Clinical Center



Clinical Center CFC campaign aims high

The Clinical Center is aiming for a slam dunk in the 2006 combined Federal Campaign now in progress. The theme for this year's national campaign is "Be a Star in Someone's Life! Support CFC." NIDCR, the institute hosting the campaign, tagged basketball as this year's NIH theme as a reminder to "aim high and follow through because every dollar counts."

Keep up to date on campaign events, including the Clinical Center's Oct. 26 Midday Madness, by going online, http://cfc.nih.gov/cfc/. The madness, which begins at 11:30 am on the CC's southeast patio near Lipsett Amphitheater, will feature a basketball free-throw challenge among department heads. The event will boast food, live music, prizes and a charity fair. The winning department will take home an iPod to be raffled off within the department.

More than 20,000 nonprofit charitable organizations worldwide participate in CFC. They range from small, newly formed community groups to the large and well-known organizations. Federal civilian employees, postal workers, and military personnel pledged a recordsetting \$268.5 million in 2005 to the Combined Federal Campaign, administered by the U.S. Office of Personnel Management (OPM). The \$268.5 million in pledges to the CFC last year represents an \$11 million increase over the \$257 million pledged in 2004.

Last year's pledge total for the nation's largest employer-sponsored charity drive marks the third consecutive year the federal community has filled CFC coffers to new levels. Pledges to charities in the CFC of the National Capital Area (metropolitan Washington, D.C.) totaled \$57.6 million.

Courtyard gardens provide handy retreat

by Pat McNees

Lynn Mueller, long-time chief of NIH grounds maintenance and landscaping, Office of Research Facilities, recently walked us through the Hatfield Center's courtyard gardens, explaining what is planted and why.

What makes these courtyards especially suited for reflection and relaxation, explained Mueller, is "the unity, the balance, and the simplicity of design. There's movement from the low ground-cover to the medium-sized shrubs to the understory trees, in a sequence that helps bring the space down to human scale." The gardens have varying qualities of light, shade, and shadow. Color, forms, fragrances, sounds, and textures among the plantings provide sensory interests.

Patient rooms have large windows looking out on the green landscape, offering patients more visual solace than they would get looking at a brick wall, a rooftop, or an alley. The calming effect of landscape—the essence of growth and renewal—helps create a garden that is a good design for enclosed courtyards, said Mueller.

Quiet time

The gardens also offer a sanctuary for CC patients, visitors and staff—a natural retreat in which to get a little quiet time and connect with nature. "Gardens like this come under a variety of names and themes, including 'healing gardens," Mueller pointed out. "Any landscape—created or natural—that provides a quiet place to sit and contemplate can improve your mood."

Winding paths and intimate seating areas provide needed privacy, but it is also easy to move quickly through the

Series of 'firsts' mark JCAHO visit

When the JCAHO survey team arrived, early on Sept. 26, most of us at the Clinical Center weren't sure exactly what to expect. This was our first accreditation survey since opening the new hospital, and the first to be unannounced. At the end of the three-day survey, our hospital received an outstanding review with continued accreditation. In the process, we experienced JCAHO's new paradigm of review, and the survey team learned a great deal about us.

JCAHO's new unannounced survey method is designed to thoroughly evaluate how well and how safely we carry out patient care every day, not just during carefully orchestrated visits scheduled months in advance. The surveyors assessed our performance by tracing a series of patient experiences, an approach that offers a realistic, real-time picture of how care and services are provided across disciplines.

What the surveyors observed was a collaborative team doing excellent work in a large and complex organization. They saw first hand your dedication to patient safety and quality care. They were impressed by your commitment to the Clinical Center's mission and to supporting each other.

The surveyors thought the Clinical Center was a truly remarkable institution. They identified only six opportunities for improvement—requirements for improvement or RFIs—in areas relating to documentation, clinical communication, and clinical equipment testing. The survey team noted that six RFIs was remarkable few for such a large organization, considering that 249 individual standards require compliance. Before leaving, the survey team congratulated us for having such a fine hospital and for making important contributions to the nation and to the world.

I applaud your efforts in making this JCAHO visit a success. Thank you for your enthusiasm, professionalism, and teamwork.

Dr. John I. Gallin Director, Clinical Center

Dr. King Li leaves the Clinical Center for Houston



Dr. King Li, associate director for radiology and imaging services and chief of the diagnostic radiology department left the Clinical Center in October to join the Cornell Methodist Hospital in Houston.

