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The NIH Record

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National
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National Disaster Medical System—Stage Two

It could have been a scene out of the television series 'M*A*S*H,' only these people were sweating profusely, and the sun wasn't even out.

Last month, some 35 NIH volunteers to the newly organizing National Disaster Medical System (NDMS) went out into the wilds of Ft. A.P. Hill in Virginia and for 2 days practiced caring for injured people at the site of a simulated catastrophe.

The injured were actually healthy troops from Ft. Meade in Maryland. Artists specializing in moulage—fake wounds—gave the GIs everything from bullet wounds through the arm to amputated legs.

The men and women from NIH met the injured in the field, just as they would in a real disaster. They carried the wounded to and from helicopters on stretchers. They made diagnoses on the spot as helicopter blades beat over their heads.

They ate cold C-rations from plastic bags.

The September field exercise took CC physicians, X-ray techs, nurses and other professionals away from their normal surroundings and planted them in canvas tents in the middle of a 77,000-square-acre military reservation located 100 miles from Masur Auditorium. Out there they were expected to hone the "field living skills" that will be needed at the site of a disaster and to operate a casualty clearing unit.

Training included classes in burn and wound management, tent erection, bandaging and splinting, litter carrying,



Dr. David Asher of NIH, a volunteer with the National Disaster Medical System, helps a casualty during a recent disaster drill. More than 30 NIHers have volunteered thus far.



NIH volunteers to the National Disaster Medical System practice clearing casualties from the site of a catastrophe. A 2-day exercise in clearing and staging was held in September at Ft. A.P. Hill in Virginia.

triage decisions and that old standby—field sanitation and hygiene.

Technically known as "Wounded Eagle III," the military-sponsored exercise included members of the Army, Air Force, National Guard and the Public Health Service.

How did PHS find its way into such tough company?

Not quite a year ago, Dr. Edward N. Brandt, Jr., Assistant Secretary for Health and the government's top health adviser to the disaster medical system, asked NIH administrators to develop a prototypical "clearing staging unit."

These units, to be made up of physicians, nurses, medics, surgical techs, lab specialists, pharmacists, engineers—in short, a whole CC in miniature—were to be staffed by volunteers who would become models for a national organization. This larger organization would consist of dozens of clones of the NIH team.

Like the NIHers, volunteers to NDMS would train about 5 to 7 days a year (physicians and nurses slightly longer) and be ready, after a suitable period of training, to work for a maximum of 2 weeks at the jaws of disaster.

By next autumn, so a government memo reads, the NDMS demonstration teams will be trained, equipped and fully operational.

The NIH team has already completed several phases of training, including classes and field work at Andrews Air Force Base and at A.P. Hill. Their next step is to help establish a training program for other volunteers based on their experiences at those bases. Interagency negotiations are under way now to start formal training for physicians, nurses and medical assistants of the unit.

Eventually, the NIH team will become part of a national organization consisting of civilian hospitals, other clearing staging units, mobile surgical hospitals (MASHs) and specialized teams designed to respond to major national disasters such as earthquakes, fires and floods.

Though treatment of injuries such as bullet wounds makes the venture sound suspiciously like preparation for war, the NDMS is considered a response to a civil, not military, disaster. The moulage men made bullet holes because it wasn't just a PHS exercise, but a military workout as well.

The best moulage of the day was discovered by Tom Cloutier of NIH. The freeze-dried fruitcake from his lunchtime C-ration bag looked worse than any injury seen during the exercise.—Richard McManus □

Emergency Telephone Stickers To Be Distributed October 9–11

The Division of Safety and the Division of Engineering Services, ORS, are pleased to provide all NIH employees with new telephone stickers which list the three emergency telephone numbers at NIH. The stickers will be distributed desk-to-desk during Fire Prevention week, Oct. 9–11.

The emergency telephone numbers should be used under the following circumstances:

- Dial 116 to report a fire, explosion or laboratory emergency and to request emergency ambulance services. The NIH Fire Department responds to all 116 calls. Report nonemergency fire situations to the NIH Fire Department at 496-2372.
- Dial 115, the emergency police telephone number, to report imminent dan-

(See STICKERS, Page 11)



The NIH Record

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TRAINING TIPS

The following courses are sponsored by the Division of Personnel Management.

<i>Executive, Management, and Supervisory</i>	<i>Course Starts</i>	<i>Deadline</i>
Dynamic Listening Strategies for Managing the Work Environment	11/15	11/2
	11/14	11/2
<i>Technical</i>		
Letterwriting for Secretaries	12/5	11/21
Effective Office Management	10/29	10/18
Self Assessment and Career Options	10/30	10/19
Self Assessment and Career Options for Professionals	11/1	10/18
<i>Administrative</i>		
Travel Orders & Vouchers	11/5	10/22
	12/3	11/19
Time & Attendance	11/1	10/18
	12/10	11/26
DELPRO (for new users only)	*10/22	10/10
	11/5	10/22

*Date changed from Oct. 1 to new date.

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

Life is not a spectacle or a feast; it is a predicament.—George Santayana

Your purpose in life is simply to help on the purpose of the universe.—G. B. Shaw

Warning: Nunc Cryotubes Could Explode Accidentally

Recently at the NIH, several Nunc Cryotubes exploded soon after removal from liquid nitrogen. Fortunately, there were no serious injuries, but valuable research materials were lost.

The tubes involved were substandard and were not withdrawn from use during a recall program initiated by the distributor, Vanguard International Inc. The recall covered Cryotubes manufactured between June 1979 and June 1981. They can be identified by checking the data on the red control slip inside the box.

If you have any of these tubes or, if you lack the control slip and have tubes which seem brittle and easily crushed, call the Inspection Operations Section, Quality Assurance Branch, at 496-5075 for instructions on how to dispose of them. The tubes in question are described on page 72 of the NIH Supply Catalog.

In addition to inventories, researchers may have some of the substandard tubes stored in freezers, the Division of Safety notes. This possibility underscores the need to wear personal protective equipment when handling cryogen-stored samples—at a minimum, face shields and insulated gloves, and, ideally, lab coat and rubber apron, as well.

A safety notice, including instructions for handling Cryotubes, is available from the Safety Operations Section, Division of Safety, 496-2346. □

STEP Module I Starts: First Seminar October 1

The first seminar of the five-part STEP Module I, "Computers and Databases: Applications for Extramural Staff," will be offered Thursday, Oct. 25 in the Lister Hill Auditorium.

The first of six modules to be presented during the 1984-85 season, module I will provide information about NIH computer capabilities and practical applications for extramural staff and is intended to stimulate thinking about how readily accessible computer capabilities can make one's job more efficient. Although not designed to provide hands-on experience, the module will help attendees learn to use data bases and other computer-based facilities.

Unlike traditional STEP modules, which are 1- to 3-days long, module I comprises five afternoon seminars, each devoted to a different topic. No preregistration is required; on-site registration will begin at 1:15 p.m., with the program starting at 1:30 p.m. Seminar I, entitled "Overview," will provide information about relevant available databases, the content of subsequent seminars, and sources of computer capabilities or training not covered in this module.

Carolyn McHale, NLM, and Patricia Miller, DCRT, are featured speakers.

Future seminars will focus on: "The IMPAC Data Base," Nov. 8; "Computer Capabilities and Review Activities," Jan. 10, 1985; "Computer Capabilities and Program Administration," Mar. 14, 1985; and "Computer Capabilities and Program Direction," May 9, 1985. □

Employ The Handicapped Week at NIH Oct. 10-12

NIH celebrates "Employ the Handicapped Week" with a full range of activities on October 10, 11 and 12. The Handicapped Employees Committee and the Division of Equal Opportunity urge NIH workers to come see and hear how "We Can Do It." The full schedule of events and their locations follow.

Wed., Oct. 10—Masur Auditorium, CC

- 11:30 a.m. Keynote Address: Judge Leonard J. Suchanek, Chairman, Board of Contract Appeals, GSA.
- 12:00 Noon "Wheelchair Aerobics."
- 12:45 p.m. Maryland School for the Blind (skirts).

Thurs., Oct. 11—Masur Auditorium

- 11:30 a.m. Keynote Address: Ed Walker, WMAL Radio Personality.
- 12:00 Noon "Talking Hands" Dancers.
- 12:45 p.m. Magician Simon J. Carmel.

Fri., Oct. 12—Masur Auditorium

- 11:30 a.m. Keynote Address: Harold J. Russell, noted screen and TV actor, businessman, and advocate for the disabled.
- 12:00 Noon "Whyll and Dohn."
- 12:45 p.m. Hearing Ear/Hearing Dog Demonstration.

