" plan to refurbish the oldest laboratory buildings on the reservation.

Plans for the dedication include a ribbon-cutting ceremony with remarks by NIH Director Dr. James B. Wyngaarden, Deputy Director for Intramural Research Dr. Joseph E. Rall, and Master of Ceremonies, Dr. Edwin D. Becker, Associate Director for Research Services.

Ceremonial keys to the building will be presented to Dr. Jesse Roth, scientific director, NIDDK, since it is his intramural scientists who will occupy the building. Tours of the building will follow the dedication ceremony from 11 a.m. to 1 p.m.

In order for Bldg. 8 to be renovated and a new wing added, employees from that building had to move in 1982-83 to laboratory space elsewhere on campus; including the then new ACRF and Bldgs. 5, 36 and 37.

Now that Bldg. 8 is completed there will be

new tenants—employees from Bldg. 4. That building is slated for renovation to begin in August.

Plans for the "Round Robin" began in 1976 under Dr. Donald Fredrickson's tenure as Director. Deputy Director for Science, Dr. DeWitt Stetten Jr., oversaw preparation of the overall plan. Dr. Robert Goldberger, who succeeded Dr. Stetten in 1979, developed the complex space reassignments to permit Bldg 8 to be vacated. □

## The NIH Record

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## Training for Investigators On Research Animal Use

A training course on "Using Animals in Intramural Research: Guidelines for Investigators" will be presented on Thursday, July 31, from 8:30 a.m. to 12:30 p.m.

The course will be presented jointly by the NIH Animal Research Committee and the NIH Training Center. This is the fifth session of a regularly scheduled course designed to help the Institutes obtain training for staff as specified in NIH policies and guidelines.

Topics covered will include: public interest and humane treatment of animals; principles and policies for animal use at NIH; investigator responsibilities; technical information and training; opportunities for NIH animal users, and a panel discussion of audience questions.

The July class can accommodate 100 persons. Announcements are available from Institute Animal Research Committees and chairpersons of Institute Animal Research Committees. Registration deadline is June 27.

For more information, contact Dr. James Harwell, 496-1076, or the NIH Training Center, 496-6371. □

## Artificial Intelligence Symposium By Satellite Set for June 25

The second artificial intelligence satellite symposium, "A Step-by-Step Guide to Getting Started" will be telecast Wednesday, June 25 by NLM's Lister Hill Center for Biomedical Communications.

Sponsored by Texas Instruments, this followup satellite teleconference is designed for managers and technologists who may already be involved in artificial intelligence or beginning to explore its potential. (The first teleconference was broadcast last November and seen by over 30,000 people throughout the United States and Canada.)

The program will be aired from 9 a.m. to 2 p.m. and can be seen in Bldg. 38A in the Lister Hill Auditorium or in Rm. B1N30B. The program will also be available via the NIH Cable System.

For more information on cable access and/or arrangements, contact Richard Wray of the NIH Audiovisual Section, 496-4700. For more program information, call 496-5721. □

## Windsurfing Lesson, June 29

A 1-day windsurfing lesson will be given on Sunday, June 29 from 10 a.m. to 3 p.m. Wear a bathing suit and old tennis shoes and bring lunch, refreshments and sunscreen.

Trip includes board rental, life jacket, and instruction. Cost per person is \$37. □

## Convention Center Named for Dr. A. Sabin; Delivers Address at NLM on Polio Overseas

Dr. Albert B. Sabin, famed medical researcher and developer of the oral polio vaccine, presented a lecture on the elimination of polio and other vaccine-preventable diseases of children in developing countries May 28 at the National Library of Medicine. The lecture is one of a series of events planned in honor of the Library's Sesquicentennial.

Dr. Sabin was introduced to the standing-room only audience composed of NIH scientists, NLM staff, health professionals and medical journalists by NLM Director, Dr. Donald A. B. Lindberg, as our "most distinguished of colleagues."

### Climate Crucial

After more than 20 years of having polio vaccine available, Dr. Sabin said, the disease is still prevalent in tropical and subtropical countries. There are hundreds of thousands of children who contract the disease each year, of which 5 to 10 percent die and the remainder are crippled to some degree. Twelve years ago, the World Health Organization launched an expanded program to attack polio, but its goal of immunizing all children by 1990 is not likely to be reached.

There are crucial differences in attempting to eradicate vaccine-preventable diseases in countries of the temperate zones and those in tropic and subtropic regions. Polio in cooler climates tends to be limited to the warmer times of the year; in hotter climates the disease is a year-round threat. Therefore, methods of polio eradication developed by the United States and Northern European countries may not be good models for developing countries to follow.

That the rapid elimination and continuing control of such diseases as polio is feasible in developing countries has been demonstrated in Latin America, Dr. Sabin said. Now we need to do the same in African and Asian nations. Knowledge is necessary but not sufficient; what is also required is organization.

### Sabin Day

Dr. Sabin was honored June 9 by the City of Cincinnati, Ohio, which designated that day as "Sabin Day." A dedication ceremony was held by Cincinnati's City Council which officially named their new downtown convention center the Dr. Albert B. Sabin Convention Center. The accompanying photo shows Dr. Sabin's portrait which will be displayed at the center.



*Carolyn Egeli, a Maryland artist, painted this portrait of Dr. Sabin in 1 month which is now hanging in the City of Cincinnati's new downtown convention center named in his honor. Dr. Sabin was recognized for his long association with their community and the contributions and accomplishments he has rendered that have benefitted humankind.*

Attending the ceremony were Dr. Otis Bowen, Secretary of Health and Human Services, who represented President Reagan, and many other national, state, and local dignitaries. That afternoon, Dr. Sabin presented a lecture at the University of Cincinnati Medical School, entitled, "The Role of My Cooperation with Soviet Scientists in the Conquest of Polio: Some Lessons and Challenges." □

## FAES Insurance 'Open Season'

The FAES Health Insurance Program announces "Open Season" July 1-31. This program is open to visiting fellows, full-time guest workers, and NIH employees who are not eligible for government plans.

"Open Season" is for those persons who did not enroll when first eligible, and for current subscribers to change their status from low to high option or choose the health maintenance plan.

Information about rates and benefits may be obtained from FAES, Bldg. 10, Rm. 2C207A. □

## Columbia's Animal Funds Restored by NIH Director

NIH Director Dr. James B. Wyngaarden has lifted the suspension of NIH funds for laboratory animal research at the Health Sciences Division of Columbia University (HSDCU) in New York City. This release of funds, suspended since Jan. 27, is effective immediately.

The Director's decision was based on NIH's assessment of a revised Animal Welfare Assurance document (dated May 5, 1986), consultation with HSDCU officials and staff over the past 4 months, and a site visit to the institution on May 20 by the same team of experts that evaluated HSDCU's animal care and use program in January.