Li came to the Clinical Center in 2001 and is proud of the changes that have taken place in the Diagnostic Radiology Department since then. "In the past five years, I've revamped the infrastructure of a department that was designed decades ago," he said. "It is now in the last phase of construction." The new configuration will bring all six MRI units together in one location. "It will be nicer for the patients and more efficient for staff," he explained.

In addition, the department has built a new lab for molecular imaging, a science that Li introduced to the Clinical Center. "It allows scientists to probe specific targets to create a better understanding of systems biology," said Li.

The Cornell Methodist Hospital in Houston, where Li is now chair of Radiology and director of imaging sciences, is a recently formed affiliation between the Methodist Hospital in Houston and the Weil Cornell Medical College. It came about when Methodist Hospital split from Baylor University.

"It's a large research institution and I'll be in charge of imaging," said Li. The new research institute building is not built yet, and Li looks forward to planning it from the beginning.

Li earned his medical degree and completed a residency in diagnostic imaging at University of Toronto. Following a fellowship in magnetic resonance imaging at University of Michigan, Li became co-director of the division of clinical MRI at the University of

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www.cc.nih.gov/ccc/ccnews/current/

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Courtyard gardens provide a handy retreat continued from page 1

garden. The paths through the healing gardens are exit routes in case of emergency, so the surface of the pathways is easy to move along, with no slopes. This also makes it easier for patients with limited vision or mobility to find their way. Snow removal—all handwork, using shovels and buckets—must be done immediately after snow falls.

pillar species can't be controlled by hand picking, the gardener might use *Bacillus thuringiensis*, a naturally occurring, soildwelling bacterium that is toxic only to certain pests. Maintenance is contracted out to a professional gardener—someone more knowledgeable than most commercial gardeners about plants' growth and pruning requirements, who can recognize

signs of disease or problem insects.

Birds provide a natural form of insect control, and Mueller has already placed a bird house in each of the courtyards. "A family of wrens will certainly help with any insect troubles." Meanwhile, bird-lovers can follow one of the five trails on campus along which 63 blue bird birdhouses have been placed.

A period of adjustment

Good maintenance is especially critical in a garden in a health-care setting, said Mueller. Plants in distress will distract from the environment's serenity. The garden is a year old now and irrigation systems are still being adjusted. "The water comes on briefly at night," said Mueller, "but plants have different watering requirements. Ferns enjoy a lot of water; hollies want less of it." The plants under the building overhang near the lobby are doing poorly and may be replaced by special paving or sculptures. Even the yucca looks desiccated, because no water gets there. The impatiens planted in one area thrived, so more annuals will be planted for summer color next year.

Natural pest control

Known for their environmentally friendly maintenance practices, Mueller and NIH have long used integrated pest management. When harmful critters appear on plants in the hospital gardens, they are not eliminated with harsh synthetic pesticides. If hand picking the insects off or snipping off a branch doesn't do the job, the gardener may use oils, soaps, or biological insecticides. If a harmful cater-

Can you identify the plants in the courtyard gardens?

The courtyard gardens have a distinct microenvironment — getting direct sun only during the peak summer months and indirect and reflected light the rest of the year. Certain evergreens, ferns, and groundcovers flourish in this much shade. The garden feels somewhat barren in winter, though some plants — the hollies, the evergreens, the bark of the river birch — hold interest during colder weather. Mueller plans to create labels for the plants for the curious gardeners among us.

Here are the trees, to start with:

- American Hornbeam (Carpinus caroliniana)
- American Hophornbeam (Ostrya virginiana)
- Cherokee Princess Flowering Dogwood (Cornus florida 'Cherokee Princess')
- Chinese (Lacebark) Elm (*Ulmus parvifolia 'Bosque'*)
- Dove Tree (Davidia involucrata)
- Foster's Holly (*Ilex x attenuata 'Fosteri'*)

- Fringe Tree (Chionanthus virgínicus)
- Japanese Snowbell (Styrax japonicus)
- Shadblow Serviceberry (Amalanchier canadensis)

The shrubs include drooping Leucothoe, dwarf fothergilla, Japanese (or Pieris) Andromeda, Japanese skimmia (Skimmia japonica), oakleaf hydrangea, Pinxterbloom azalea (*Rhododendron periclymenoides*), redveined Enkianthus, Rhododendron maximus, 'Shamrock' inkberry, spreading yew (Taxus baccata), Willowwood viburnum (Viburnum X. rhytidophylloides), and winter daphne.