The following demonstrations, displays and presentations will take place daily on October 10, 11 and 12 at the locations and times listed below.

ARCF Lobby (Near Entrance to Bldg. 10)	11:30-1:30 p.m.	Arts and Crafts by Disabled Persons.
ACRF Visitors Center	11:30-1:30 p.m.	Auxiliary Aids and Devices Display.
ACRF Westside (Open Lawn)	11:30-1:30 p.m.	"Beep Ball" by the Visually impaired.
ACRF & Bldg. 31A Lobbies	11:30-1:30 p.m.	Handicapped Awareness Videotapes.
ACRF Entrance	12:00-1:00 p.m.	"Changing Images" MCARC-Mobile.
Bldg. 31A Patio Area	12:00-1:00 p.m.	The "Tina" Mobile, mobility aid for individuals. □



Common Concerns About the Combined Are Answered

• **Concern—Unnecessary Middleman:** The CFC is an unnecessary middleman. I prefer to give directly to my favorite charity.

Answer: By serving as the sole middleman for over 300 voluntary health and welfare agencies, CFC keeps administrative costs of fundraising to about 4 cents out of each dollar contributed. CFC monitors all recipient agencies to make certain that they are providing the services they claim and that all clients are served regardless of race, national origin or ability to pay.

• **Concern—Inappropriate Agencies:** Politically oriented and advocacy organizations have no place in the CFC.

Answer: These organizations only receive contributions that are specifically designated to them. Undesignated gifts go only to the traditional charities of the National Health Agencies, the United Way and the International Service Agencies.

• **Concern—No Designation Guarantees:** There are no assurances that our designated gifts are properly channeled to the designated agencies.

Answer: The agency to which you designate your gift receives your name and the amount of your gift from the CFC and therefore can verify for you that your gift was distributed in accordance with your instructions.

• **Concern—Designation Doesn't Matter:** I understand that the way the CFC distributes undesignated funds negates the effect of my having designated my contribution to a particular agency.

Answer: Your concern is true in only a very small number of cases, perhaps for 1 or 2 percent of all designated gifts over the years. Full details on the CFC's somewhat complex, but highly equitable, designation process are available from your BID coordinator.

• **Concern—Can't Afford It:** With an increase in our health insurance premiums, a decrease in our health insurance benefits, and a minimum cost-of-living increase, there won't be much left to give to the CFC.

Answer: The very same economic conditions that result in these moderate "belt-tightening" policies for Federal workers com-



monly cause tragic hardships for the sick, the aged, the poor and distressed persons who depend on CFC agencies for vital health and welfare services. By making a small contribution through payroll deduction, we can support those who critically need vital health and welfare services.

• **Concern—Changing Regulations:** I hear there is some controversy concerning new rules governing the CFC. What are those new rules and what effect will they have on the operation of the campaign?

Answer: In response to a U.S. District Court decision, the Office of Personnel Management (OPM) has revised the rules governing the CFC. The new rules include two major changes: (1) employees will be permitted to donate to any qualified charitable organization they choose, rather than being limited only to those included in the local CFC Agency listing; and (2) individual charitable organizations will be permitted to use advertising and direct mail to solicit donations.

• **Concern—Eligibility For Payroll Deduction:** I am on a special type of appointment and there are no provisions for deducting my CFC gift from my paycheck. What can I do so that I do not have to pay a large sum at this time?

Answer: Simply ask your keyworker about the "Direct Billing" option, which allows you to make several smaller payments throughout the year. □

Black History, Dr. King Programs Will Be Planned During October

The NIH Cultural Committee is now planning for the 1986 Martin Luther King Jr. and Black History Week programs. Any NIH employee is welcome to participate.

The planning sessions are scheduled from noon to 1 p.m. in Bldg. 31, C Wing, on the following days: Oct. 16, Conf. Rm. 8; Oct. 24, Conf. Rm. 2; Nov. 14, Conf. Rm. 2.

For further information, contact O. H. Laster, 496-6504. □

Zorba Is Back!

Anthony Quinn is Zorba in the spectacular musical appearing at the Kennedy Center Opera House. Come join R&W on Thursday, Oct. 11 at 8 p.m. R&W's discounted price is \$30.25. Tickets are available at the R&W Activities Desk, Bldg. 31. □

CFC to Open on October 15

The 1985 Combined Federal Campaign (CFC), which supports hundreds of private voluntary agencies in the National Capital Area and throughout the country and the world, officially will open at the National Institutes of Health on Oct. 15.

"Catch the Spirit of Giving" is the theme for the 1985 Campaign.

As Chairman of the NIH Campaign, NIH Director Dr. James B. Wyngaarden will be assisted by Dr. Pierre Renault, Acting Director of NIADDK; Earl Laurence, executive officer, NIADDK; Thomas Johnson, deputy executive officer, NIADDK, and William Mowczko, management analyst, NIADDK, serving as campaign assistants.

According to Dr. Renault, "The CFC Campaign is the one time during the year when employees are requested to donate their dollars to charity. The success of the CFC at NIH is one indication of the humanitarian spirit that thrives at NIH. We hope that all employees will 'Catch the Spirit of Giving' for the 1985 Campaign."

The Combined Federal Campaign was established by Executive Order in 1964 to meet employees' wishes for a single campaign for charitable contributions through payroll deduction. The campaign allows a contributor to designate his or her gift to any of over 300 listed CFC agencies or to any other tax-exempt health or human welfare agency in the United States. □

Spirited CFC Walk/Run Others Prizes, Food, Fun

The Second Annual CFC Kickoff Run/Walk designed for participation by the entire NIH community, will be held on Monday, Oct. 15, at noon in front of Bldg. 1.

Spectators and participants will be given free chances for a drawing of valuable prizes donated by the NIH Recreation and Welfare Association. The prizes will include two tickets to the hit musical, "Cats" as well as R&W gift certificates.

Concessions will be available for those who wish to buy food for lunch.

This year's representatives from voluntary agencies will be distributing promotional materials at Federal work places. The NIH CFC Coordinating Committee is making arrangements to set up areas where these materials can be obtained during the kickoff event.

All NIH employees and their guests are invited to attend.



The NIH Combined Federal Campaign's specially designed T-shirt is worn by Art Fried, Health's Angels' vice-president (l), Janice McCoy, personnel office, NICHD (center); and Dennis Askwith, chairman, CFC Coordinating Committee.

Chamber Orchestra to Present Bach Concert, November 4

The R&W NIH Chamber Orchestra, now entering its third season under conductor David Crane, will present its first concert on Sunday, Nov. 4, in Masur Auditorium. It will be devoted entirely to Bach's music, in commemoration of the 300th birthday of J.S. Bach.

In the *Magnificat*, the orchestra will be joined by the NIH Singers and vocal soloists, conducted by Tony De Marinis. The second major work will be the *Brandenburg Concerto No. 1*, featuring several instrumental soloists.

Orchestral rehearsals began on Tuesday, Oct. 2. If you play a string instrument and would like to join the orchestra, call Dr. John B. Wolff at 496-7070. □

An optimist is a guy who has never had much experience.—Don Marquis

For First Time, NIH Runner Wins Health's Angels 10-Miler

For the first time, an NIH runner was a winner in the NIH Health's Angels Anniversary 10-Mile Run. Henry O'Connell of Kensington tied with Jeff Delauter of Hagerstown with a near-record time of 52:54.

Perfect weather prevailed for the 9th annual running of the event which was cosponsored by the D.C. Road Runner's Club and incorporated into that club's Championship Series.

Both O'Connell and Delauter were awarded gold medals and O'Connell received the engraved mug as fastest NIH runner.

Robert Rodriguez of Arlington finished third with a time of 55:14.

The women's division was won by Kathy Hibbert of Rockville in 65:50. Jean Silverman of Kensington finished second in 69:22.

Jo White of Bethesda was third and took the award for fastest female NIHer.

Medals were awarded in six age groups each for men and women, and all runners received ribbons.

The Health's Angels "Unbody" award was won in record time by Kris Roberts of the U.S. Marine Corps in 58:25. Kris stands 6 ft. and weighs 185 pounds.

This year's Anniversary 10-Mile Run attracted a new high of 158 runners, all of whom finished the race. Twenty-one runners averaged less than 6 minutes per mile and a total of 78 finishers were back in less than 70 minutes.

The 10-miler was preceded by a 1-mile run for kids 10 and under and a 2-mile "Run For Your Life" which attracted an additional 24 runners.