Dr. Wyngaarden suspended funding for HSDCU's research on warm-blooded vertebrate animals, with the exception of rodents, after an unannounced NIH site visit to HSDCU on Jan. 23 and 24. Site visit committee members unanimously found serious deficiencies which violated standards of the Public Health Service's newly revised animal welfare policy.

### Deficiencies Found

Deficiencies were found in the following: overall management of the laboratory animal program; occupational health program, including the absence of a biosafety committee; veterinary care; survival surgery facilities; procedures for postoperative care; animal housing and sanitary condition; and training of laboratory science personnel.

A review of the HSDCU's Animal Welfare Assurance document received by NIH on Dec. 15, 1985, was the primary reason for the unannounced site visit. Based on the findings of the site visit committee, all funds for the purchase, care or research use of vertebrate animals, other than rodents, were suspended, and no new NIH funding on warm-blooded vertebrate animals other than rodents would be made until the deficiencies had been corrected.

### Corrections Assured

The May 5 Animal Welfare Assurance document from HSDCU certifies that all of the deficiencies cited in January have been corrected.

NIH's Office for Protection from Research Risks (OPRR), the unit that oversees the Public Health Service Animal Welfare Policy, has given HSDCU an unrestricted approval of its animal welfare assurance for 2 years. During the 2-year period, all substantive changes in HSDCU's laboratory animal care and use program must be submitted to NIH in writing for OPRR approval before implementation. □

## Job-related Problems of Handicapped To Be Topic of Discussion, June 30

On Monday, June 30, a panel discussion, "If You Were . . . Could You," will be presented in the ACRF Amphitheater, from noon to 1 p.m. The panel, moderated by Dr. Martha Bryan, NIH Handicap Program manager, will feature five disabled NIH employees.

The panelists will discuss how they perform their job responsibilities and how reasonable accommodations are made in the work setting.

Disabled employees, coworkers, managers and supervisors are encouraged to attend the program to further their understanding of disabled employees' capabilities and how to accommodate disabilities.

Following the panel discussion, certificates will be presented to individuals who have been recognized for outstanding service on the Handicapped Employees Committee.

Sign language interpretation will be provided. If accommodation for other disability is needed, please contact the Handicap Program manager, 496-2906.

This program is sponsored by the NIH Handicap Employees Committee, Handicap Program, Division of Equal Opportunity. □

## Over 500 Persons Screened at NIH For Skin Cancer at Free Clinic

There were over 500 persons screened for skin cancer with 300 found to have suspicious lesions at NIH's Clinical Center on May 31. The free skin cancer screening clinic was sponsored by the Washington, D.C. Dermatological Society. People with suspicious skin lesions were referred to a local dermatologist or told to see their family doctor for more complete tests.

There were approximately 25 doctors participating in the screening with support staff from NIH.

"Outstanding," said Dr. Douglas Robins, director of the screening clinic, of the support staff. Dr. Robins also serves as secretary of the Washington, D.C. Dermatological Society.

"My highest praise goes to all who participated in the clinic. Everything ran smoothly and the wait was kept to a minimum. Many thanks to all persons involved," he said.

There will also be a followup to the skin cancer screening clinic, according to Dr. Robins, in about 6-8 weeks. □

*I do not feel obliged to believe that the same God who endowed me with sense, reason, and intellect has intended us to forgo their use.—Galileo*

## Dr. J.E. Parrillo Named CC's Distinguished Clinical Educator

Dr. Joseph E. Parrillo, chief of the Clinical Center's Critical Care Medicine Department,



Dr. Parrillo

has been named winner of the hospital's second annual Distinguished Clinical Educator Award.

"I find teaching very rewarding and valuable, even without awards," said Dr. Parrillo. "I come from a family of educators."

The award recognizes a senior staff member who is not only excellent at his or her own work, but is also a particularly caring physician and teacher.

"Dr. Parrillo is a superb clinician," said Dr. Lorraine Fitzpatrick of NIDDK, a member of the 16-member medical staff fellow subcommittee that reviewed nominations for the award. Reading from the award citation, she said, "I have not seen a physician with a more vast and practical knowledge of internal and critical care medicine.

"He has a fine bedside manner and is superb at designing, carrying out, and incisively writing up state-of-the-art research . . . I must also say that Dr. Parrillo's after-hours support and counseling of his fellows and departmental members on great and small personal, career, and family problems fits well with the similar compassion and support that he gives patients. To be complete, the man does not walk on water—one colleague says he walks above it."

The award nomination also lauded Dr. Parrillo's work in establishing a Critical Care Medicine Program for staff fellows and in helping his discipline obtain subspecialty certification from the American Board of Internal Medicine.

"Kudos could be handed out commonly here but we don't do that," noted Dr. Daniel Cowell, associate director for medical education at the CC. "Many could easily merit the title of 'distinguished clinical educator.' But this award recognizes the truly exceptional." □

## Wrist Watches and Radios Alert Nurses On Wandering Patients in Aging Unit

A system that uses ordinary wristwatches and radios to alert staff to possible wandering incidents among demented patients in the Clinical Center is being tested on the hospital's 12 East Aging Unit.

Designed by Horace Cascio, an engineer in the Biomedical Instrumentation and Engineering Branch, and engineering technician George Hemphill, the system not only alerts staff but also tells nurses on the unit who the wanderer is.

"Wandering is a constant problem in some patients," said Kathleen Musallam, head nurse of the six-bed unit. "We use a one-on-one approach in our nursing care of wandering patients. But some patients are quick and, aside from their memory and cognitive impairment, are in pretty good physical health—they can get out fast."

### Traveling Transmitter

The system turns each patient who wears one of the specially equipped wristwatches into a traveling radio transmitter that sends out a constant signal. Once within 6 feet of either of the two exits on the unit, the patient's transmitter reaches specially tuned radios mounted above the ceiling tiles near the doors.

If the radios pick up a patient's signal, they cause an alarm and lights to go off at the nurses' station, warning staff that a wanderer is probably about to leave the unit.

Now being tested on just a few patients, the new system will likely be able to trigger locks on doors, thus eliminating the need for locked units, Musallam said.

"We're in a shakedown period," she explained. "It's an assistive device for nurses—we're still relying on our eyes to monitor the movement of our patients. But so far, so good."

Cascio and Hemphill began searching for ways to control patient wandering 2 years ago at the request of nurses, but had been preoccupied with their work on the NeuroPET machine. When they turned full attention to the 12 East project, their design emerged quite simply.

"First, we looked for watches on sale," said Cascio, who, naturally enough, picked Casio watches for the project. "It's cheaper to gut a new wristwatch than build your own," he explained. "Especially when fabrication costs are \$44 an hour.