Perennials include deer fern, epimedium ('Frohnleiten'), foamflower, hay-scented fern, Hosta seiboldiana, lady fern, Lenten rose (Helleborus orientalis), Liriope spicata, ostrich fern, Sarcococca, snakeroot, Solomon's seal, white bleeding heart, 'White Nancy' dead nettle, and wild ginger (Asarum europeam).



"It's a great team."

"I love science, working in the lab, and being a part of the professional environment at NIH," says Clarke. She's been at the Clinical Center, first as a medical technologist in the main lab, since graduating from the University of Maryland Eastern Shore.

Her expertise as a medical technologist is in finely detailed tests that trace a patient's health and responses to treatments and therapies. Lab results are critical components of both patient care and research, providing important information needed to track and react to progress and problems.

Assemble the facts. Examine the detail. Pay attention to the basics. Those approaches to work at the bench also guide Clarke in her role as a manager. Problems are simply obstacles to overcome, says the Bowie native.

"I'm the type of person who always sees the glass as half full," she says. "There's always a solution, so why worry? It's an approach that makes me feel fulfilled personally and professionally."

Her best advice? Always have patient care and customer service in mind, and remember that co-workers are customers, too.





NIH and Discovery challenge youngsters

This year, Oct. 21-25, the NIH is hosting the Discovery Channel's Young Scientist Challenge—the nation's premier science contest for students in grades 5-8. This is the first Discovery challenge conducted in partnership with NIH. This year's theme, "Disease Detectives," sparked NIH's interest in the project. In a series of challenges that will be filmed at the Clinical Center (mostly in the Magnuson building), 40 young competitors will investigate the causes and impact of several global health concerns,

ranging from avian flu to obesity. The competition, created by Discovery Communications and Science Service, gives students the opportunity to test their knowledge and push their limits as they explore the world of science.

See green and save energy

NIH used 30 million kilowatt-hours of electricity in September, at a cost of more than \$4.5 million. Despite this consumption, NIH is a leader in energy management. Nearly 5 percent of the energy used is from renewable sources. New facilities are being designed to be

"green" and use less energy. The Visitor Center being built on Rockville Pike will have a "green roof" that will not only save energy, but also filter pollutants from storm water runoff.

Do you want to do your part? Turn off two computers at night and on weekends. You'll save the equivalent of removing one car from the road for one year.

For more information on Energy Awareness Month go online, http://www1.eere.energy.gov/femp/ services/energy_aware.html.

Patient library moves to sunny, spacious new home

"It's a welcoming, light-filled environment for patients and their families," said Marie Kaplan, head librarian, describing the new seventh floor location for the patient library. "We're thrilled to be serving their information needs in this beautiful, spacious setting." The Patient Library, now 1,250 square feet, opened on October 4 in room 7-1580. Also expanded were its hours—until 9 pm Monday through Thursday.

The library had relocated to a smaller space on the same floor when patients moved to the Hatfield building in 2005—quarters that soon proved too cramped. "The Clinical Center's patient advisory group suggested that a new location was needed and worked with us as we explored options," said Dr. John I. Gallin, CC director. The fix was a simple space trade with other programs sponsored by the Rehabilitation Medicine Department.

Patients can browse the library's collection of 6,500 items in the sunny space in the northwest corner of the Hatfield building's top floor. "The library carries everything from medical references to the latest John Grisham novel. We are excited that the pediatric and adult book collections are now in one location so families can enjoy the library together," added Kaplan. The library will also continue its popular honor-return system, with books and magazines located in new shelving in the adjacent seating areas that ring the atrium. These resources are available for patient access around the clock.



"Our staff provide friendly and attentive service for patients—from help with medical research questions to special requests for items not found in the library." Kaplan recalls a request for the piano composition "Up Where We Belong" from the movie *An Officer and a Gentleman.* The patient wished to play the piece on the grand piano in the patient activities area of the hospital. "We performed an inter-loan library search and located the sheet music at the Enoch Pratt Free Library in Baltimore," the head librarian reported.

The library collection includes music and talking books on CD, guided imagery materials, guitars, computers and internet access, and a DVD collection. Also

available are 25 popular English language monthly magazines including *Time*, *Sports Illustrated*, *Oprah*, *Nickelodeon* magazine for kids, and foreign magazines *People En Español*, *Paris Match*, *Selecciones* (Reader's Digest in Spanish).

