

September 2000

Clinical Center News

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Dr. John Doppman, who headed the Diagnostic Radiology Department for 26 years, died Aug. 21.

NIH mourns death of compassionate clinician, innovative thinker

Dr. John Leo Doppman, 72, chief of the CC Diagnostic Radiology Department for 26 years, died of cancer on Aug. 21 at the Clinical Center. A diagnostic and interventional radiologist here for 36 years, Dr. Doppman retired in April.

Dr. Doppman developed, refined, and performed numerous semi-surgical radiologic procedures. He was a pioneer in angiography, a technique that uses injections of radio-opaque dye to visualize blood vessels and tumors. He researched vascular malformations of the spinal cord and developed ways to visualize and treat them. His research culminated in the publication of the first text on this subject in 1969. Later, he con-

See **Doppman**, page seven

New system a first step toward filmless radiology

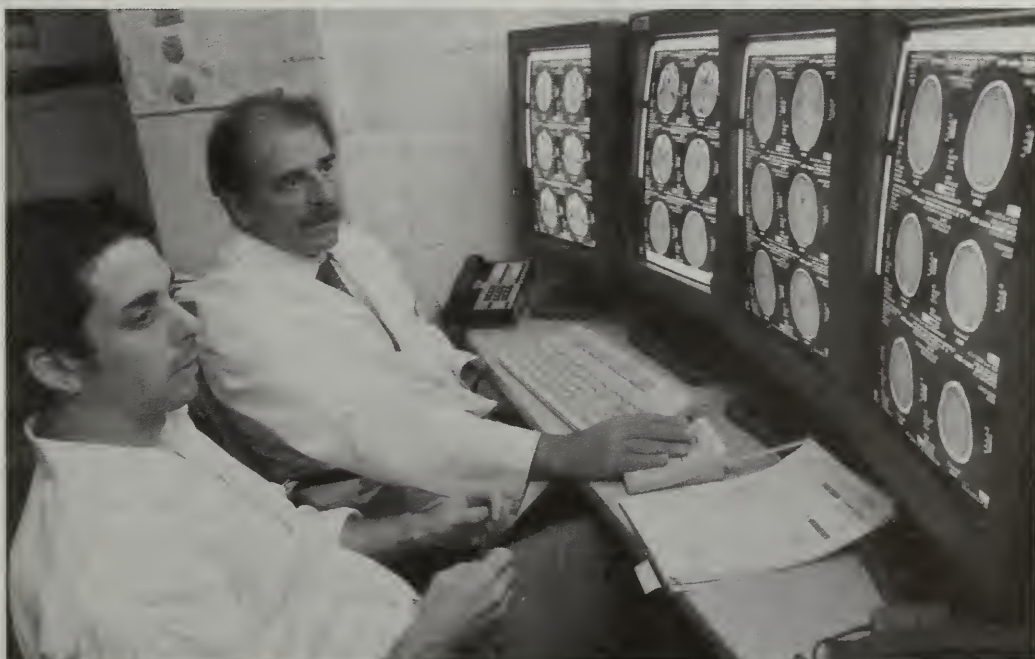
The CC Imaging Sciences Program (ISP) will unveil the first phase of its new Picture Archiving and Communication System (PACS) and Radiology Information System (RIS) this month with the initiation of a sophisticated patient tracking system.

PACS is a high-speed, digital system for acquiring, storing, processing, and displaying images and reports. It will provide instant electronic access to current and past

diagnostic images. RIS performs patient tracking and imaging-exam monitoring functions.

"This system will completely reengineer the operations of the radiology department," said Jim Vucich, ISP manager and PACS/RIS project co-manager. "We expect it to increase the quality and efficiency of radiology services by reducing patient waiting times, improving

See **Filmless**, page six



New system

Drs. Brian Goldstein (left), CC neuroradiology fellow, and Nicholas Patronis, CC radiologist, look over brain scans on large, high-resolution monitors installed in the Diagnostic Radiology Department to view digital images.