Jeff Delauter, Henry O'Connell and Robert Rodriguez (l to r) were well out in front after the first quarter mile of the NIH Health's Angels Anniversary 10-Mile Run. The race finished in the same order, with Delauter and O'Connell tied for first and Rodriguez right behind.

The race was an unqualified success and next year's 10th Anniversary Run promises to be something special. Start training now—only 15 NIHers competed in this year's race! □

Reproduction Research Chief Joins WHO for Two Years

Dr. Philip A. Corfman, director of NICHD's Center for Population Research (CPR) since 1968, has begun a 2-year detail as senior

cial research requirements in developing countries. NICHD collaborates extensively with WHO in these activities.

Dr. Corfman has been active in an advisory capacity to WHO since the inception of the program in 1972, serving on its advisory group for the first 7 years and on the committee on institutional strengthening since 1979. Since 1982 he has also served on the International Federation of Gynecology and Obstetricians committee on human reproduction, and has served in various capacities with the American College of Obstetricians and Gynecologists.

He has been a commissioned officer in the PHS since 1976. In 1975 he received the then-Department of Health, Education, and Welfare Superior Service Award for "scientific leadership and administrative achievement in organizing and directing the Center for Population Research."

The author of numerous journal articles, Dr. Corfman earned his medical degree from Harvard Medical School in 1954. He was in obstetrical and gynecological practice at the Rip Van Winkle Clinic in Hudson, N.Y., and later served as a Josiah Macy Jr. Fellow at Columbia University before joining NICHD in 1964.

Arthur A. Campbell will be CPR acting director until a replacement for Dr. Corfman is named. The CPR supports fundamental biomedical research on reproductive processes relevant to human fertility and infertility. □



Dr. Corfman

medical officer with the World Health Organization (WHO) in Geneva, Switzerland.

He will provide scientific and managerial expertise for the Special Programme for Research in Human Reproduction. This program supports international research and development, research training and institutional development in human reproduction, with particular attention to family planning technology, infertility, and service and psychoso-

Margaret Layton Retires After 37 Years at NCI

Margaret Layton, chief of the Graphics and Audiovisual Section of the Office of Cancer Communications, NCI, will retire Dec. 10 after 37 years with the Institute.

Mrs. Layton joined the NCI Cancer Reports Section in 1947. The last of the original members of NCI's first office of public information, she helped it to evolve and eventually to become the Office of Cancer Communications in 1973.

"When I started I sure didn't expect to stay in the same office for 37 years," she said. "But it was always changing, which kept it interesting. For example, when I started there were only about 300 people in the NCI, and now there are more than 1,700."

Mrs. Layton, who became chief of her section in 1980, has been responsible for producing publications, including photography, design and printing; for processing Freedom of Information requests; for the daily cancer news clipping service that goes to NCI administrators; for scientific clearance and record-keeping of public information materials; for the NCI speakers bureau, and for NCI program exhibits.

In FY 1984 alone, along with supervisory



Mrs. Layton

duties, she personally managed the production and reprinting of the 300 publications in the NCI inventory of public and professional materials. This year she also organized 12 exhibits that were sent to major professional meetings across the country.

Mrs. Layton was responsible for expanding the NCI exhibits program. Before 1974, NCI had exhibits at only one or two major conferences a year. "For 5 years, from 1974 on," she said, "we sent exhibits to 20 conferences a year. We had a major exhibit at the NASA Science and Technology Exposition for 4 months during the Bicentennial."

"Mrs. Layton has handled an enormous workload with initiative, resourcefulness and thoroughness," says Paul Van Nevel, associate director for cancer communications. "The high quality and great quantity of publications and exhibits she's completed are a result of her remarkable ability to juggle a large variety of work in all stages of preparation."

A month-long trip to Europe tops her new agenda. After that she will continue to live at her home in Bethesda, "just catching up and getting involved in interesting activities." □

Use of Personal Computers Multiplies at NIH

Use of personal computers at NIH is growing rapidly. With this advanced technology comes a new set of challenges and opportunities—for scientists, administrators and support staff.

In April 1983, the Division of Computer Research and Technology (DCRT) established a Personal Workstation Project (PWP) to determine how effectively personal computers could be used at NIH. The PWP guided the specification, procurement, and installation—within DCRT and several NIH laboratories—of 35 workstations based on the IBM personal computer.

PWP members also examined, used, and evaluated a large number of commercial hardware and software packages and served as expert consultants to users at the test sites.

By the beginning of 1984 most of the workstations were in place, and in May the Personal Workstation Office (PWO) was formed. Full-time PC specialists were brought together from within DCRT to provide guidance and support in the use of personal computers throughout NIH.

One of the principal goals of PWO is to establish a PC user support system throughout NIH. BID executive officers have been asked to nominate candidates to become lead users. They will serve as key persons for questions about personal computers, training of staff members, and communicating information to the PC user community.

A series of PC courses is being developed specifically for lead users. These courses will include hands-on computer training using the



PWO staff members, Brian McLaughlin (sitting) and Dave Songco, analyze spreadsheet problem on a personal computer.

IBM PC-XT and all DCRT supported software packages: Lotus 1-2-3, Displaywrite2, Dbase III, Telios, SPSS/PC, Personal Editor, and PC-Dos.

Lead users also will receive technical advice from PWO staff members and other specialists within DCRT. They will also collaborate with PWO in the selection, testing and evaluation of new PC software and hardware products.

The Personal Workstation Office is currently supporting a workstation based on the IBM PC-XT with enhancements for specific applications. A detailed list of supported products can be obtained from Personal Workstation Office, Bldg. 12A, Rm. 3029.

DCRT will be providing personal computer

support in the following areas:

- **Training.** A series of PC training courses are now available. To register for a PC course contact the DCRT training unit (x2339) or PWO (x2282) for specific information.

- **Technical advice.** Detailed advice and assistance of supported hardware and software is available from PWO staff (x2282).

- **Consultations/Inquiries.** The PWO plans to establish a PC User Resource Center in Building 12A, in early 1985. Staffed by PC specialists, the center will be used for consultations not suitable by telephone, as well as short seminars on topics of interest. PC users also will have an opportunity to examine hardware and software before purchasing it.

- **Procurement.** General advice on procurement procedures, product availability, and current prices is available from the System Planning Section (x4602).

- **Clearances.** Advice and assistance on Federal policy and clearance procedures regarding PCs is available from ADP Policy Office (x7895).

DCRT will continue to monitor new technology such as the recently announced IBM PC-AT. Early evaluation shows that the AT should be compatible with the currently supported architecture.

PWO staff and BID lead users will provide coordinated support to meet the needs of PC users at NIH. A comprehensive PC users guide, PC newsletter, and the walk-in user resource center are being planned to promote effective use of personal computers throughout NIH.

For additional information on the PC Lead Users Program, contact PWO, (x2282) or Dona Lenkin (x2832).—**Joan Sobel** □

NLM TIME Project Uses Microcomputers, Videodiscs, Other Technics To Simulate Doctor-Patient Medical Decision—Making Situations



Michael Diamond of the TIME project interacts with the Frank Hall simulation through voice recognition technology.

Microcomputers and interactive videodiscs have transformed the concept of computer-aided learning and now provide the educator with unprecedented capabilities for interactive and visual presentation of educational material.

The Technological Innovations in Medical Education (TIME) Project, under direction of Dr. William G. Harless, National Library of Medicine's Lister Hill Center, is exploring these opportunities in medical education.

A series of clinical simulations have been developed which demonstrate the use of the new technology—microcomputer, videodisc,

and voice recognition—to implement problem-based, patient-related learning strategies in all phases of medical education.

Each TIME simulation provides an appropriate contextual framework—the doctor/patient encounter—for acquiring medical knowledge and learning clinical decision-making. Each simulation is designed to engage the learner in the drama of the doctor/patient interaction and increase the individual's motivation to learn how to make effective decisions about the patient's situation.

2-Disc Simulation

The first simulation concerns a 43-year-old male, Frank Hall, who comes to the emergency room complaining of weakness and abdominal pain following an episode of vomiting blood 2 days earlier.

The Frank Hall simulation requires two discs continuing various scenes depicting the patient's current experience in the hospital and significant past experiences (through flashbacks) which are related to his present illness. Other scenes are available upon request depicting elements of the physical exam and relevant diagnostic tests.

The learner may select any of the scenes in any order by speaking control words into the voice recognition unit. Before using the simulation the learner trains the system to recog-

nize over 50 control words. Forty-two words allow access to scenes concerning Frank Hall's medical condition and social situation. The remaining words are system commands (for example, Stop, Vocabulary, Error, Continue, etc.) which enable the learner to control the interactive system.