An open house to introduce the new library to patients, their caregivers and CC staff was held on Tuesday, October 24.

Patient Library Hours

Monday to Thursday 11 am-9 pm Friday and Saturday 11 am-4 pm Most federal holidays 11 am-4 pm Closed Sundays

Astute Clinician Lecture addresses cancer immunotherapy

"Listening to Patients: Lessons Learned in the Development of Cancer Immunotherapy" was the subject of the 2006 Astute Clinician Lecture, on Wednesday, Nov. 1 at 3 p.m. in Masur Auditorium.

The lecture was presented by Dr. Steven A. Rosenberg, chief of surgery, NCI, and a professor of surgery at the Uniformed Services University of Health Sciences and at the George Washington University School of Medicine and Health Sciences in Washington, D.C.

Rosenberg pioneered the development of immunotherapy that resulted in the first effective immunotherapies for selected patients with advanced cancer. He also pioneered gene therapy for cancer and was the first to successfully insert foreign genes into humans and to conduct clinical studies of gene therapy for cancer. His studies of cell transfer therapies resulted in cancer regressions in patients with clonal repopulation of lymphocytes with anti-tumor reactivity. More recently he and his group have genetically engineered normal lymphocytes using genes encoding anti-tumor T cell receptors and demonstrated that these modified cells could mediate cancer regression in patients, the first effective gene therapy for cancer.

Rosenberg has received numerous awards, including the Meritorious Service Medal from the U.S. Public Health Service in 1981 and again in



1986. In 1991, he received the Karnofsky Prize, the highest honor given by the American Society of Clinical Oncology. In 1998, he was awarded the Ellis Island Medal of Honor. Rosenberg received the John Wayne Award for Clinical Research from the Society of Clinical Oncology in 1996, the Heath Memorial Award from the MD Anderson Cancer Center in 2002, the Flance-Karl Award, the highest honor accorded by the American Surgical Association in 2002, and in 2003 he received the annual prize for scientific excellence in medicine from the American-Italian Cancer Foundation.

In 2005, he received the Richard V. Smalley, MD, Memorial Award, the highest honor given by the International Society for Biological Therapy of Cancer.

Rosenberg is a member of the American Society of Clinical Oncology and served on its board of directors. He is also a member of the Institute of Medicine of the National Academy of Sciences, the Society of University Surgeons, the American Surgical Association, the American Association for Cancer Research, and the American Association of Immunologists, among others.

Rosenberg is the author of over 820 articles in the scientific literature, covering various aspects of cancer research, and has authored eight books. A study published by the Institute for Scientific Information in May 1999 revealed that Rosenberg was the most cited clinician in the world in the field of oncology for the 17 years from 1981 to 1998.

The Astute Clinician Lecture was established through a gift from the late Dr. Robert W. Miller and his wife, Haruko. It honors a U.S. scientist who has observed an unusual clinical occurrence and, by investigating it, has opened an important new avenue of research.

The Astute Clinician Lecture is an NIH Director's Wednesday Afternoon Lecture Series event. It is hosted by the Clinical Center. ■

Seven new members join the NIH Advisory Board for Clinical Research

Seven new members have joined the NIH Advisory Board for Clinical Research, which oversees the intramural clinical research program.

New members from outside NIH are Elizabeth B. Concordia, senior vice president, Academic and Community Hospitals, University of Pittsburgh Medicine Center, and president of the medical center's Presbyterian Shadyside; Dr. Maria C. Freire, chief executive officer and president of the Global Alliance for TB Drug Development in New York City; and Dr. Michael J. Klag, dean of the Johns Hopkins Bloomberg School of Public Health, Baltimore.

Joining the board from within NIH are Dr. Duane F. Alexander, NICHD director;

Dr. Barbara M. Alving, acting director of NCRR; Dr. Monica Skarulis, chief of NIDDK's clinical endocrine section and acting director of the NIH Intramural Obesity Research Initiative; and Dr. Daniel L. Kastner, NIAMS clinical director.

Dr. Edward J. Benz, president of Dana Farber Cancer Institute in Boston, chairs the 17-member board. Vice chair is Dr. Barry S. Coller, David Rockefeller Professor of Medicine and vice president for medical affairs, Rockefeller University.

The NIH Advisory Board for Clinical Research was established in 2004 on the recommendation of the NIH Director's Blue Ribbon Panel on the Future of Intramural Clinical Research. The board advises and makes recommendations on budgetary matters, strategic planning, and operational integration of the intramural clinical research programs. The board also advises on CC operations, including budget and strategic operating plans.