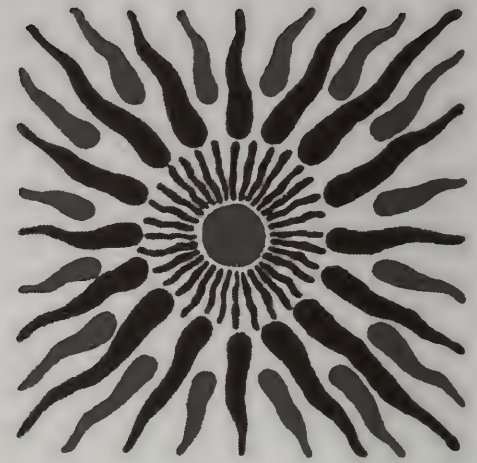
Resource fair focuses on real choices for real people

If you're looking for an easier way to balance the demands of work, home, and your personal needs, look to the NIH Quality of Work Life Committee. They'll sponsor a resource fair—Real People, Real Choices: Quality of Work Life at NIH—Oct. 5 at the Clinical Center.

NIH is dedicated to quality of work life, and a wide variety of resources are available to help you navigate the complexities of modern life, planners note. The fair will provide an opportunity to learn more about employee services here. Twenty-six NIH offices and organizations, including the CC QWL Council, will be on hand showcasing programs that help enhance quality of life.

At the fair you will be able to stop by and talk to representatives from services here than may help address your concerns and questions. For instance, you can:

- learn all about the CC QWL Council
- find out more about NIH's family friendly workplace policies
- talk to on-campus child care centers about programs and availability
- find out about child care and elder care resource and referral services
- hear about health and wellness at NIH
- find out about programs that make the campus safe
- get information about R&W's new concierge service
- find out about the wealth of training and development programs here
- learn about alternative dispute resolution
- get in touch with the resources you need find a work-life balance



WHEN: Thursday, October 5
10 a.m. to 3 p.m.

WHERE: Building 10
Visitor Information Center (lower
level exhibit area)

Linda Breen Pierce, author of "Choosing Simplicity: Real People Finding Peace & Fulfillment in a Complex World," will speak at noon in Lipsett Amphitheater. For further information, please call the Work and Family Life Center at 5-1619.

On the web:
<http://wflc.od.nih.gov>

Vaccine supply to foil the flu now uncertain

The Centers for Disease Control and Prevention's (CDC) recent announcement that distribution of this year's influenza vaccine may be substantially delayed—and amounts delivered smaller than usual—could affect flu immunization practices at the Clinical Center.

Typically, the CC provides "Foil the Flu" vaccinations beginning in mid-October, but at press time, the delivery date and number of doses that the CC will receive had not yet been established.

The Occupational Medical Service and the Hospital Epidemiology Service will publicize

information on this year's influenza vaccine program as soon as more specifics are available.

As always, CC patients and the staff caring for them will be the first to receive immunizations. In the United States, flu season peaks between late December and early March. Mid-October vaccination is the best way to minimize serious adverse outcomes from influenza virus infection.

On the web:
<http://www.cdc.gov/nip>
<http://www.cdc.gov/epo/mmwr/preview/mmwrhtml/rr4903a1.htm>

Clinical Center
News

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Women's health seminar topic

FAES will sponsor a new course, "Work, Women, and Health," beginning Thursday, Sept. 21, at 5:30 p.m. This weekly seminar will cover women's health research. Topics will include a presentation on the role of stress in disease, a discussion of the structural biases that women face in the workplace, and an open discussion with class participants. To register, call 6-7976.

On the web:

<http://www.faes.org>

Interpreters needed

CC patients not fluent in English may have a hard time finding their way through visits here. Volunteer interpreters often make things easier by stepping in and helping with language translations.

CC volunteer services is currently recruiting individuals who are fluent in Korean, Japanese, Vietnamese, Spanish, French, Arabic, and Farsi. For more information, call 6-1807.

DTM presents annual symposium

The CC Department of Transfusion Medicine, will host its Nineteenth Annual Symposium, "Immunohematology and Blood Transfusion," on Sept. 14 from 8 a.m. to 4:30 p.m. in Masur Auditorium.