"Next we threw out the bands and the insides, and installed very low power transmitters," he continued, "Each watch sends out a



*Horace Cascio (l) an electrical engineer with BEIB, shows a specially designed watch used to alert nurses on Clinical Center's 12 East of possible patient wandering. Looking on are Kathleen Musallam, head nurse of the six-bed NIA unit, and George Hemphill, a BEIB engineering technician.*

radio frequency pulsed at an audio rate that can be picked up by two radios mounted at right angles above the doors. We got the radios from Radio Shack—there's no sense in reinventing the wheel. In essence, we have a very low-power transmitter and a very high-gain radio."

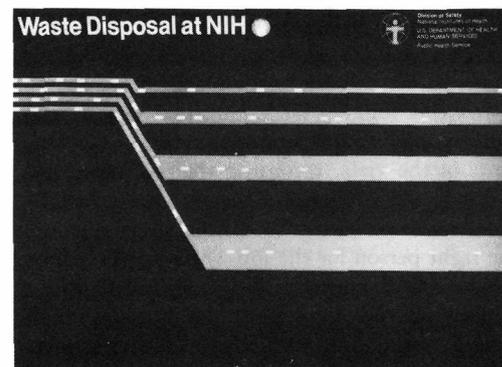
The radios—permanently tuned to 1720 kilocycles, just above the broadcast band—are mounted at right angles so that they can still pick up a signal no matter what orientation the wristwatch takes on the patients arm. Powering the watches are small batteries, the lives of which the engineers are currently trying to extend to the maximum.

### Trips Alarm

Once the radio tunes in a patient, it signals a microprocessor at the nurses' station, which in turn trips a two-stage alarm—sound and lights.

A personal computer is to be integrated into the system that will let nurses read the name of the potential wanderer on a monitor and what door he or she is headed for. Future changes may add door-locking capability, which will be powered by hospital emergency electrical power.

"Once the computer is online, we plan to use this system to collect data for nursing research," said Musallam. "If we find that our warning system works here, it may be of use to people in other institutions and in the home." □



### General Waste

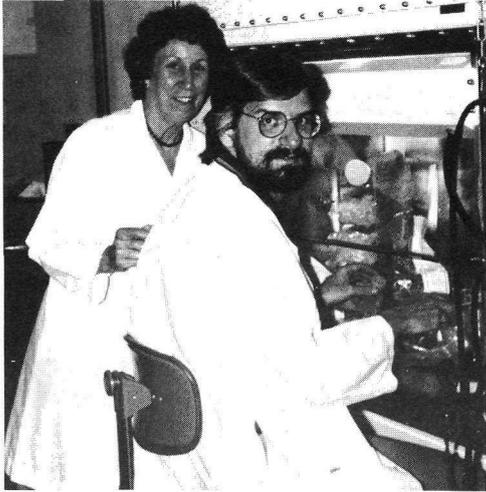
### Medical Pathological Waste—(MPW)

### Chemical Waste

### Radioactive Waste

*The Division of Safety has revised the "Waste Disposal at NIH" calendar. The calendar, in an easily usable manner, includes packaging guidelines and information about general waste, chemical waste, medical pathological waste and radioactive waste. A sample of the calendar affixed to a poster may be found in several locations throughout the campus. If you do not have one available for your work area, please order by calling your safety and health consultant at 496-2346 or the Environmental Protection Branch at 496-7990.*

## Mildred Shoemaker Retires; Outstanding Lab Technician



*Mrs. Shoemaker is shown instructing Dr. Karl Belanger, a visiting fellow from Montreal, Canada, in tissue culture techniques.*

Mildred Shoemaker is retiring from the National Cancer Institute after 19 years of service.

Mrs. Shoemaker began her career in February of 1967 as a GS-2 laboratory worker in the

Laboratory of Chemical Pharmacology. For 19 years she has worked in Bldg. 10 and is currently a biological laboratory technician in the Clinical Pharmacology Branch.

Throughout her career at NIH, Mrs. Shoemaker has continually excelled in assisting investigators with their research during their temporary appointments at NCI. A cash award and two quality step increases attest to her exceptional performance.

Her technical experience in animal handling and tissue culture methods has been an essential asset. This has helped in the research projects and training of clinical associates and visiting scientists who have come to NIH from across the United States as well as other countries.

Mrs. Shoemaker has been a long-time resident of Montgomery and Frederick counties of Maryland. She has been active over the years in several charity and fund-raising organizations.

After her retirement in June 1986, she and her husband will spend much of their time at their home in the mountains of West Virginia. □

## Dr. William Paul, NIAID Elected President, AAI

Dr. William E. Paul, chief of the Laboratory of Immunology (LI), National Institute of Allergy and Infectious Diseases, has been elected president of the American Association of Immunologists (AAI) effective July 1. He is currently the association's vice president and has been a councilor for the past 4 years.



*Dr. Paul*

## Adley Atkinson Retires After 25 Years at NINCDS

Imagine logging in 1.2 million vials of serum from pregnant patients, checking the contents of the vials, recording their volume, and properly identifying and coding them. Adley Atkinson—everybody calls him "Jerry"—was the right person for the job when he worked for the NINCDS Perinatal Research Branch in 1959. The vials are still in the refrigerators in Bldg. 13 for use by scientists—a legacy of sorts from the recently retired Mr. Atkinson.

"He did a good job," says Dr. John Sever, chief of the NINCDS Infectious Diseases Branch. "We can still find the samples 27 years later."

In Mr. Atkinson's long career with the NINCDS, the vials were only one—or only 1 million—of many challenges. He joined the Institute in 1958 as a messenger for the Collaborative and Field Research Division of the Perinatal Research Branch. He then worked as a stock handler for the branch, sorting 60,000 questionnaires in addition to cataloguing the vials.

In 1971, he switched gears and became an animal caretaker. Seven years later, he became a bio lab tech (animal handler) with the Experimental Pathology Section of NINCDS's Infectious Diseases Branch. Mr. Atkinson completed his career by working on studies of AIDS—a major research effort of the 1980s—just as the



*Mr. Atkinson*

Collaborative Perinatal Project was a major research focus of the 1960s.

When he retired in April, he left a close-knit group in the Experimental Pathology Section. All eight of the employees have been together since 1970. "It's like a family," says Mr. Atkinson, who is the first of the team to retire.

He will now have more time to devote to his other family, which includes two children and a grandchild on the way. This new man of leisure also plans to indulge in his hobbies of landscaping, interior decorating, and restoring old cars. □

A distinguished cellular immunologist, Dr. Paul came to the NIAID in 1968 with Dr. Baruj Benacerraf, now a Nobel laureate, from the New York University (NYU) School of Medicine.