There are prerecorded human voice responses for each of the system control words. These responses are associated with a logical computer program. This TIME monitor control program is, in effect, an interactive artificial intelligence system which facilitates the learner's progress through the educational simulation.

At the conclusion of the session, the learner receives graphic feedback describing the types, amounts and order of information gathered during the simulations. These learner performance data are further described by the voice of the TIME monitor control program.

Future TIME directions will concern educational simulations which address contemporary issues in medicine. Currently under development is a simulation of a geriatric patient.

For further information about the TIME project, contact Dr. William G. Harless, Project Director, Lister Hill National Center for Biomedical Communications, Bethesda, MD 20209, (301) 496-4441. □

Blood Bank Holds Blood Donor Appreciation Day

It was a day of high praise, deep appreciation and heartfelt thanks for some very caring people. The list of speakers at the Fifth Annual Donor Appreciation Day, sponsored by the NIH Clinical Center Blood Bank, consisted of both doctors and patients who had nothing but good things to say to the donors for their endless efforts in supplying much-needed blood and blood products.

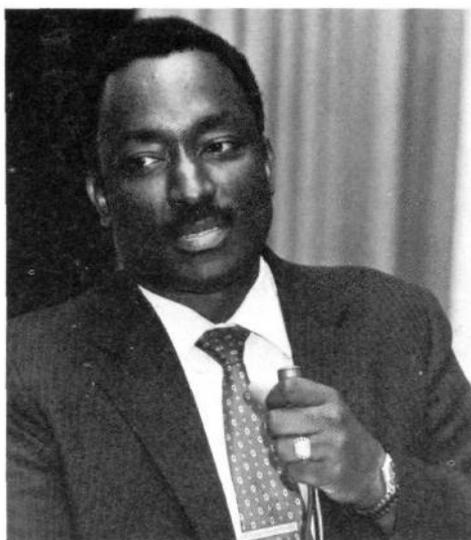
The packed house in the 14th Floor Assembly Hall was only a portion of the total number of donors the NIH Blood Bank draws each year.

Dr. Harvey Klein, Blood Bank chief, who cited statistics listing NIH donor participation as six times that of the national average, said the donors had every reason to be proud of themselves.

Dr. Daniel Cowell, associate director for medical education, himself a regular donor, said donating was "the kind of gift that only one person can give another."

Alton Thomas knows first-hand what that gift means. Thomas, who was diagnosed as having sickle cell anemia at the age of 5, has been an outpatient at the NIH for more than a year. At the time he was diagnosed, doctors told his parents he wasn't expected to live past 20 years of age. Now, almost 40 years and numerous transfusion later, Thomas, 41, is healthier, happier and holds a full-time job (another thing doctors didn't expect). His regular transfusions consist of receiving six to eight units of blood.

"I've come a long way," he told the Blood Bank audience. "I have a lovely wife, two children, a good job and peace. With God's help and your continued blood donations, I hope to go a lot further."



Transfusion recipient Alton Thomas addresses audience at Donor Appreciation Day. Thomas, who has sickle cell anemia, thanked donors for helping make his life happy and productive.

Certificates were presented to those persons who have donated a gallon or more and included Randy Schools, 2 gallons; James Harrison, 5 gallons; and Dr. Thomas Cameron, 9 gallons.

The NIH R&W Association donated several door prizes. Some of the lucky winners were: Edward E. Hellman, two tickets to a Baltimore Orioles game; Dr. Martha Knight, a \$10 R&W gift certificate; and Elaine J. Twillman, an Atlantic City trip for two. □

Three NIEHS Staff Members Get Awards for Suggestions

Three employees at the National Institute of Environmental Health Sciences received cash awards recently for their suggestions that improved operations and will ultimately save taxpayer dollars. The awards were made under the Department of Health and Human Services beneficial suggestion awards program.

Award recipients were William F. Hall, electrician; John M. Pruett, instrument mechanic; and Franklin B. Young, utility systems operator/repairman, who all work in the Office of Facilities Engineering at NIEHS.



Mr. Hall (l) and Mr. Young display recent suggestion awards they received. A third recipient, Mr. Pruett, is not shown.

The Office of Facilities Engineering is responsible for construction, operation and maintenance of Institute facilities in Research Triangle Park, N.C.

Presiding at a lunchtime award ceremony was Dr. Robert A. Goyer, NIEHS deputy director, who outlined the accomplishments of each awardee.

Mr. Hall, a resident of Durham, suggested that cooling tower fan motors be weather-proofed to prevent their deterioration and to save expensive rewinding. Protected from moisture in this way, the fan motors give longer, more dependable service, with less down time.

Mr. Pruett, a resident of Holly Springs, developed a system for temperature controls in the elevator machine rooms which has resulted in a steadier temperature control and eliminated frequent fan motor burnout.

Mr. Young, a resident of Cary, developed an electrical circuit that feeds makeup water into the high temperature hot water boilers automatically, eliminating the need for manual control each time makeup water is added. □

Mediocre people have an answer for everything and are astonished at nothing.—Eugene Delacroix

Visiting Scientist Program Participants

Sponsored by Fogarty International Center

9/1 **Dr. Uma Bhattacharyya**, India. Sponsor: Dr. Steven Li, Laboratory of Genetics, NIEHS, Research Triangle Park, N.C.

9/1 **Dr. Claudio Masotto**, Italy. Sponsor: Dr. Andres Negro-Vilar, Laboratory of Reproductive Developmental Toxicology, NIEHS, Research Triangle Park, N.C.

9/1 **Dr. Shahla Moshiri**, Iran. Sponsor: Dr. Sue Ellen, Laboratory of Pathology, NCI, Bg. 10, Rm. 7N262.

9/1 **Dr. Noriaki Ohuchi**, Japan. Sponsor: Dr. Ann Thor, Laboratory of Tumor Immunology and Biology, NCI, Bg. 10, Rm. 8B07.

9/1 **Dr. Hannu Antero Raunio**, Finland. Sponsor: Dr. Ritva Evarts, Laboratory of Experimental Carcinogenesis, NCI, Bg. 37, Rm. 3B17.

9/1 **Dr. Francois G. Roberge**, Canada. Sponsor: Dr. Robert Nussenblatt, Clinical Branch, NEI, Bg. 10, Rm. 10D19.

9/1 **Dr. Phillip J. Robinson**, Australia. Sponsor: Dr. Walter Lovenberg, Hypertension-Endocrine Branch, NHLBI, Bg. 10, Rm. 7N262.

9/1 **Dr. Carlo Serrati**, Italy. Sponsor: Dr. Thomas N. Chase, Experimental Therapeutics Branch, NINCDS, Bg. 10, Rm. 5N222.

9/1 **Dr. Kai-Chung Leonard Yuen**, Hong Kong. Sponsor: Dr. Bernard Moss, Laboratory of Viral Diseases, NIAID, Bg. 5, Rm. 316.

9/1 **Dr. Ulla Wewer**, Denmark. Sponsor: Dr. Lance A. Liotta, Laboratory of Pathology, NCI, Bg. 10, Rm. 2A33.

9/2 **Dr. Lalji Mishra**, India. Sponsor: Dr. James A. Rose, Laboratory of Biology of Viruses, NIAID, Bg. 5, Rm. 309.

9/4 **Dr. John Finberg**, United Kingdom. Sponsor: Dr. Irwin Kopin, Clinical Pharmacology Unit, NINCDS, Bg. 10, Rm. 5N214.

9/4 **Dr. Mark L. Mayer**, United Kingdom. Sponsor: Dr. Phillip G. Nelson, Laboratory of Developmental Neurobiology, NICHD, Bg. 36, Rm. 2A21.

9/4 **Dr. Henryk Panusz**, Poland. Dr. William Bonner, Laboratory of Molecular Pharmacology, NCI, Bg. 37, Rm. 5D19.

9/4 **Dr. William L. Whelan**, Canada. Sponsor: Dr. K. J. Kwon-Chung, Laboratory of Clinical Investigation, NIAID, Bg. 10, Rm. 11N104.

9/7 **Dr. Vivian Jill Bubbs**, Scotland. Sponsor: Dr. Alan S. Rabson, Division of Biology and Diagnosis, NCI, Bg. 31, Rm. 3A05.

9/7 **Dr. Mark Pines**, Israel. Sponsor: Dr. Gerald Aurbach, Metabolic Diseases Branch, NIADDK, Bg. 10, Rm. 9C101.