On the web:

<http://www.cc.nih.gov/dtm>

Heart disease study opens

A study of Heart Disease Risk Factors in African Americans seeks participants to study the relationship between obesity and heart disease risk factors in healthy, nondiabetic African-American men and premenopausal women.

Participants can be of any weight, from normal to obese, and



Orientation Fair for NIH Trainees

Bring your questions to the Orientation Fair for NIH Trainees set for Sept. 19 at the Clinical Center. Sponsored by the NIH Office of Education, the event will be outside the Visitor Information Center 10 a.m. to 2 p.m. Slated to be on hand are representatives from the NIH Library, the Office of Animal Care and Use, the NIH Credit Union, the Work and Family Life Center, and the R&W. For details, call 6-2427.

between the ages of 18 and 50. It will involve four outpatient visits to the Clinical Center, in which participants will have body fat analyses; an electrocardiogram; blood tests, including cholesterol profiles; and oral and intravenous glucose tolerance tests. All participants will be compensated. For more information, call 2-7119.

Volunteers sought

CC researchers seek adults with sickle cell anemia to help find ways to understand and treat the disease. Compensation will be provided.

Call 1-800-411-1222, or 5-2345, for more information.

Resource offered

You've just received an important e-mail with a file to use in your upcoming presentation. Unfortunately, your computer can't

open the document. Don't fret, the CC Information Technology Center can help. Located in Room 1C282, the center is equipped with color scanning and printing devices, slide makers, computers, and other helpful equipment. For more information, call 2-6301.

NIH to share the health Oct. 21

The public is invited to NIH 8:30 a.m. to 3 p.m. for the third annual community health forum, sponsored by the NIH Office of Community Liaison. The event features free health-related information, exhibits by NIH institutes, lectures, health screenings, and demonstrations. For more information, call 301-650-8660.

On the web:

<http://health.info.nih.gov/forum2000>

Lectures usher in the learning season

Fall symbolizes more than just back-to-school time for the kids. It also marks the beginning of the Medicine for the Public season, a learning opportunity for all.

The Medicine for the Public lecture series, now in its 24th year, features physician-scientists working at the forefront of medical research at NIH. The series helps people understand the latest developments in medicine—new therapies, diagnostic procedures, and research.

The lectures, which are free and open to the public, will be held at 7 p.m. in Masur Auditorium on Tuesdays from Sept. 19 through Oct. 24.

The lectures

Sept. 19

New Directions for Organ and Tissue Transplantation—Dr. Allan D. Kirk, chief of the transplantation section, NIDDK, will explain how diabetes, renal failure, and other end-stage organ diseases can be treated more successfully by immunologic strategies that make the body believe that the transplanted tissues are its own. A surgeon and authority on organ transplantation, Dr. Kirk will explore new methods to prevent the rejection of transplanted organs and tissues, and the development of new drugs or techniques that may improve the success of organ and tissue transplants.

Sept. 26

Adolescents and AIDS: Millennium Milestones—Unbelievable progress has been made in the last two decades in the fight against HIV/AIDS; yet there's still far to go. Dramatic advances in treatment have resulted in children born with the virus living into their teens, while at the same time there's been an alarming surge of HIV infection rates among adolescents, particularly female adolescents and urban minorities. Dr. Lauren Wood, senior clinical



Medicine for the Public

This year's Medicine for the Public lectures, which are free and open to the public, will be held at 7 p.m. in Masur Auditorium on Tuesdays from Sept. 19 through Oct. 24. For details on specific topics and speakers, call 6-2563, or visit the web site, <http://www.cc.nih.gov/cc/mfp/series.html>.

investigator in the HIV& AIDS malignancy branch of NCI, will discuss some of the positive and negative milestones reached to date, including advances in care and research, as well as the changing epidemiology of the HIV epidemic.

Oct. 3

Dangerous Liaisons: Drugs and Herbal Products—Every day, as more Americans begin using herbal products, how many actually consider the risks? Drs. Stephen Piscitelli and Aaron Burstein of the NIH Clinical Center's Pharmacy Department will describe the widespread use of complementary medicines in the United States, focusing

on the benefits and dangers of herbal products. Potential interactions between herbs and prescription drugs, as well as severe side effects of some well-known products, will be addressed. Attendees will also learn about regulations pertaining to herbal products and what consumers should know when considering herbal use.