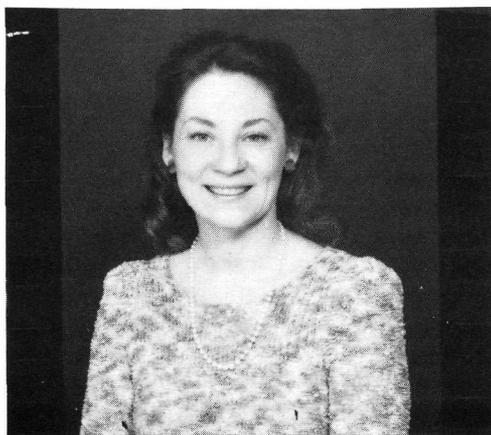
In 1970, Dr. Paul became chief of the Laboratory of Immunology which, under his leadership, has become one of the world's leading centers of immunologic research. He is widely recognized for his research on the initiation and regulation on B-lymphocyte activation, differentiation and proliferation; the function and structure of B-cell stimulatory factor-1 and its receptor; interactions between immunocompetent cells; and gene expression in lymphocyte subpopulations.

A past president of the American Society for Clinical Investigation, Dr. Paul has served on the scientific review boards of the Howard Hughes Medical Institute and the New England Regional Primate Center. He chairs the scientific advisory committee of the Cambridge (U.K.) Branch of the Ludwig Institute for Cancer Research, and is a member of the board of scientific advisors of the Jane Coffin Childs Fund for Medical Research and of the board of scientific consultants of the Memorial-Sloan Kettering Cancer Center. He is a member of the board of basic biology of the National Research Council. □

## Joan Jacobs Appointed Dir., Extramural Assocs.

Joan S. Jacobs has been appointed director of the Extramural Associates Program in the Office of Extramural Research and Training, OD.

The Extramural Associates Program is designed to promote the entry of minorities and women into NIH supported research. Under the program, administrators from schools which contribute significantly to the pool of minorities and women researchers are brought to Bethesda for a 5-month residency program.



Ms. Jacobs

Prior to coming to NIH, Ms. Jacobs was with the Alcohol Drug Abuse and Mental Health Administration (ADAMHA) where she held the positions of civil rights coordinator and special assistant to the associate administrator for extramural programs.

She received a B.A. in government in 1962 from the University of Michigan, and attended Howard University in 1967 where she studied secondary education. In 1974 Ms. Jacobs received an M.P.H. in public health education from the University of Hawaii School of Public Health.

Her career has been marked by a continuing commitment to equal opportunity and advancing public health and research opportunities for minorities and women. Prior to entering the Federal service, she spent 2 years teaching social studies in the public schools of the District of Columbia, and held a number of health education positions in local health and voluntary organizations.

Ms. Jacobs is a member of numerous professional organizations. She has demonstrated qualities of leadership through service on several PHS committees and through involvement in community affairs, including serving as chairperson of the board of the Community Clinic of Maryland. In 1985 she was awarded the PHS Outstanding Handicapped Employee Award. □

## Dr. Elbert Peterson, Protein Chemistry Pioneer, Retires After 36 Years; Symposium To Honor

Dr. Elbert A. Peterson, a pioneer in protein separation chemistry, will retire after working 36 years in the NCI Laboratory of Biochemistry. He has been chief of the Protein Chemistry Section since 1960.

The Laboratory of Biochemistry is sponsoring a symposium in honor of Dr. Peterson.

The symposium will be held Wednesday June 25, from 1 to 5 p.m. in the ACRF Amphitheater in Bldg. 10.

Among his many scientific inventions, Dr. Peterson is best known for cellulose ion-exchange chromatography, which he developed in collaboration with the late Dr. Herbert Sober. The scientists jointly received the 1971 Hillebrand Award from the Chemical Society of Washington for this work.

Like cellulose ion-exchangers, many of Dr. Peterson's inventions are basic tools in the research laboratory. Other scientists have cited his works so often that he has been among the 100 most-cited authors in scientific literature published in the 1950s and 1960s.

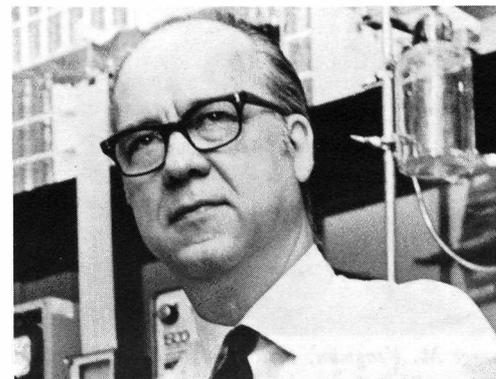
In earlier column separation methods, charged resin beads attracted molecules with an opposite charge. But because of irreversible binding and low capacity, the proteins could not be easily separated and the process was slow.

Drs. Peterson and Sober developed a method that used charged cellulose to bind the proteins more gently so that the molecules could be sequentially isolated. They also fine-tuned a way to manipulate the rate that proteins migrate through the ion exchanger: different solution strengths to decrease the attractions between the protein and the cellulose.

"The Peterson-Sober cellulose ion-exchangers provided a revolutionary improvement in researchers' ability to isolate and purify proteins from complex mixtures," says Dr. Michael Mage, Laboratory of Biochemistry. Dr. Maxine Singer, chief of the laboratory, adds "There is barely a protein purification method used today that does not depend on the Peterson-Sober method. Its impact on biochemistry has been enormous."

Dr. Peterson also invented ways to separate other biological elements. For example, in the mid-1960s, Dr. Warren Evans, Laboratory of Biochemistry, needed a way to separate bone marrow cells more precisely while keeping the cells intact. Dr. Peterson worked out a way to use normal gravity conditions to separate cells in lucite chambers containing shallow sucrose gradients (increasingly dense solutions).

He pumped the solution up under the cell mixture, which caused the cells to form a thin layer that rose in the chamber. Later the cells



Dr. Peterson

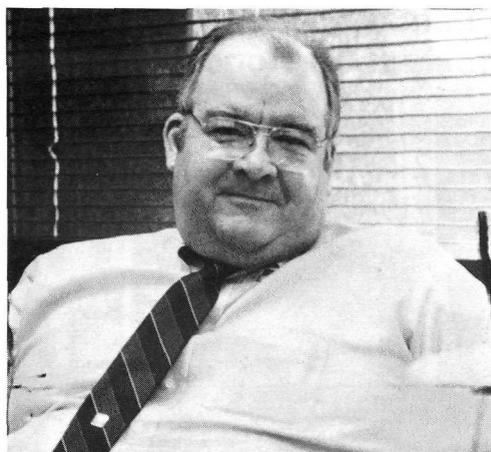
settled down at unit gravity and distributed themselves according to size and density. This method led to the purification of committed stem cells and granulocytic leukocyte precursors, blood cells found normally in bone marrow but also in the blood of patients with myelogenous leukemia.