9/7 **Dr. John Peter Quinn**, United Kingdom. Sponsor: Dr. Judith Levin, Laboratory of Molecular Genetics, NICHD, Bg. 6, Rm. 305.

9/7 **Dr. Peddalahgari Seetharamulu**, India. Sponsor: Dr. H. Robert Guy, Laboratory of Mathematical Biology, NCI, Bg. 10, Rm. 4B50.

9/10 **Dr. Jacques DeGreve**, Belgium. Sponsor: Dr. Paul Bunn, NCI, Naval Hospital, Bg. 1, Rm. 419.

9/11 **Dr. Junichiro Mizuguchi**, Japan. Sponsor: Dr. W. E. Paul, Laboratory of Immunology, NIAID, Bg. 10, Rm. 11N309.

9/11 **Dr. Zoltan Nagy**, Hungary. Sponsor: Dr. Milton W. Brightman, Laboratory of Neuropathology and Neuroanatomical Sciences, NINCDS, Bg. 36, Rm. 3B28.

9/12 **Dr. Shonosuke Nagae**, Japan. Sponsor: Dr. Ulrike Lichti, Laboratory of Cellular Carcinogenesis and Tumor Promotion, NCI, Bg. 37, Rm. 3A23.

9/12 **Dr. Dina Ron**, Israel. Sponsor: Dr. Stuart Aaronson, Laboratory of Cellular and Molecular Biology, NCI, Bg. 37, Rm. 1A07.

Dr. Stephen Weiss Honored For Scientific Achievement

Dr. Stephen M. Weiss, chief of the NHLBI's Behavioral Medicine Branch, was honored by the American Psychological Association at its annual meeting held in Toronto recently.



Dr. Weiss

He received the annual award for outstanding contributions to health psychology. The citation reads in part: "... your efforts in the area of cardiovascular diseases have made significant contributions to the development of biobehavioral research. Your leadership skills and your personal warmth have enabled you to serve as an exceptional role model for your colleagues. The Division of Health Psychology of the American Psychological Association honors you for outstanding scientific and professional achievement."

Dr. Weiss, who was instrumental in the creation of the APA's division of health psychology, also serves as professor at the Uniformed Services University Medical School and the Johns Hopkins University School of Hygiene and Public Health. In addition, he is currently president of the Society of Behavioral Medicine. □

Dr. John R. Marler Joins Strokes and Trauma Program

Dr. John R. Marler, has joined the Extramural Stroke and Trauma Program of the National Institute of Neurological and Communicative Disorders and Stroke as a focal point for grants and contract-supported research in the cerebrovascular area.

As a medical officer, he will serve as a health scientist administrator for grants and as a project officer for contracts involving clinical trials.

Dr. Marler, who completed a 3-year residency in neurology at the Mayo Clinic, is a native of Denver. He received his M.D. from West Virginia University Medical School and interned at West Virginia University Hospital.

In addition to clinical neurology, his professional interests include the use of computers in administration and biomedical research. □

Three Scientists Appointed to NIGMS Advisory Council

HHS Secretary Margaret M. Heckler has announced the appointment of three new members to 4-year terms on the National Advisory General Medical Sciences Council.

The new members are Dr. Norton B. Gilula, professor of cell biology, Baylor College of Medicine, Houston; Dr. Harlyn O. Halvorson, director of the Rosenstiel Basic Medical Sciences Research Center and professor of biology, Brandeis University, Waltham, Mass.; and Dr. Mary Lou Pardue, professor of biology, Massachusetts Institute of Technology, Cambridge, Mass.

The council, which meets three times a year, is composed of leaders in the biological and medical sciences, education, health care, and public affairs. Its members review applications for research and research training grants and make recommendations to the secretary and the directors of the National Institutes of Health and the National Institute of General Medical Sciences on policy and science manpower needs related to the Institute's programs.

NIGMS funds research and research training in the basic biomedical sciences. This support enables scientists at universities, medical schools, and research institutions throughout the country to work to expand knowledge about the fundamental life processes that underlie human health and disease.

Dr. Gilula is a cell biologist whose research currently is focused on the biosynthesis of cell membrane junctions. He received B.A. and M.A. degrees from Southern Illinois University and a Ph.D. in physiology from the University of California, Berkeley.

Dr. Gilula did postdoctoral research in cell biology at Harvard Medical School and Rockefeller University, where he served as a faculty member for 8 years. He is on the editorial board of *Molecular and Cellular Biology*, and has served in similar capacities for

the *Journal of Cell Biology*, *Journal of Neurocytology*, and *Developmental Biology*. Dr. Gilula is also co-director of the NIGMS Medical Scientist (M.D.-Ph.D.) Training Program at Baylor.

Dr. Halvorson is a molecular biologist studying aspects of the regulation of gene expression. He received B.S. and M.S. degrees from the University of Minnesota and a Ph.D. in bacteriology from the University of Illinois.

He is chairman of the Board of Public and Scientific Affairs of the American Society for Microbiology, and served as president of the society from 1976 to 1977. In 1978, he chaired the Council of Scientific Society Presidents.

Dr. Halvorson has served on the Space Science Board and the Planetary Biology and Chemical Evolution Committee of the National Research Council, a part of the National Academy of Sciences. He is also a trustee and member of the Executive Committee of the Marine Biological Laboratory in Woods Hole, Mass., where he serves as head instructor for a summer course in microbial ecology.

Dr. Pardue, a molecular biologist and cell biologist, is doing research on the structure and function of chromosomes and gene activity during development. She received a B.S. degree from the College of William and Mary, an M.S. degree from the University of Tennessee, and a Ph.D. in biology from Yale University.

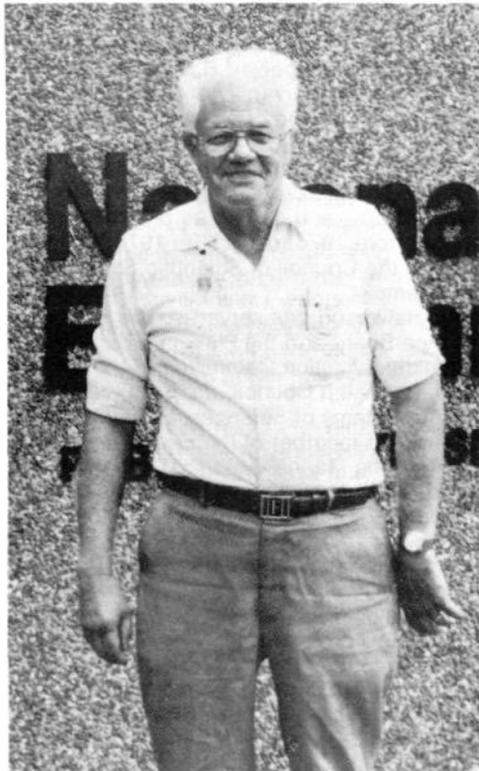
Since 1981, Dr. Pardue has been vice-president of the Genetics Society of America. She is currently a member of the scientific advisory committee for the Cancer Center of the Wistar Institute of Anatomy and Biology. She is also a member of the American Society for Cell Biology, as well as a fellow of the American Association for the Advancement of Science. □



Barbara Bullman, management analyst in the Division of Management Policy was presented a special citation recently by Calvin B. Baldwin, Jr., (l), associate director for administration and George F. Russell, Jr., (r), director, Division of Management Policy. Ms. Bullman received the award in recognition and appreciation of her extraordinary efforts in representing a fellow employee during a protracted and sensitive personnel action.

No TV Eyeballs for Him, Says NIEHS' Retiring John Fawkes

John Fawkes, NIEHS chemist in the Laboratory of Molecular Biophysics, retired from Federal service in July, but he says he doesn't plan to "get rectangular eyeballs watching television."



Mr. Fawkes

Besides continuing his current interest in vegetable gardening using advanced growing methods, he plans to build on some of his work in chemistry at the Institute in a new field of inquiry: making materials impervious to water. He also plans to do some laboratory work at home and to use university and technical libraries close at hand to follow up on his ideas.

Mr. Fawkes joined NIEHS in 1968 just before it attained Institute status. In what was then the Division of Environmental Health Sciences within NIH, he participated in some of the early work on polychlorinated biphenyls (PCBs).

"As a chemist in the lab, I didn't have a broad perspective on the work being done then," he said. "The scientists would have beef livers and ox tails brought in for analysis, but I didn't really worry about how it all fits together as environmental research. I just did my part of the experiment to specifications."

However, more recently he has done work with toxic chemicals using tadpoles and frogs in which he has used the entire experiment methodology. "With tadpoles, weight is difficult to measure, so we photograph them in a box against a grid, so that size, rate of frog formation and lethality become measures of toxicity," he said.