Oct. 10

Stroke: Rapid Diagnosis, New Treatments—Brain attack, stroke, strikes every 43 seconds. It's the third leading cause of death in this country and often results in devas-

See **Medicine for the Public**, next page



Jewish chaplain Rabbi Reeve Brenner's insights into careers of two baseball giants led to participation in a recently released documentary.

Life-long love of sports brings CC rabbi to stage of baseball documentary

You might have the chance to see someone on the movie screen that you know and work with every day.

"The Life and Times of Hank Greenberg," a documentary detailing the major league baseball player's life, features an appearance by CC Jewish chaplain Rabbi Reeve Brenner.

Dr. Brenner, who joined NIH part-time this past January, says that three factors converged to lead to his screen debut. First, he grew up in New York City, also home to Hank Greenberg, who Dr. Brenner regards as the all-time greatest Jewish player in the major league. Second, he is a life-long sports enthusiast, and last as a religious leader and teacher, he

likes to think and write about ethical issues.

It was Dr. Brenner's handling of delicate issues, such as race and religion, that captured the attention of the film's writer-producer, Aviva Kempner.

In his article, "Black Jack and Big Yid Greenberg," which first appeared almost 20 years ago in the *Jewish Spectator* newspaper, Dr. Brenner focused on the crossing paths of the two baseball giants, referred to by nicknames used by young Bronx baseball fans.

Greenberg was nearing the end of his major league career. Jackie Robinson was just starting his career as the first black baseball player to reach the major leagues. Greenberg, who had experienced much anti-Semitism in a decade as a public figure, was the first on his team to befriend and encourage Robinson, similarly a target of racial prejudice.

"Having written books, short stories, and sermons on just this issue, it was logical for me to do the article that led to my being chosen for the film," said Dr. Brenner.

"I welcomed the opportunity to talk about an exemplary man, and in particular on the very special Greenberg-Robinson meeting."

—by Linda Silversmith

Excerpt from Dr. Brenner's article "Black Jack and Big Yid Greenberg" published in the *Jewish Spectator*.

"But that first game and that first circumstance which brought Hank and Jackie together—at a crucial point in the beginning of the post-Holocaust, post-World War era of awakening to the havoc wrought by hatred and evil—witnessed a meeting of giants engaged in the reaffirmation of decency among all the peoples and races of humanity."

Medicine for the Public, from page four

tating physical disability for survivors. Rapid diagnosis is crucial for successful treatment. Dr. Alison Baird, visiting scientist with the stroke branch of NINDS, will discuss advances in how physicians use innovative imaging technology to confirm strokes and new options to treat them.

Oct. 17
Women's Health Research for the 21st Century—The NIH Office of Research on Women's Health was

established 10 years ago to assure that research conducted and supported by NIH addresses issues regarding women's health and that there is appropriate participation of women in clinical trials. Dr. Vivian Pinn, NIH Associate Director for Research on Women's Health and Director of the Office of Research on Women's Health, will discuss the current status and future direction of women's health research.

Oct. 24
Prostate Cancer—Dr. Marston Linehan, chief of the urologic oncology

branch, NCI, and Dr. William Dahut, head of the prostate cancer clinic in NCI's medicine branch, will outline risk factors for prostate cancer and how the disease develops. They will also look at new treatments now under investigation, including vaccine therapy, hormonal therapy, anti-angiogenic therapy and chemotherapy for advanced and recurrent prostate cancer.

For details on specific topics or speakers, call 6-2563.