In the late 1970s, Dr. Peterson developed protein displacement chromatography, a high-capacity separation method that produces protein bands of very high resolution. Charged polymers (compounds with repeated subunits) are dropped through an ion-exchange matrix that is studded with bound molecules from the protein mixture. The polymers, under conditions where they are highly charged, displace the proteins, which are less charged. The protein molecules with the least charge will be displayed first and the most charge last.

Dr. Anthony R. Torres, Yale University, worked with Dr. Peterson on the protein displacement chromatography. He says, "El Peterson is a precision expert with a vast understanding of physical chemistry. When I was a trainee working under him, he spent hours patiently showing me the physical principles that underlie protein chemistry. I was very lucky." Dr. Torres will be a speaker at the symposium honoring Dr. Peterson.

Dr. Ed Kuff, deputy chief, Laboratory of Biochemistry, remembers the same traits. "El has the great ability to penetrate problems, always finding new questions to answer or new modifications that extend the power of his analytic approach."

Before coming to NCI, Dr. Peterson was co-inventor on five patents for polymer synthesis. These patents are assigned to Shell Development Company where Dr. Peterson worked after earning his B.S. in chemistry from the University of Chicago. He received his Ph.D. in biochemistry from the University of California, Berkeley, in 1951. □



George M. Kingman, director of NIEHS' Office of Program Planning and Evaluation for the past 9 years, has retired after more than 30 years Federal service, the last 18 at NIEHS.

## Dr. Alison Wichman Runs Boston Marathon; 1988 Women's Olympic Trials May Be Next

Alison Wichman, the NINCDS neurologist who was the 49th woman to finish last month's Boston Marathon, thinks everyone ought to strive to meet his or her own potential as an athlete and a healthy person.

So it comes as something of a surprise to hear her thoughts on running: "My philosophy about running is that it's bad for a lot of people."

This conviction did not come to her at mile 24 of the oldest marathon in the United States, run every year on Patriot's Day along the 26 miles, 385 yards that separate Hopkinton, Mass. from Boston.

"That's the point at which I thought of never running in the Boston Marathon again," she said.

"Marathons are wild, crazy stuff—they're only for a minority of people," she added. "But it's important to reach your own potential. General conditioning is good for everyone."

Dr. Wichman, a clinical neurologist in the Clinical Center for the past 4 years, has been an athlete all her life. A native of Lexington, she was several times a state champion in equestrian, a horse-riding competition.

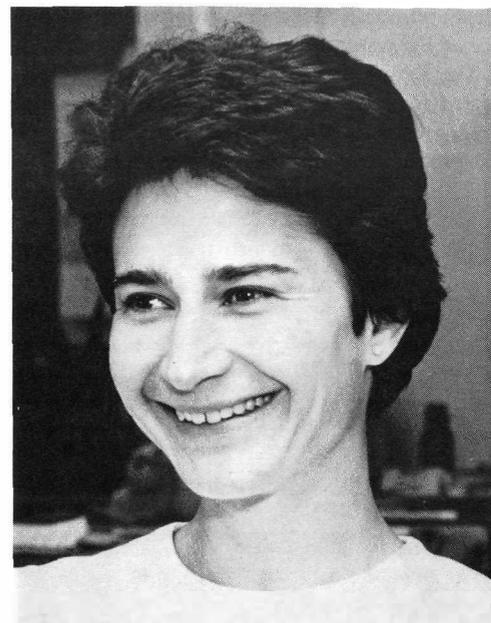
Boston was only her second marathon—she qualified for the race last November by finishing Washington's Marine Corps Marathon in 3 hours, 7 minutes. Her Boston time of 3:02:45 was just a few minutes longer than the goal she had set for herself. If she can run next November's Marine event in under 2:59, the 1988 women's Olympic trials qualifying time of 2:51 looms as her next challenge.

"Marathoning is an experience not easily replaced," Dr. Wichman said on a recent afternoon as she sat letting her blisters heal. "It's like dog sledding across Canada or jumping out of airplanes—you do it with yourself. It's a meeting with your own mind."

"I've only been running competitively for the past 3 years," she said. Daily 7-10 mile jogs through Rock Creek Park kept her fit for the 10,000-meter races she was used to running. But marathons demanded a more rigorous training regimen. To prepare for Boston, Dr. Wichman added a long run—2 to 3 hours worth—to her weekend workouts.

Up until 2 weeks before Boston, she ran regularly with training partners Drs. Phil Snoy, an FDA veterinarian, and Jo White, an internist with NEI. Then she eased up in the 2 weeks prior to Boston, taking off the last 2 days before the race.

"You treat yourself nicely the last 2 weeks," she said. "The most important ingredients for a successful marathon are to be well-rested and



Dr. Wichman

well-hydrated." Already a vegetarian, Dr. Wichman thinks a proper diet is essential for running well, although there is controversy about what an ideal marathon diet might be.

Dr. Wichman resumed her noontime runs 4 days after the marathon. Her next goal is to compete in Baltimore's Bud Light Triathlon this June.

"Triathlons are more fun than any marathon, and shorter too," she said. The Baltimore event will merely require that she swim more than a mile, bike about 25 miles, and run 10,000 meters.

"That'll help me prepare for the next marathon," she said.

Though Boston may appeal to her next year, for now she is happy to have competed successfully. "It's a wonderful experience for someone to do," she said. "Once."—Rick McManus □

## TDSP Offers College Credits, Job Training Combined

Training Development Services Program (TDSP) is currently recruiting new participants who are interested in improving job skills and gaining college credits at the same time. All classes are approved by NIH as job-related and provide skills which can be used to improve present job performance, or for career mobility. TDSP offers two levels of coursework, depending on an individual's need.

An orientation session explaining the program will be held June 30 in Rm. B2C06, Bldg. 31. The Developmental Services Curriculum (DSC) offers college courses taught by experienced Montgomery College faculty. Courses offered include English composition, computer applications, speech, American government, introductory psychology, college survival, and several math courses.

The Learning Services Curriculum (LSC) provides classes to prepare for college level work. It offers the opportunity to review study habits and practice successful skills for learning. These courses are also taught by Montgomery College faculty.

A Learning Lab, located in Bldg. 31/B3C02C, offers individual tutoring and support for program participants.

Persons who meet the following criteria are eligible to enter the TDSP:

All GS-8 (or WG equivalent) and below NIH employees who are in 1-grade promotional series; have permanent appointments and work at least 32 hours per week; have a high school diploma or GED but do not possess a bachelor's degree; and have been employed at least 1 year at NIH Bethesda campus. There is no charge to you or your institute. □

## Workshop on Molecular Biology To Be Held June 24-25

The Bio-organic & Natural Products Chemistry Study Section is sponsoring a workshop entitled "Application of Molecular Biology Techniques to Bio-organic Chemistry" on June 24 from 2-5 p.m. and on June 25 from 9 a.m. to 5 p.m. in Rm. C104 of the Medical-Dental Bldg., Georgetown University.