"They regularly show toxicity down to the parts per trillion dosing level when kept in the dosing media throughout their life cycle rather than, as is usual, removing them to fresh water after a specified time."

Mr. Fawkes and his wife Marguerite have a home at the edge of Raleigh, N.C., where, as Mr. Fawkes points out, "you get on a first name basis with the cows." Some land—and the well on the property, give him an excellent opportunity to tend a large vegetable garden that yields a wide variety of produce.

Raised garden beds provide gutters for runoff, an ideal situation for cultivating vegetables. "Now it's recommended that you plant each section as densely as you can with a particular vegetable, so they crowd out the weeds. Then when they get big enough you thin out the smaller plants. But you don't just bring them up in rows and let the weeds move in," he said.

The Fawkes' children have strategically relocated to provide their parents places for ideal summer and winter vacations. A daughter lives with their grandchildren in Albany, New York, and a son resides in Tampa, Florida. Accordingly, the senior Fawkes plan a trip this summer to Albany.

Although he has spent his entire working career in science, Mr. Fawkes does not share the current infatuation with the computer. He says it takes the individual's involvement and attention away from the job, and inadvertently conceals as much information as it makes available. "Sometimes you just have to make up your mind whether you are going to work principally with and for people or with machines. People too easily end up as just a part of the computer's circuit."

John Fawkes is certainly one of the friendly faces, one of the people with a personal touch, who will be greatly missed by all his friends at the Institute. □

**CATCH
THE
SPIRIT**



CFC Campaign Shows Film: 'The Winners' With John Madden

The Winners, the 10-minute 1985 CFC film, features John Madden, the popular and humorous CBS network sports commentator. Madden tells the stories of a family facing a critical problem, a remarkable senior citizen who has spent her life volunteering, and courageous children struggling to overcome their disabilities. We urge you to view this informative and inspirational film at one of the following locations:

Bldg. 31A Lobby, Oct. 15-19, 11 a.m.-2 p.m.
Bldg. 10, Cafeteria Entrance, Oct. 15-19, 11 a.m.-2 p.m.
Landow, Rm. A, Oct. 22-23, noon-1 p.m.
Federal, Rm. 119, Oct. 15&22, noon-1 p.m.
Bldg. 38, Rm. B1N28G, Oct. 16, 18, 23, 25, noon-1 p.m.
Bldg. 36, Rm. 1B07, Oct. 15, 22, 24, noon-1 p.m.
Westwood, Rm. D., Oct. 19, 22, 24, 25, noon-1 p.m. □

Infections of Laboratory Rodents Subject of NIH Conference

The National Institutes of Health is sponsoring a conference called "Viral and Mycoplasma Infections of Laboratory Rodents: Effects on Biomedical Research," Oct. 24-26, 1984. It will take place in the Masur Auditorium, Bldg. 10 (Clinical Center).

About 35 guest speakers including virologists, immunologists, molecular biologists, toxicologists, and veterinarians will discuss naturally occurring infection in mice, rats, hamsters, and guinea pigs, including ways to detect, prevent, and control infections.

Anyone wanting to attend the conference must register. For details, contact Dr. John Holman, Animal Resources Program, Division of Research Resources, Bldg. 31, Rm. 5B59, or call 496-5175. □

Volunteers Sought by NIMH For Circadian Rhythms Study

Women between the ages of 30 and 50 are needed to participate in a study of circadian (24-hour) rhythms and depression at the National Institute of Mental Health.

Volunteers must not be taking any medications, have no history of psychiatric treatment, and no known medical illnesses. Participation requires a short stay in the hospital. For more information, call Sue or Liz at 496-6982 during regular office hours. □

UVA Professor To Deliver Psychiatric Forum Lecture

Professor Richard Rorty, author of *Philosophy and the Mirror of Nature* and *Consequences of Pragmatism* and Kenan Professor of Humanities at the University of Virginia, will give the 11th Annual Edith Weigert Lecture on Friday, Oct. 19, at 8 p.m. at the Clinical Center Auditorium of the National Institutes of Health.

The lecture, sponsored by the Forum on Psychiatry and the Humanities of the Washington School of Psychiatry, is entitled "Freud and the Vocabulary of Moral Deliberation." Admission is free. □

OMS Plans Discussion Group On Personal Relationships

The Occupational Medical Service and Employee Counseling Service are planning to start an ongoing discussion group on personal and interpersonal relationships. It will include both men and women and will be coled by Dr. Molly Strauss, OMS staff psychiatrist, and Morris Schapiro, ECS mental health counselor.

The group will meet on Mondays from 11 to noon in Bldg. 31, Rm. B2B57. Call either Mr. Schapiro at 496-3164 or Dr. Strauss at 496-4411 for further information and to arrange a brief individual pregroup meeting.

Group discussions are tentatively set to start on Oct. 22. □

Medicine is a science, acquiring a practice an art.—Anonymous

Patricia McNamara, Framingham Health Expert, Retires After 30 Years Service at NHLBI

Patricia M. McNamara, assistant director of the Framingham Heart Study, NHLBI, retired recently after 39 years of government service. She was honored by the Heart Institute with a luncheon in Bethesda where Dr. Claude Lenfant, NHLBI Director presented her with a plaque from the Secretary of DHHS for meritorious service to the Framingham Heart Study.



Ms. McNamara

Ms. McNamara has served 35 continuous years with the Framingham Heart Study, the longest service with the study and is the longest tenured employee of the Heart, Lung, and Blood Institute to date.

The Framingham Heart Study is based in Framingham, Mass., and was initiated by the NHLBI in 1948 as the first major prospective study of cardiovascular (heart) disease. The goal of the study was to identify measured traits which could be related to later or

cardiovascular disease.

Although Ms. McNamara has made many significant contributions to the success and productivity of this study, her most conspicuous contribution was the development, implementation, and completion of the Cardiovascular Disease Event Outcome Data File. This file contains the type of event and date of occurrence on over 6,000 cardiovascular events and the reviewed cause of death on the first 1,991 deaths among the 5,209 Framingham Heart Study participants.

This unique and important file is and will continue to be an extremely useful tool in assessing risk factors for heart and other diseases. It is widely regarded as a world model in cardiovascular disease epidemiology.

Ms. McNamara was responsible for developing the system that enables a staff of physicians, statisticians and clerks to accomplish study goals. She not only expanded the original aim of recording the time at which a heart attack first occurred, but broadened the study protocol to include various other manifestations of coronary heart disease such as angina pectoris, stroke and peripheral blood-vessel disease. In addition, Ms. McNamara authored over 80 scientific publications during her time with the Institute. Her contributions to the management and scientific accomplishments of the study will long be remembered.

She talked recently about her years with the study: "I feel the heart study has done something useful. It has helped toward reducing coronary heart disease by the risk factors it has found. People have changed their habits . . . maybe everybody hasn't changed in all the ways they should, but they have changed sufficiently to make a difference." □



Amy Lookenbill, a patient on 6 West at the Clinical Center, enjoys the company of a clown during the 21st Annual Patient Carnival, held Sept. 20 on the 14th floor.

DCRT Sponsors Symposium On Biomedical Computing

"Biomedical Computing: Beginnings and Prospects" will be the subject of a 3-day symposium, Oct. 22-24, sponsored by the Division of Computer Research and Technology.

The symposium, part of DCRT's 20th anniversary celebration, will include lectures on the progress of biomedical computing in the last 10 to 20 years and future expectations of: computers in information systems, computer modeling and simulation, medical imaging, and the role of supercomputers in biomedical research.

Speakers will be Jerome J. Cox, Jr., Washington University; Winona C. Barker, Georgetown University Medical Center; William R. Hendee, University of Colorado; Lawrence A. Shepp, Bell Laboratories; Alasdair C. Steven, NIADDK; Martin Karplus, Harvard University; Marcello Pagano, Harvard University; Charles S. Peskin, New York University; Homer R. Warner, University of Utah; Willis J. Tompkins, University of Wisconsin and Kent Wilson, University of California-San Diego.

The symposium, which will be held in the Lister Hill Auditorium, 9 a.m. to 5 p.m., is free and open to all interested personnel.

For additional information contact the DCRT Public Information Office at 496-6203. □

Cancer Films for Parents To Be Reviewed at CC

A series of films will be shown Tuesday afternoons at 2 p.m. in the Little Theater of the ACRF B-1 level for review by parents and their guests only. The dates and films are listed below.

Oct. 16—*Death of a Child*; 'Morning Break' TV program interview with Sally Determan, Mother of Stevie, and Stevie's brother Dann.