On the web:
<http://www.cc.nih.gov/cc/mfp/series.html>

Neuroscience nurse internship graduates

Six registered nurses recently completed the CC Nursing Department's Neuroscience Nurse Internship Program, a six-month clinical internship program designed to prepare new nursing employees to provide care for patients with neurological disorders or cancer. Shown front row are graduates, all RNs, (left to right) Sandra Brown, Dana Menkin, Jenifer Tennant Dwyer, Ruby Lerner, Justina Ezejiolor, and Judith Resick. In back is the

Neuroscience Leadership Team: (left to right) Dr. Jacques Bolle, R.N., CC; Dr. Audrey Penn, M.D., NINDS; Anita Marban, R.N., CC; Beth Price, R.N., CC; and Dr. Mark Hallett, NINDS.



Filmless, from page one

image availability, and minimizing loss and misidentification of images and reports," he said.

RIS is the first part of the system to be installed and will go on line for testing this month. "For the first two or three months, we will still be maintaining data in paper form," explained Vucich. PACS is scheduled to begin operating within ISP in October and throughout NIH by next summer.

RIS will track patient arrival and departure times, the start and end of exams, and when reports are dictated, read, and signed. Eventually, the system will include a voice recognition feature enabling spoken words to appear on the screen so reports can be immediately edited and verified. It also communicates with the medical information system (MIS) to receive orders for exams and send reports on completed exams back to the appropriate destinations.

Images stored in PACS/RIS originate from procedures and exams conducted in the Diagnostic Radiology, Nuclear Medicine, and PET Departments. They include CT scans, MR scans, PET scans, nuclear

medicine scans, ultrasound examinations, and digital radiography examinations.

When an order for an imaging procedure is entered into MIS, the order will automatically be sent to RIS. The system will then track when the patient transport was called, when the transport left to transfer the patient, when the patient arrived in the radiology department, and when the patient entered and left locations within the department. "Such detailed data will decrease patient waiting times and make better use of staff and equipment," Vucich said.

Once an order for an imaging procedure is placed in the system, PACS/RIS will automatically retrieve prior scans and reports for that patient. The system integrates new and prior images and reports, so physicians can access and compare current images with previous scans and x-rays. "This will make radiology images and reports more easily accessed by physicians, including after hours," said Dr. Alberto Goldszal, chief, PACS/RIS section and PACS/RIS project co-manager. It is customized to track images by protocol and institute.

Radiologists will interpret

images on large, high-resolution monitors in the Diagnostic Radiology Department. When the system is fully deployed next summer, patient images and their corresponding reports will be available on workstations and desktop computers across NIH through the use of the PACS web browser application. In addition, workstations dedicated to PACS/RIS image and report reviewing will be installed in specialized areas of the CC that conduct intensive image review activities. The images and reports will only be available to authorized users.

"This is the first step toward a filmless radiology department," explained Vucich. "Eventually all images will be acquired, distributed, and stored in digital form. This will eliminate film and processing costs as well as lost and damaged films."

"We expect this system to prove to be an efficient method for connecting people to the knowledge and resources they need at the appropriate times and locations for the best possible outcomes," concluded Dr. Goldszal.

—by Colleen Henrichsen

List of Spanish-language educational materials grows

Patients come to the Clinical Center from all over the world. And for years, interpreters and bilingual staff have helped bridge the gap between patients who do not speak English and caregivers that do. Now, patient education materials will offer both patients and their caregivers more common ground for communicating.

The CC patient education publication website houses a growing library of documents in Spanish.

Titles include: Giving a Subcutaneous Injection; Managing Your Hickman Catheter; Managing Your PICC/SICC Catheter; Infection Control at the Clinical Center: Information for Patients and Visitors; Hello: I'm Your Primary Nurse; Preparing for Outpatient Surgery; Preparing for Transfusion Therapy; Partners in Research—Volunteer Patients and the NIH Clinical Center; Working Together to Relieve Your Pain; and the Living with Cancer Chemotherapy series.

The website also has a bilingual

document, "Spanish Phrases for Health Professionals," and a Spanish-language version of the patient handbook.

For more information on patient education materials, contact

Wendy Schubert at 6-2563 (e-mail wshubert@nih.gov). For assistance with language interpreting services, contact Andrea Rander, director of volunteers, at 6-1807 (e-mail arander@nih.gov).