The workshop is open to anyone who wants to attend, space permitting. If you wish to attend, contact Dr. Michael E. Rogers at 496-7101. □

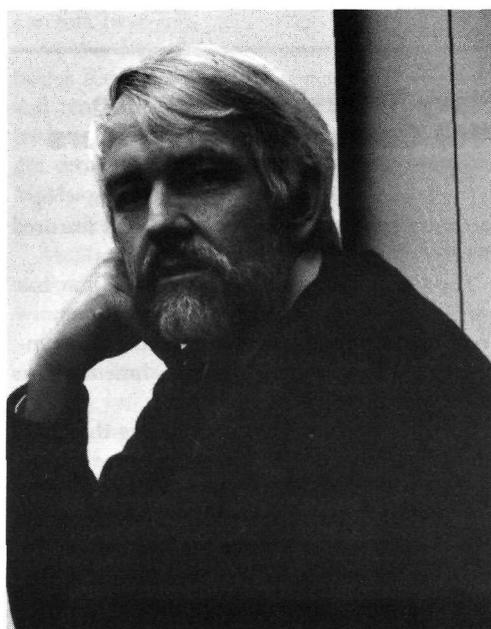
## Earphones for Hearing Impaired Available at Masur Auditorium

In case you hadn't noticed, a neat blue and white sign stating, "Listening Device Available for the Hearing Impaired" now stands at the entrance to Masur Auditorium in the Clinical Center.

About a year ago, the SOUNDplus System was installed in the auditorium by Controlonics Corporation. The system, activated from the audiovisual booth at the beginning of each program in the auditorium, permits sound transmission (lectures, music, etc.) to be picked up by a lightweight (2½ ounce) headset receiver. The receiver—worn like the upside-down headphones used for movies on airplanes—permits audio quality and volume-level control at both ears. It also provides clear sound transmission in a way that does not involve wires and plugs.

"The headset receiver is an excellent listening device for individuals with mild to severe hearing loss," said Julie Haller, chairperson of the Handicapped Employees Committee and a frequent user of the receiver. "However, totally deaf persons would not benefit from the device."

To obtain a headset receiver, check with an audiovisual technician prior to a program in Masur, or call the Audiovisual Department, 496-3086. □



Dr. Gary A. Boorman has been named chief of the Chemical Pathology Branch of the Toxicology Research and Testing Program within the National Institute of Environmental Health Sciences at Research Triangle Park, N.C. As chief, Dr. Boorman will head the group that interprets evidence of biological injury obtained from 2-year studies. Dr. Boorman has served as acting branch chief since 1983.

## Dr. A. Ganz, NIDR, Retires After 24 Years at NIH

Dr. Aaron Ganz, special assistant for centers and special programs in the NIDR Extramural Programs, recently retired after 24 years in the Federal Government, all with NIH.

Since joining the NIDR staff in 1968, Dr. Ganz has played a key role in developing research interest and support in pain studies and the behavioral sciences.

He has held several NIDR leadership positions including chief, Office of Program Planning and Evaluation; chief, General Oral Sciences Program; and chief, Pain Control and Behavioral Studies Program Branch.

In his most recent position, Dr. Ganz was responsible for administering the Institute's extramural program of research support for large grants including program projects, the Dental Research Institutes and Centers, and a new program of NIDR-supported categorical and thematic centers.

He came to NIH in 1962 as chief of the Research Career Program in NIGMS. In 1964 he became NIH training grants and fellowship officer in the Office of the Director.

Raised in Chicago, Dr. Ganz completed undergraduate work at the University of Chicago and received a Ph.D. in pharmacology from that institution in 1950. He was also a Lederle fellow in pharmacology in 1949 and an atomic energy predoctoral fellow in 1950, both at the University of Chicago.

Prior to his NIH service, he was associate professor of pharmacology at the University of



Dr. Ganz

Tennessee Medical Unit, Memphis, and also held summer appointments as a research participant in the medical division of the Oak Ridge Institute of Nuclear Studies.

Dr. Ganz has authored numerous publications. His specific research interests include biosynthesis and metabolism of radioactive drugs; nicotine metabolism; phagocytosis; reticuloendothelial system; blood-brain barrier; pain and behavior. He is a member of the American Society of Pharmacology and Experimental Therapeutics, an honorary member of the American Dental Society of Anesthesiology, a founding member of the International Association for the Study of Pain, and a fellow of the American Association for the Advancement of Science. □

## First NIH Photo Salon Exhibits 71 Photographs

More than 365 people visited the first annual NIH Photography Salon Apr. 29-May 1 in the Visitors Information Center, Bldg. 10/ACRF. The exhibit was jointly sponsored by the FAES, NIH R&W, and NIH-R&W Camera Club.

The 71 photographs shown included the work of Janet Beattie (FAES), Louise Corwan (NHLBI), Holly Giesen (CC), Jack Hahn (DRR), Joe Harford (NICHD), Gretchen Jones (NHLBI), Francis Kendrick (DRR), Lois Kochanski (FAES), Kenneth Rhodes (Camera Club), Joy Richmond (NLM), Richard Sloane (NIEHS), Richard Sprott (NIA), Peggy Swift (NIDR), and Robert Young (NCI). Also exhibited were portraits by John Boretos (BEIB, DRS), the FAES Graduate School photography instructor.

FAES photography sessions will begin again in the fall with a beginners' "How to Take Pictures" class and an advanced "Color Scenic Techniques" class. Information on the classes may be obtained by calling 496-7976.



NIH professional photographer Bill Branson, (l) Medical Arts and Photography Branch, DRS, joined John Boretos in viewing the work of NIH amateurs at the first annual Photography Salon.

FAES Graduate School catalogs will be available in July at the FAES Bookstore, Bldg. 10, Rm. B1L101. □

## NCI TV Project on Diet and Cancer Draws Well

How can NCI increase TV cancer prevention programming? That was the question examined late last month at a broadcasters meeting held by NCI's Office of Cancer Communications.

The participants—all professional television producers—came from distant stations to see the results of an NCI pilot project they took part in last winter.

During January and February, several commercial stations were asked to produce a program on the subject, "Diet: the Good News About Cancer." NCI offered each station a half-hour script, slides, a videotaped interview with NCI Director Dr.



Dinah Shore

Vincent T. DeVita Jr., a short feature narrated by Dinah Shore and production instructions.