Oct. 23—*A Day with the Pediatric Branch*; an introduction to the National Cancer Institute Pediatric Branch for new patients.

Oct. 30—*We Can't Go On Like This, The Drag Race, The Ordeal of Arnold Hertz, and Crisis*; a series of entertaining short films to explore the difficulties associated with smoking designed especially for Diane Travers (Bobby's Mom) by the National Heart, Lung, and Blood Institute. □

Recording for Blind Needs Readers of Medical Texts

Recording For the Blind urgently needs volunteers who can help record medical texts on tape for print handicapped students.

If you can donate 2 hours a week, daytime or evening, to read *Basic Human Anatomy* aloud in their recording studio at 4000 Albemarle St., N.W., please call Penny Williams, studio director, at 244-8990.

P.S. The Tenleytown subway station is right at the studio's front door. □

Pals Program Seeks Volunteers; Males Are Especially Needed

The Pals Program, sponsored by the Mental Health Association of Montgomery County, exists to help provide friendship and guidance to children and youth through a one-to-one relationship with a trained adult volunteer.

Pals is now looking for concerned volunteers age 17 or older who are interested in children and able to volunteer their time twice a month for one year as a Big Pal to a Montgomery County child, age 7-17. Children and Big Pals are matched, based on the volunteer's skills and the child's needs.

Male volunteers are especially needed now because of increasing numbers of parents who have expressed a desire to have their sons matched with male Big Pals.

Training is provided by human services professionals to help the prospective Big Pal. Throughout the match, supervision is provided by the Pals Program staff.

For more information, call Nina Ellins at 949-1255. □

NIH Grants Associates Program Celebrates 22nd Anniversary

NIH's "grand experiment" of more than two decades—the Grants Associates Program—has proven to be a successful one.

The program was developed by NIH in 1961 to meet a growing need for well-trained scientists to administer the research grants programs that resulted from the rapid expansion of NIH during the directorship of Dr. James A. Shannon.

It was during the Shannon era that increases in Federal support for medical research spurred the NIH budget to above the billion-dollar level, providing for rapid increases in NIH research grants and creating the need for more health scientist administrators.

Dr. Malone Among First Group

Since the arrival of the first four grants associates in 1962—one of whom was Dr. Thomas E. Malone, present Deputy Director of NIH—156 scientists have graduated from the program.

Some executive/leadership positions filled by these GA graduates include: Special Assistant to the Deputy Director, NIH; Associate Director for Extramural Affairs; Associate Director for Intramural Affairs; Deputy Director, DRR; and Acting Director, NIAID. Also, at present, two Deputy Directors and five Associate Directors of BID Extramural Activities.

The GA program provides 1 year of training for scientists with significant independent research experience who would like to pursue health science administration as a career.

Applicants should have a doctoral degree (or equivalent) in a health-related science (such as medicine, dentistry, veterinary science, the biological, behavioral and social sciences, public health and selected physical sciences), have significant independent research experience, be motivated towards a career in science administration, and have evidence of administrative potential.

Robert A. Polcari, GA program director, says that each year the Office of Personnel Management receives several hundred applications for the limited openings. Applicants must expect at least a year's delay between the time of application and possible entry.

The program was recently transferred from the DRG to the Office of the Associate Director for Extramural Affairs to improve greater PHS visibility.

Dr. George J. Galasso, NIH Associate Director for Extramural Affairs—himself a grants associate graduate—has responsibility for overall direction of the program.

Grants Associates Board

Assisting him are members of the grants associates board, whose responsibilities include interviewing highly qualified candidates after they have been rated and ranked by the Office of Personnel Management, and recommending candidate selection for Dr. Galasso's approval. Board



Discussing recommendations to expand GA program services to include health scientist administrators as GA trainees are (l to r): Dr. Brian Kimes, chief, Cancer Biology Branch, DCBD, NCI, and GA vice-chairperson; Dr. Elke Jordan, associate director for program activities, NIAID, and GA chairperson; Dr. Luz Froehlich, deputy director, Extramural Activities Program, NIAID, and last year's GA chairperson; Dr. George J. Galasso, NIH associate director for extramural activities, who provides overall direction of the GA program; and Tony Polcari, GA program director.

members also serve as preceptors to grants associates and periodically assess the program and recommend changes.

Dr. Elke Jordan, associate director for program activities, NIGMS, is board chairperson. Dr. Brian Kimes, chief of the Cancer Biology Branch, DCBD, NCI, is vice-chairperson.

Other members of the GA board are: Dr. W. Watson Alberts, Mrs. Shirley P. Bagley, Thomas G. Barbour, Mrs. Barbara S. Bynum, Dr. Dennis F. Cain, Arthur A. Campbell, Dr. John Goggins, Dr. Charles K. Grieshaber, Dr. Donald G. Murphy, Dr. Jim L. Shields, Dr. Harold Waters, Dr. Leo A. Whitehair and Dr. Claire H. Winestock. New board appointees include: Dr. Lois K. Cohen, Dr. George J. Cosmides, Dr. Michael I. Goldberg, Dr. Clarice D. Reid and Dr. Walter S. Stolz.

Candidates Accepted

Successful candidates are admitted to the year-long program as positions become available. Each GA is assigned to a preceptor, who is a current board member as well as a senior health scientist administrator.

The preceptor and GA plan assignments which combine NIH's need for appropriately trained scientist administrators and the individual GA's interest. Working assignments in various BIDs are arranged with extramural staff in each BID through the preceptor.

The grants associates also attend weekly seminars presented by senior Federal officers in various agencies, on such topics as the legislative and budget processes.

GA program graduates are eagerly sought by selecting officials to fill health scientist administrator (HSA) positions throughout the PHS and especially at the NIH. Even during times of budget and hiring constraints, GAs still receive several offers of HSA positions.

A recent evaluation of the GA program by the Career Development Evaluation Committee recommended that the program expand its services to include as trainee health scientist administrators nominated by BID Directors.

Statistics on the program show it to be a successful and innovative one that continues to meet the needs of NIH as well as those of the grants associates themselves. For example, in FY 1984, 102 of the 156 graduates of the program during the last 20 years still are with NIH. Another 15 are with other PHS and non-PHS agencies. Twenty others are in high level administrative positions in universities and other non-Federal organizations; the rest are retired or deceased. (All but two of these were at NIH; the other two were at another PHS agency.) Nearly seven times as many years of service were given by these graduates to NIH for their 1 year of training.

As this unique program celebrates its 22nd anniversary, it continues to fulfill its original goal of providing the NIH and other PHS agencies with a continuous flow of well-trained scientists to administer the extramural programs, to manage reviews of grants and contracts, and to fill leadership positions at NIH, specifically, and PHS, in general.—Sue Meadows □



Dr. Robert Gallo, chief of NCI's Laboratory of Tumor Biology and Identifier of the human T-cell leukemia virus as a possible cause of Acquired Immune Deficiency Syndrome, has received the 1984 Science Achievement Award of the National Italian American Foundation.

Dr. Gary Striker, Pathologist, Named NIADDK's Director Of Division of Kidney, Urologic and Hematologic Diseases

Dr. Gary E. Striker has been appointed director of the Division of Kidney, Urologic and Hematologic Diseases (KUH), and associate director of the National Institute of Arthritis, Diabetes, and Digestive and Kidney Diseases.

He comes to NIH from the University of Washington, Seattle, where he was a professor of pathology, head of renal (kidney) pathology, and director of a regionwide renal biopsy referral program.

As KUH director, Dr. Striker will have primary responsibility for coordinating the Division's programs of research grants, research training and career development, and contract-supported research in the fields of kidney, urinary tract, and blood diseases.

The Division leads nationwide programs in these areas.

After receiving his M.D. degree from the University of Washington in 1959, he completed his internship and residency in pathology at UCLA, and returned to Seattle for postdoctoral training in experimental pathology.

Following 2 years service in the U.S. Army Medical Corps, Dr. Striker accepted a position in the department of pathology at the School of Medicine, University of Washington. While there, he developed a renal research, teaching, and clinical program. He became professor of pathology in 1975.

During his long association with NIH, Dr. Striker has developed, organized, and managed a program project grant on the cellular and molecular basis of disease, a trauma center to study the organic and cellular basis of disease, and several individual research grants.

He was a major participant in a specialized center of research on pathophysiology of adult pulmonary distress syndrome. He served on the NIH Pathology A Study Section from 1981-84, and chaired a number of special study sections and site visits.