On the web:

http://www.cc.nih.gov/ccc/patient_education/pepubs_sp/sp_index.html
(Index of CC-produced patient education documents in Spanish.)

http://www.cc.nih.gov/ccc/patient_education/pepubs/spphrases.pdf
(Spanish Phrases for Health Professionals)

http://www.cc.nih.gov/ccc/patient_handbook/index_sp.html
(Spanish Patient Handbook.)

http://www.cc.nih.gov/ccc/patient_education/procdiag/procdiagindexsp.html
(Index of procedures and tests in Spanish.)

http://www.cc.nih.gov/ccc/patient_education/CaTxsp/cancerchemo_sp.html
(Index of Living with Cancer Chemotherapy documents in Spanish.)

Doppman, from page one

centrated on endocrinology research and developed techniques for locating ectopic or elusive glandular tumors. Many of these techniques are now standard practice in medical centers worldwide.

"John was a pillar of the NIH clinical research community," said Dr. John Gallin, Clinical Center director. "He was a respected clinician, prolific writer, dedicated teacher, and generous friend. He will be missed."

Dr. Doppman received an MD from Yale and interned at Mercy Hospital, Springfield, Mass., served in the Navy from 1954 to 1957, and completed a residency in radiology at the Hospital of St. Raphael, New Haven, Conn. He was a Fullbright fellow in radiology research at the Postgraduate Medical School at Hammersmith Hospital, London, and

the Karolinska Institute, Stockholm.

He joined the NIH Clinical Center in 1964 as deputy chief of the Diagnostic Radiology Department. From 1970-1972 he was a radiology professor at the University of California, San Diego. When he returned to NIH, he was chief of the Clinical Center Diagnostic Radiology Department from 1972-1996. Under his direction the department acquired among the first CT and MRI scanners in the country.

"He was a keen, compassionate clinician, an enthusiastic teacher, and an innovative thinker," said Dr. Andrew Dwyer, CC radiologist. "He was a strong, positive influence on the clinical, educational, and research environment of the Clinical Center."

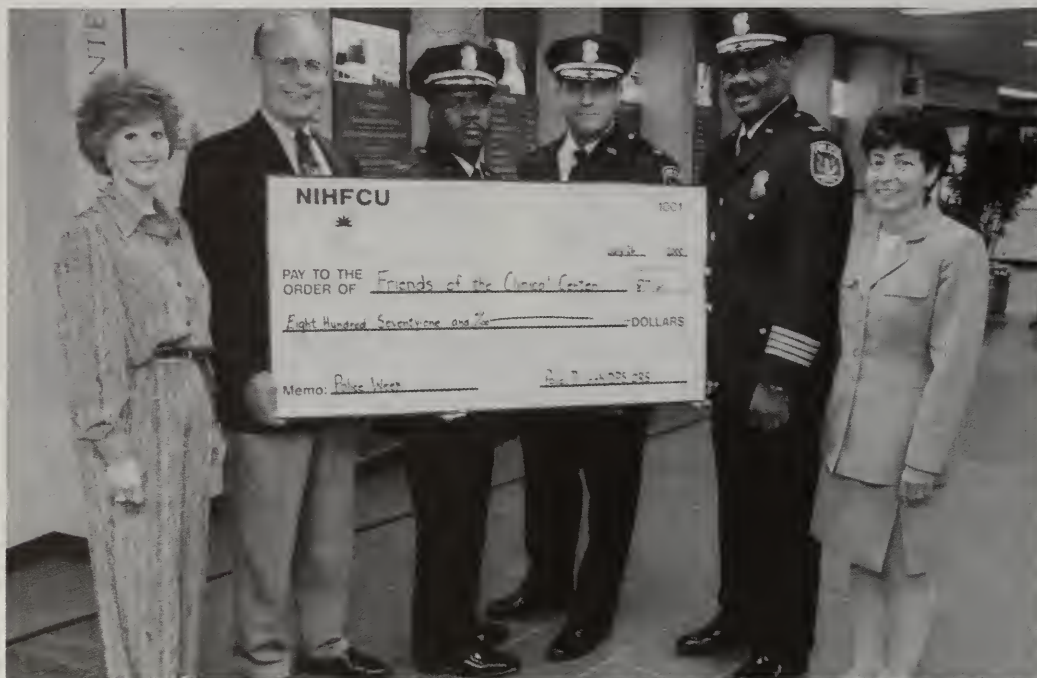
On Aug. 2, Dr. Doppman was awarded scientist emeritus status. Among his many honors were the Gold Medal from the Society of Cardiovascular and Interventional

Radiology (1997); Gold Medal from the American Roentgen Ray Society (1998); the Copeland Award from M.D. Anderson Cancer Center (1992); and the Public Health Service Distinguished Service Medal (1982), the highest award granted by PHS.