Initially five stations took part in the test—WSBK-TV Boston, WTOL-TV Toledo, KXTV-TV Sacramento, KTLAO-TV Los Angeles, and WKYT-TV Lexington, Ky. At least one more, WPGL-TV Miami, will present a version later this year.

At the review meeting, the broadcasters viewed tapes of their productions and then shared their experiences in turning identical NCI materials into localized programs. They agreed the TV package was generally easy to use, but several producers suggested improvements.

Shows on the subject of diet and cancer prevention appeared to be popular with listeners, the broadcasters indicated.

The program director for KXTV-TV, Sacramento, who was unable to attend the



Some TV broadcasters from around the Nation recently came to NCI to evaluate a TV "Diet and Cancer" pilot program aired by their stations last winter. Rose Mary Romano (far r), chief of NCI's Information Projects Branch, holds the new TV package with (from l) Maria Morningstar, WTOL Toledo; Sandra Shropshire, WKYT Lexington; Robert Byrd, WGPR Detroit; and Eileen Cushing-Craig, WSBK Boston.

meeting, reported by telephone that his Sunday evening program generated more than 2,000 calls for an NCI booklet that was offered.

In Lexington, according to the WKYT producer at the meeting: "We were bombarded with phone calls. There was more interest in this program than for any other health show we've done."

The program's effect in Toledo was described as unusually long lasting. According to the WTOL producer, calls for the NCI booklet continued for several weeks.

After improvements, based on comments from the broadcasters are made, 50 program packages of "Diet: the Good News About Cancer" will be circulated to other television stations through the nationwide Cancer Information Service. Individual station requests will also be filled by the Office of Cancer Communications. □



Dr. Thomas L. O'Donohue, head of NINCDS's Neuroendocrinology Unit, has been named a Distinguished Young Scientist for 1985 by the Maryland Academy of Sciences. The neuroscientist was honored "for his identification of multiple neurotransmitters in neurons of the central nervous systems of mammals," an achievement that dispelled the widely held belief that nerve cells contain only one neurotransmitter. Dr. O'Donohue has also identified a natural substance which interacts with PCP (phencyclidine) receptors in the brain. PCP causes schizophrenic symptoms in humans. The identification of this new substance may help scientists learn more about the neurological basis of psychiatric disorders.

## 'Navy Times' Will Feature PHS Commissioned Officers

PHS commissioned officers have a new opportunity to see their accomplishments featured in print.

The Commissioned Officers Association has worked out an arrangement with the *Navy Times* to run stories promoting the PHS commissioned corps and the accomplishments of its officers.

Commissioned officers who believe they have made significant contributions or have interesting avocations are encouraged to draft articles for PHS transmittal to the *Navy Times*. In addition, articles relevant to commissioned corps programs, projects, research, patient care, etc. would be appropriate for publication in the *Navy Times*.

Articles should be typed as a draft and submitted to HS DIR John Biedenkapp, ODB/CPOD, Room 4A-18, Parklawn Building, 5600 Fishers Lane, Rockville, MD 20857.

After review and clearance, the articles will be submitted to the *Navy Times* for possible publication. That publication is available at all Navy exchanges and by direct subscription. □

## Judo Club To Start Classes; Dr. Malone Chief Instructor

The NIH R&W Judo Club is accepting applications for the summer beginner's class. This series of 10 classes in basic judo will be held Tuesday evenings, from 6 to 7:30 p.m., June 24 through Sept. 2. Because this schedule is likely to compete with vacations, extra classes may be scheduled so that the course can end at an earlier date.

Classes will be held in the old gymnasium of Stone Ridge School, at the corner of Cedar Lane and Wisconsin Ave. Dr. Thomas Malone, NIH Deputy Director, will serve as chief instructor, for the classes.

Members who complete this course—cost

\$35—will be eligible to continue in the NIH Judo Club and to be considered for promotion, either through competition in tournaments or as a noncompetitor.

Applications can be obtained from Dr. Malone, Bldg. 1, Rm. 132, 496-2121, or from the R&W Activities Office, Bldg. 31, B1W30, or any R&W Gift Shop.

Interested persons should return the completed form to Dr. Malone immediately to ensure a place in the limited class. Those accepted will be notified as soon as possible.

For further information, call Stephanie Harrison, 496-1218. □

## ACTRESS

(Continued from Page 1)

Asked, "Is there something in particular about playing a psychiatric nurse that really caught people?" She replied:

"I didn't play her [Nurse Ratched] as a psychiatric nurse. I did a lot of research, of course, to look credible, but I just played her as a very controlled person and someone who knows best and has decided she always knows best. But this time something happened that never happened before. When this guy came there she had never encountered anyone just like that and it shook her up. She began to lose control and that frightened her very much.

"But I played her as a real person, I tried to make her real. In the book [by Ken Kesey] she was just a robot . . . a black-and-white person, no colors and shadows and grays."

In reply to another question, she said she did not think director Milos Forman consciously set out to make the mental health field look bad.

"The director always said, 'I'm just telling one little story, about one little place, with these people.' Of course, he was a Czech refugee and the story could have been his . . ."

The film does depict Nurse Ratched and the doctors who inflict electroshock as concerned with imposing their will on the patients and as subtle saboteurs of whatever self-direction the patients have left.

In the film, McMurphy was able to crack Nurse Ratched's absolute control over the ward and temporarily rally the five or six principal patients against her. They trash the ward and get drunk on booze brought in by two of McMurphy's streetwalker girl friends on an illicit visit.

McMurphy has a chance to escape by leaving with the women when they exit through a window.

But "Chief," a "hysterical" mute Indian giant who McMurphy has befriended and got to talking, can't get through the small window so McMurphy stays.

Ultimately, McMurphy is lobotomized and turned into a mental 'vegetable' by excessive electroshock—thus being made to pay for 'rebellion' against (hospital) authority.

"Chief," driven to sobbing fury by the mutilation of his friend's mind, smothers him with a pillow and then rips a huge metal console from its bolted-down mount and hurls it through an outer wall of the psychiatric ward.

Leaping through the hole, the giant Indian—now shown in slow motion—is seen loping with giant strides into a distant golden glow as the film fades out.

Immediately after the film's release Ms. Fletcher said she got mail of varying views

"from all kinds of people: from patients, ex-patients, doctors and others. . . ." And she was chased at an airport once because "somebody wanted to kill me because I was such a rotten person . . . They tended to believe that I could really be like that."

A graduate of the University of North Carolina, the Alabama-born (Birmingham) actress played her first major roles in *Playhouse 90* dramas. Her most recent released film was *Brainstorm* (1983) in which she played a woman research scientist who dies of a heart attack induced by the research. This is the film that actress Natalie Wood had not completed when she drowned.