During 1982, Dr. Striker studied the pro-



Dr. Striker

gression of renal disease at Hospital Tenon, Pierre and Marie Curie University in Paris under a Macy Foundation Fellowship award. He also received a Fogarty International Fellowship the same year.

At the University of Washington, he served as assistant dean for curriculum of the School of Medicine from 1971-77. During this period, he collaborated with the Lister Hill Center to develop a computerized independent study program for the basic science portion of the medical school curriculum. He has served on numerous national committees relating to medical education, including the National Board of Medical Examiners and the American Association of Medical Colleges.

Dr. Striker was director of the medical scientist training program of the university, and headed funding and implementation of a revised medical school curriculum. He also developed the academic portion of a regional medical education program covering the states of Washington, Alaska, Montana, and Idaho. □

Flu Vaccine Available Free To Employees With Specific Ills

The Occupational Medical Service will offer influenza virus vaccine to employees who—because of preexisting conditions—are more susceptible to the disease and to secondary infections. These conditions include heart disease, chronic lung disease such as bronchitis, emphysema and severe asthma; chronic kidney disease, chronic anemia, and diabetes mellitus.

The vaccine is also available for all employees who perform direct patient care. Vaccination is recommended for persons 65 and over because of the higher mortality rate of influenza victims in that age group.

For more information about the influenza virus vaccine, call your OMS Health Unit, the Hospital Epidemiology Service or your private physician.

The vaccine will be given from Oct. 15 through Nov. 30 in Bldg. 10 (ACRF) 6th floor clinic, from 8 a.m. to 11:30 p.m. and the Westwood Bldg. Health Unit, on Wednesdays at 9:30 a.m. □

STICKERS

(Continued from Page 1)

Emergencies

Fire/Rescue	116
Police	115
Engineering	108

ger to personnel or property and all other situations which require immediate police action. To report a crime which has already occurred, call the Security and Protection Management Branch (NIH Police Department) at 496-5685.

- Dial 108, emergency engineering services, to report the failure of critical equipment or utilities, flooding conditions or similar problems that could pose an imminent danger to health or substantial loss to building, equipment or scientific research projects. To request routine maintenance services in Bldg. 10, call 496-5862; buildings north of South Drive, call 496-5083, and buildings south of South Drive, call 496-6484.

The red and white stickers are mounted on a postcard with a short message regarding when to use the emergency telephone numbers.

For further information about emergency situations, the availability of telephone stickers, and Fire Prevention Week activities, call the Division of Safety at 496-2801. Fire Prevention Week activities are also posted throughout the NIH cafeterias and in elevator lobbies. □

Catheter Developed at BEIB Wins R&D Magazine Award

The toposcopic catheter, developed by the Biomedical Engineering and Instrumentation Branch (BEIB), Division of Research Services, was among the winners of the 1984 I-R 100 Awards presented by *Research & Development* magazine. The awards honor developers of new technical products selected by the magazine as the 100 most significant of the year.

The principal developers of the toposcopic catheter were Dr. Seth Goldstein, chief of the BEIB Mechanical Engineering Section, and Daniel Shook of that section.

The toposcopic catheter utilizes an extremely flexible everting tube (1 millimeter diameter) to move through long, narrow, curving body passages such as blood vessels and bile ducts. This allows highly localized removal or infusion of fluid in areas beyond obstructions that cannot be passed with conventional catheters.

Because it turns itself inside out, the toposcopic catheter overcomes the problems both of a flexible catheter, which buckles because of friction buildup, and of a stiff catheter, which might cause vessel damage. The tube can be observed with a fluoroscope as it moves up to 40 centimeters beyond the end of the conventional catheter to which it is attached. □

High Achievement Program Needs Volunteer Tutors

The Higher Achievement Program (HAP) needs adult volunteers to tutor academically talented students in grades four through nine. HAP works with students from low-income neighborhoods throughout Northwest and Southeast Washington, challenging them to excel in math, reading and vocabulary.

HAP needs people to tutor one or, preferably, two evenings a week from 6:15 to 8:30, Monday through Thursday, beginning the week of Oct. 9.

HAP has over 900 students enrolled citywide. In order to keep its student-tutor ratio low, it needs at least 350 volunteers. Those interested in community service can get involved at one of HAP's seven centers.

For further information, please attend a tutor orientation meeting on Tuesday, Sept. 25, or Wednesday, Sept. 26 at 6:30 p.m. in the Gonzaga High School Cafeteria, 900 North Capitol St., N.W., or contact Alison Heston at 462-4465. □



Dr. James B. Wyngaarden, Director of NIH (l) explains layout of the NIH campus to Constante Degan, Italy's Minister of Health (second from l) and other members of his party in their recent visit to NIH. Others shown (l to r) are Dr. Emanuele Mannarino, head, Italian Office of External Affairs and Dr. D. Poggolini, head, Pharmaceutical Section.

NIH Cancer Patient and Doctors Will Run for Cancer Funds

Jeff Quelet, a patient in the Clinical Center Pediatric Branch, and several NIH doctors will run in the Terry Fox (Memorial) Run on Sunday Oct. 14 to help raise funds for the American Cancer Society. (Fox was a Canadian cancer victim with an artificial leg who undertook a cross-Canada run but died before he could complete it though he was resoundingly cheered along the way.)

The 10-kilometer run will start behind the Four Seasons Hotel in Washington, follow Rock Creek Parkway past the Lincoln Memorial and the Washington Monument and on to the U.S. Capitol.

Funds will be raised by contributions from sponsors of individual runners. Each runner will attempt to have as many sponsors as possible.

Don Griffith, the run coordinator, can be reached at 944-2070. □

Multi-Center Clinical Study to Test Diet Controls' Effects On Progress of Chronic Kidney Disease Funded by NIADDK

The National Institute of Arthritis, Diabetes, and Digestive and Kidney Diseases has announced funding of a multicenter cooperative clinical study to determine the influence of a controlled low-protein, low-phosphate diet on the progress of chronic renal (kidney) diseases.

Six medical centers have received cooperative agreement awards from NIADDK to conduct the initial planning phase of the study. The award for a data coordinating center will be made in the near future. Projected costs of the planning phase of the study total approximately \$960,000.

The first six institutions awarded cooperative agreements are the New England Medical Center, Boston, Mass.; Harbor-UCLA Medical Center, Torrance, Calif.; the University of Iowa College of Medicine, Iowa City; Brigham and Women's Hospital, Boston; Vanderbilt University School of Medicine, Nashville, Tenn.; and Johns Hopkins University School of Medicine, Baltimore, Md.

The study could lead to new approaches to the nutritional management of chronic renal disease patients. If effective, such treatment could reduce the rate of progress of renal disease in many patients, delaying the need for dialysis and kidney transplants.

If so, it might also reduce the approximately \$2 billion annual cost of treating Americans whose kidneys have failed.

Studies over the past several decades have indicated that restriction of protein and/or phosphates in the diet may slow the progress of several chronic renal disorders, retard kidney failure, and reduce the symptoms associated with renal diseases.

The planned clinical studies will test two hypotheses:

That restriction of dietary protein reduces the rate of progression of chronic kidney disease in humans;

That dietary protein restriction (if found to be effective) is nutritionally safe in patients with progressive kidney failure.

The study will consist of four phases:

Phase I will develop a research protocol

and a manual of operations.

Phase II will be a limited pilot study with an initial control-observation period followed by random assignment of a limited number of patients to either an experimental or control diet.

If the results of Phase II warrant further investigation, a full-scale cooperative study of adult patients with chronic progressive renal diseases who meet enrollment standards will be mounted as Phase III.

Phase IV will consist of data analyses by the data coordinating center, after which the principal investigators of the participating clinical centers, in cooperation with the coordinating center and staff of NIADDK, will prepare reports of results of the study for publication.

In the full-scale phase, over 300 patients will be enrolled. Patients will be followed for an initial control—observation period on their own diets before being randomly assigned either to a control diet or to a protein-phosphate restricted regimen.

Patients will then be followed through the research period, and monitored periodically to assess kidney function and other clinical, biochemical, and dietary factors. □

Blood Bank Offers Volunteers Free Tickets to Sports Games

The CC Blood Bank kicks off its volunteer apheresis program by offering free tickets to professional football, basketball and hockey games.

Voluntary donation of platelets, plasma, or white blood cells for transfusion to CC patients after Oct. 1, will qualify donors for a monthly drawing. Winners will get two tickets to either a Redskins, Bullets or Capitals game.

For more information, contact Janet Pavel, 496-4506, or Regina Dowling, 496-1430, or drop by the Blood Bank in Bldg. 10A, Rm. 1E33. □

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