He also received several NIH awards including the Distinguished Clinical Teacher Award (1997), the Clinical Center Director's Award (1997), and the NIH Director's Award (1999).

He was an honorary member of the radiological societies of England, Ireland, Germany, and Hungary, as well as of the American Society of Endocrine Surgeons. He authored 38 textbook chapters and 516 articles in scientific journals.

Survivors include his wife, Anne-Marie; a daughter, Corinna, a son, Christopher; and a granddaughter, Nicole.



NIH police fundraiser benefits FOCC

The NIH Police's recent "Police Week" included a fundraising barbecue to benefit the Friends of the Clinical Center. More than 1500 people attended the gathering, which was held in front of Bldg. 1 and featured traditional cookout delectables prepared by NIH Police staff. On hand for the presentation of the donation were (left to right) Kip Fenton, FOCC administrative assistant; O.W. Jim Sweat, director of the Division of Public Safety; NIH Police Captain Lawrence Brown, Deputy Chief Robert Fuller, and Police Chief Alvin Hinton; and Maria Stagnitto, FOCC president.

s e p t e m b e r

6 No Grand Rounds or
Wednesday Afternoon
Lectures

13 Grand Rounds
noon - 1 p.m.
Lipsett Amphitheater

Studying Pathogenesis in Human Tissues Ex-Vivo: Developing New Tissue Culture Systems for Studying Pathogenesis, Joshua Zimmerberg, M.D., Ph.D., NICHD

HIV Pathogenesis in Human Lymphoid Tissue, Leonid Margolis, Ph.D., NICHD

Wednesday Afternoon
Lecture
3 p.m.
Masur Auditorium

How Viruses Suppress the Immune System: Molecular and Cellular Mechanisms and Consequences, Michael Oldstone, M.D., The Scripps Research Institute

18 Special Monday Lecture
3 p.m.
Masur Auditorium

Why Did Human History Unfold Differently on Different Continents for the Last 13,000 Years, Jared Diamond, Ph.D., University of California, Los Angeles

19 Medicine for the Public
7 p.m.
Masur Auditorium

New Directions for Organ and Tissue Transplantation, Allan Kirk, M.D., NIDDK

20 Grand Rounds
noon - 1 p.m.
Lipsett Amphitheater

Advances in the Understanding and Treatment of Human Severe Combined Immunodeficiency (SCID), Rebecca Buckley, M.D., Duke University, and Jennifer Puck, M.D., NHGRI

Wednesday Afternoon
Lecture
3 p.m.
Masur Auditorium

Life at the End of the Chromosome: Telomeres and Telomerase, Thomas Cech, Ph.D., University of Colorado, Boulder

25 Special Monday Lecture
3 p.m.
Masur Auditorium

Genes from the Fountain of Youth, Cynthia Kenyon, Ph.D., University of California, San Francisco

26 Medicine for the Public
7 p.m.
Masur Auditorium

Adolescents and AIDS: Millennium Milestones, Lauren Wood, M.D., NCI

27 Grand Rounds
noon - 1 p.m.
Lipsett Amphitheater

Introduction to Pain and Palliative Care, Ann Berger, R.N., M.S.N., M.D., CC

Isolated Hepatic Perfusion for Unresectable Cancer Confined to Liver, H. Richard Alexander, Jr., M.D., NCI

Wednesday Afternoon
Lecture
3 p.m.
Masur Auditorium

Olfaction in Drosophila: Genetics and eGenetics, John Carlson, Ph.D., Yale University