Ms. Fletcher's latest film, yet to be released, is *Nobody's Fool* in which she plays a "clinically depressed mother," another role with a psychiatric twist.—H.C. □

## NIH's R&W Association Voted No. 1 in Nation

NIH's Recreation and Welfare Association was named the number one outstanding overall employee services and recreation program in the Nation by the National Employee Services and Recreation Association.

The Eastwood Award recognizes the achievements of employee services programming that provide outstanding opportunities for mental, physical and social development of employees and their families. NIH and R&W were selected for the award from over 4,000 companies from private industry, military and government agencies.

Criteria used for the award were programs and services offered, facilities utilized, development and uniqueness of programs, unusual challenges, development of voluntary leadership, significant accomplishments, long-term growth and stability of services, and budget management.

Congratulations to Randy Schools, general manager, and all staff involved in making NIH's R&W Association number one in the Nation! □

## NIGMS Director Honored By Medical College of Ohio



Dr. Kirschstein

Dr. Ruth L. Kirschstein, Director of the National Institute of General Medical Sciences, received an honorary doctor of science degree from the Medical College of Ohio (MCO) in Toledo on June 6. She also gave the commencement address, "To a Future of Excellence," to the graduating class of medical doctors, doctors of philosophy in medical sciences, and master's of science in nursing.

Dr. Kirschstein was honored for "her preeminent support of science and academic excellence, which is the basis for progress in medicine," according to Dr. Frank G. Standaert, vice president of academic affairs and dean of the school of medicine at MCO.

Among her 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; the PHS Special Recognition Award in 1985; and the Presidential Distinguished Executive Rank Award in 1985. She was elected to the Institute of Medicine, National Academy of Sciences in 1982. In 1984, Dr. Kirschstein received an honorary doctor of science degree from the Mount Sinai School of Medicine; the following year, she was awarded an honorary doctor of laws degree from Atlanta University. □

## Female Volunteers Needed For Blood Pressure Study

Female volunteers on Tenormin (Atenolol) are needed for a study on high blood pressure medications by the Uniformed Services University of the Health Sciences School of Medicine. Participants must be currently married; each will receive \$40. If interested, call Robin Hill at 295-3279 or 295-3263. □



## Cong. Waxman Saluted On Mideast Health Study

Congressman Henry A. Waxman (Calif.) was recently presented a plate commemorating a collaborative project on vector-borne diseases involving U.S., Egyptian, and Israeli scientists. Mr. Waxman met with Dr. Sanford Kuvin, founder and chairman of the International Board of the Kuvin Center for the Study of Infectious and Tropical Diseases at Hebrew University, Jerusalem, Israel; Drs. Rachel Galun, also of Hebrew University; and Sherif El Said of Ain Shams University, Cairo, Egypt. (See picture.)



A commemorative plate is displayed by Congressman Henry A. Waxman (Calif.) (second from l) for his continuing support of the USAID's Middle East Regional Cooperative Program legislatively initiated by him in 1978, and under which the NIAID project is funded. Standing with Cong. Waxman are (l to r): Drs. Sanford Kuvin, Rachel Galun and Sherif El Said.

Drs. Galun and El Said are the principal investigators on contracts awarded by the National Institute of Allergy and Infectious Diseases to study the epidemiology and control of Malaria, Rift Valley fever, filariasis, leishmaniasis, and rickettsial diseases in Egypt and in Israel. This 5-year, \$7.1 million dollar trilateral project is managed by NIAID and funded by the U.S. Agency for International Development.

The scientists and Congressman Waxman later testified before a specially convened May 6

## John D. Mahoney Named NIH Administration Chief

NIH Director Dr. James B. Wyngaarden recently appointed John D. Mahoney as NIH's Associate Director for Administration. Mr. Mahoney succeeds Calvin B. Baldwin who retired from NIH in January.

Prior to joining NIH, he served as director, Office of Financial Management and Administration Systems for the Health Care Financing Administration in the DHHS.

Mr. Mahoney received his B.S. in 1966 and M.B.A. in 1968, both from the University of Maryland. He also attended New York University from January 1978 to January 1979 studying health policy/public administration.

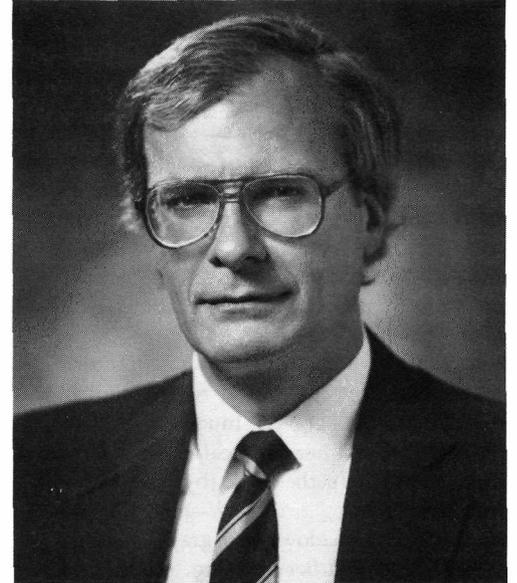
He has served the Public Health Service in several positions since 1970. These were chief, Budget Branch, Office of the Assistant Secretary for Health, 1979-1984; director, Division of Financial Management, Alcohol, Drug Abuse and Mental Health Administration (ADAMHA), 1975-1979; acting director, Division of Financial Management, ADAMHA, 1974-1975; chief, Budget Management Branch, ADAMHA, 1972-1975; and as a budget analyst for the National Institute of Mental Health, 1970.

A recipient of the Secretary's Award for Exceptional Achievement in 1983 as well as the PHS Superior Service Award in 1982, Mr. Mahoney has also received PHS's Special Recognition Award in 1976 and Special Achievement Award in 1974.

A native of Northampton, Mass., he resides in Brinklow, Md., with his wife, Lynn, and

hearing of the Foreign Affairs Subcommittee for Europe and the Middle East. The scientists presented a status report of their coordinated research studies and were joined by Mr. Waxman in urging support for the future funding necessary to continue this important project. □

*Reflect on your blessings, of which all men have many; not on your past misfortunes of which all men have some.—Charles Dickens*



Mr. Mahoney

two daughters, Kathleen, 8 and Maureen, 6. □

## DR. GERBER

(Continued from Page 1)

Her WISE Award nomination cited not only the medical benefits of bracing for patients with OI, but also the social advantage it gives children. In the first group of patients to use the device, all children were able to avoid using wheelchairs, and were expected to follow normal schooling.

Seventeen outstanding women scientists in Federal service were nominated by their agency heads for the award. They came from such diverse places as the Smithsonian Institution, CIA, NASA, and the Postal Service.

"I'm very impressed with the intentions of the Interagency Committee for Women in Science and Engineering," said Dr. Gerber. "They want to attract women to scientific careers and recognize them for their achievements. I think that's commendable." □

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