Members, appointed by the NIH director, include physicians, scientists, and health-care managers from across the NIH and health-care organizations nationally. The board has a broader mission than its predecessor, the Clinical Center's Board of Governors, which was established by the HHS Secretary in 1996 to oversee the CC's management.

Dr. King Li leaves the Clinical Center

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Florida. He was later co-clinical director of MRI at St. Joseph's Hospital and Medical Center and the Barrow Neurological Institute in Phoenix.

Li then moved to Stanford University. During 10 years there, he rose from assistant professor to associate professor with tenure and directed the contrast media lab and the multidisciplinary in vivo cellular and molecular imaging program. He also earned an MBA at San Jose State University.

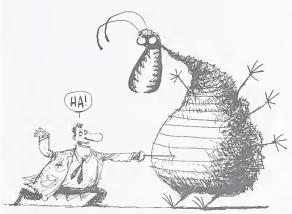
Li's clinical interest is in abdominal imaging with an emphasis on MRI. His research interest is in molecular and functional imaging. He is working to develop novel site-specific and disease-specific drug-delivery systems. He holds multiple patents, is widely published, and is repeatedly commended for his papers and presentations on MRI research. He has received four teacher-of-the-year awards from three different institutions. He won the NIH Director's Award for reengineering the Department of Radiology to use resources more efficiently.

Li was active on numerous NIH and Clinical Center committees, including chair of the Clinical Center's Scientific Advisory Committee. He lends his expertise to a long list of journals and professional societies. He is a member of the board of directors for the Association of University Radiologists and a founding member of the Society for Cardiovascular Magnetic Resonance and the American Academy of Nanomedicine.

"This has been a challenging but rewarding experience," said Li. "It has given me the chance to realign the CC Radiology Department. I can now see the next generation of radiology leaders coming into their own. Dr. Elizabeth Jones, who is acting chief, is extremely capable. And Dr. Brad Wood, who will be heading research, is very talented," he said.

"This is a wonderful place with wonderful people," he said. "I've enjoyed working here. I've improved the operating efficiency of the department and I've benefited personally from the experience."

2006 NIH Foil the Flu Program



Flu vaccine is available for NIH employees only (not contractors). An NIH photo ID is required.

Please dress appropriately. Wear clothing that will let you quickly expose your upper arm. Changing areas will not be available. Vaccinations will be given based on the first letter of the employee's last name. Employees who show up on the wrong day will be vaccinated but can expect a longer wait.

This schedule is also available at www.foiltheflu.nih.gov.

LOCATION – BUILDING 10 Clinical Center

Follow signs to the first floor patient transport entrance

| DATE | LAST NAME | MORNING | AFTERNOON |
|--------------------|-----------|------------|-----------|
| Monday, Oct. 30 | TUVWXYZ | 7:30-11:00 | 1:00-3:30 |
| Tuesday, Oct. 31 | IJKLM | 7:30-11:00 | 1:00-3:30 |
| Wednesday, Nov. 1 | EFGH | 7:30-11:00 | 1:00-3:30 |
| Thursday, Nov. 2 | ABCD | 7:30-11:00 | 1:00-3:30 |
| Friday, Nov.3 | NOPQRS | 7:30-11:00 | 1:00-3:30 |
| Monday, Nov. 13 | NOPQRS | 7:30-11:00 | 1:00-3:30 |
| Tuesday, Nov. 14 | TUVWXYZ | 7:30-11:00 | 1:00-3:30 |
| Wednesday, Nov. 15 | IJKLM | 7:30-11:00 | 1:00-3:30 |
| Thursday, Nov. 16 | EFGH | 7:30-11:00 | 1:00-3:30 |
| Friday, Nov. 17 | ABCD | 7:30-11:00 | 1:00-3:30 |
| | | | |

OFF-CAMPUS SITES

| DATE | LOCATION | MORNING | AFTERNOON |
|--------------------------------------|-----------------|---------------------------------------|-----------|
| Monday and Tuesday Nov. 6 & 7 | NSC, Room 8120 | 8:30-11:00 | 1:00-3:00 |
| Wednesday and Thursday Nov. 8 & 9 | EPN, Room 103 | 8:30-11:00 | 1:00-3:00 |
| Monday and Tuesday Nov. 20 & 21 | RKL1, 5TH Floor | 8:30-11:00 | 1:00-3:00 |
| Wednesday, Nov. 22 | Poolesville | 8:30-10:00 (110) 10:15-11:30 (103) | N/A |
| Monday, Nov. 27 | TW3, 2E06 | 8:30-11:00 | 1:00-3:00 |

OPEN CLINIC: BUILDING 10, ROOM 6C306 Occupational Medical Services

| DATE | LOCATION | MORNING | AFTERNOON |
|----------------------------|------------------------------|------------|-----------|
| November 28- December 1 | Open to all NIH Employees | 7:30-11:00 | 1:00-3:30 |

Beginning Dec. 4, 2006, the flu vaccine will be available in OMS by appointment only. Call 301-496-4411.

Upcoming Events

Clinical Center Grand Rounds and Great Teachers Lectures

December 6 Ethics Rounds

Inappropriate Surrogates: What Should Clinicians Do? Ned H. Cassem, M.D. Professor of Psychiatry, Harvard Medical School Massachusetts General Hospital Lecture will be videocast, http://videocast.nih.gov

January 10, 2007 Contemporary Clinical Medicine: Great Teachers

Diabetes
C. Ronald Kahn, M.D.
President and Director,
Joslín Diabetes Center
Mary K. Jacocca Professor of Medicine
Harvard Medical School

March 14, 2007 Contemporary Clinical Medicine: Great Teachers

Translation, Replication, and Credibility of Research Findings John P. A. Ioannidis, M.D., Ph.D. Professor and Chairman, Department of Hygiene and Epidemiology University of Ionnanina School of Medicine, Greece

May 9, 2007 Contemporary Clinical Medicine: Great Teachers

How Doctors Think
Jerome Groopman, M.D.
Beth Israel Deaconess Medical Center
Dina and Raphael Recanati
Chair of Medicine
Harvard Medical School

December 13 Contemporary Clinical Medicine: Great Teachers

Drug Addiction: Neurobiology of Disrupted Free Will Nora D. Volkow, M.D. Director, NIDA Lecture will be videocast, http://videocast.nih.gov

Clinical Center Grand Rounds will take a break for the holidays. They will resume Wednesday, January 3, 2007.

February 14, 2007 Contemporary Clinical Medicine: Great Teachers

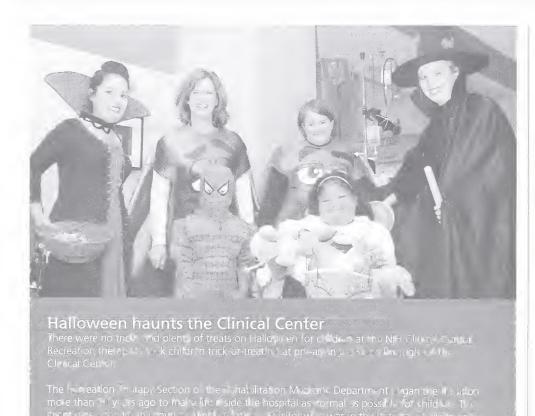
Transplantation Hans Sollinger, M.D., Ph.D. Folkert O. Belzer Professor of Surgery Chairman, Division of Transplantation University of Wisconsin, Madison

April 11, 2007 Contemporary Clinical Medicine: Great Teachers

Mysterious Cases Lawrence M. Tierney, Jr., M.D. Professor of Medicine University of California at San Francisco

June 20, 2007 Contemporary Clinical Medicine: Great Teachers

Fourth Annual John Laws Decker Memorial Lecture 2006 Distinguished Clinical Teacher Awardee Elaine Jaffe, M.D. Laboratory of Pathology, NCI



NIH-Duke program accepting applications

Applications are being accepted for the 2007-2008 NIH-Duke Training Program in Clinical Research, Implemented in 1998, the program is designed primarily for physicians and dentists who want formal training in the quantitative and methodological principles of clinical research. Courses are offered at the NIH Clinical Center through videoconference technology. Earned academic credit may be applied toward degree requirements for a Master of Health Sciences in Clinical Research from Duke University School of Medicine. The degree requires 24 credits of graded course work, plus a research project for which 12 units of credit are given. The program is designed for part-time study.

Applications are available through the Clinical Center's Office of Clinical Research Training and Medical Education, building 10, room B1L403. Additional program information is online, http://tpcr.mc.duke.edu. Enrollment in this program is limited. The application deadline is March 1, 2007.