



NEWSPAGER

In the tradition of Woman's Medical College of Pennsylvania and Hahnemann Medical College

Of Mice and Men

March/April 2006

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The *60 Minutes* segment that mentioned his research heralded “The Quest for Immortality,” but Dr. Christian Sell’s current goal is somewhat more modest. He is looking for the mechanisms by which insulin-like growth factor (IGF) influences life span in mice. Way down the road could be the means to a healthier, if not longer, late life in humans.

An Associate Professor in the Department of Pathology, Dr. Sell brought his research to the College of Medicine from the Lankenau Institute for Medical Research, Wynnewood, Pa., where he had been an investigator for several years. He was on the faculty at Medical College of Pennsylvania earlier in his career.

Dr. Sell’s research involves a multipart study, “Role of IGF-I in the Modulation of Longevity in Animals,” funded by a five-year \$1.4 million National Institute of Aging grant. As principal investigator, he is leading highly interactive collaborations with researchers at Penn State and the University of Texas at San Antonio.

Many studies have looked at changes in hormones as they relate to life span in different species. In both the worm *C. elegans* and *Drosophila* (fruit flies) researchers identified similar signaling pathways in the cells as being important for regulating longevity. These pathways in turn were very similar to those triggered by IGF in mammals. Regulated by growth hormone, IGF is what really has growth-promoting effects.

The so-called midi mice won’t win Dr. Sell the Methuselah Mouse Prize (see page 13), but they’ve proven themselves suitable for the study.

“Now we know the midis live longer,” Dr. Sell says, “and we have an indication that they have a lower tumor incidence – therefore less cancer. We’re also eyeing an interesting shift in metabolism,” he says. “The midis have a lower fasting glucose level than average. Is it that the ability of muscle to handle glucose has changed, and that’s eventually influencing life span?”



Dr. Sell

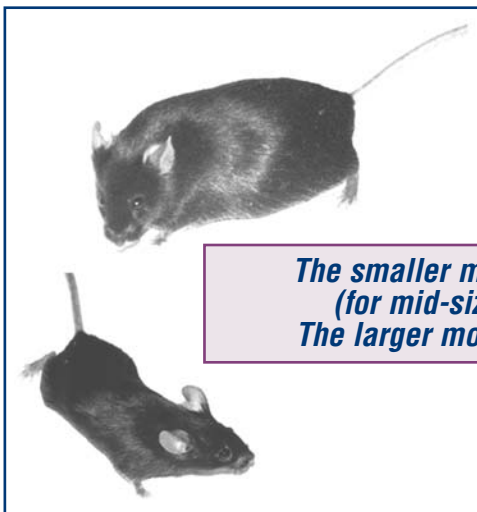
Reducing IGF clearly extends life. The paradox is that IGF is an important survival factor for neurons; given to older animals, it can help them recover from injury; and it may be useful later in life to maintain muscle mass.

“We don’t understand how to explain this contradictory result,” Dr. Sell says. So, the question is, What is IGF really influencing? That’s what Dr. Sell hopes to find out.

“I’ve laid out different goals,” he notes. “One of them is to use our cell expertise – because we have a lot of it – to try to identify modulators of the IGF pathway; that could be useful in several settings. Two is to think about some ways to influence the hormone system. Three is to continue in a very logical way dissecting the effect of low IGF in these animals.”

For many years, Dr. Sell’s research went on in vitro. “I liked the precision,” he says. “For better or worse, doing this kind of study has brought me out of the cell culture dish, where I was really focused on protein-protein interaction, signaling and so on.

“This has made me think about animals, and although I don’t have any firm plans, I’m thinking in terms of more translational things.”



The smaller mouse is a midi (for mid-sized) mouse. The larger mouse is normal.

In preliminary experiments with mice, Dr. Sell confirmed what was long expected, that IGF is an important pathway in the regulation of longevity. Mice were

produced with an intentional genetic defect that reduces IGF production. They were 40 percent smaller than

the normal controls (see photo) and, more to the point, they lived longer. The last of the original cohort of 20 are now reaching the end of their life cycles at 3 to 3.5 years, versus 2 for their larger cousins.

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Barry D. Waterhouse, Ph.D.
Associate Dean
Office of Research & Biomedical
Graduate Studies

Research Training in the College of Medicine – What's Next?

The research training programs administered through the Office of Biomedical Graduate, Postdoctoral, and Professional Studies within Drexel University College of Medicine have experienced rapid growth in the past five years, a trend that is expected to continue as the College aggressively expands its basic and clinical research enterprise. Since 2001,

the size of our incoming class of Ph.D. and master's students has tripled. Many of these trainees are now making significant contributions in our laboratories, and in fact, six current students have received prestigious full fellowships from the National Institutes of Health or private foundations to complete their studies. Two recent M.D./Ph.D. graduates are in residencies at Massachusetts General Hospital/Harvard, and a third is at Washington University/Barnes-Jewish Hospital.

Another recent development is the organization of the postdoctoral training path under the leadership of Dr. Rick Rest and the affiliation of this program with a citywide Howard Hughes Medical Institute–Burroughs Welcome sponsored postdoctoral training consortium that includes Children's Hospital of Philadelphia, Jefferson, and Temple.

Other notable achievements include sponsorship of summer undergraduate and minority research programs, and expanded research opportunities for medical students and residents. Important affiliations with research groups at Fox Chase Cancer

Center, Allegheny General Hospital, Lankenau Hospital and Centocor are also ongoing and will significantly increase research opportunities for students as well as promote new collaborations for Drexel laboratories. One need only experience the enthusiasm at "Discovery Day," the College's annual research day, to appreciate the full impact of scientific inquiry on the culture of the medical school.

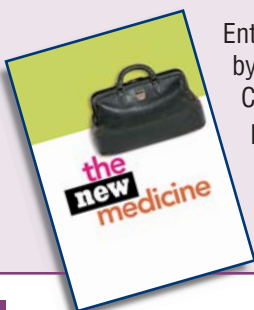
Despite these successes, there are still many ways that graduate training will influence clinical and basic research within the College. Because of its historical strengths Drexel has a unique opportunity to blend the disciplines of medicine, biology, engineering, and information sciences in a way that few other academic health centers can match. The mandate for this alliance is already in place; the challenge is how to implement this strategic vision. One answer is to cultivate cross-campus interdisciplinary graduate programs that exploit the talents of faculty and graduate students from diverse academic and research backgrounds. Emerging university-wide programs in Molecular Medicine and Neuroengineering are two such hybrid programs that hold significant promise for synthesizing interests across fields and creating a new generation of solutions to medical problems.

A second, untapped resource within DUCOM is medical students and residents, particularly those with biomedical engineering backgrounds, who must find their way into university laboratories that will nurture their curiosity in traditional and translational research. Likewise, information science and engineering students must be guided to College of Medicine laboratories that can benefit from their technical expertise and problem-solving skills. Although it may be self-evident, it is no less true that the strength of a research university lies in its ability to bring talented people together in unique combinations and, by so doing, create environments that promote new modes of scientific inquiry and new technological advances.

Contact: 215-991-8411

Segment on DUCOM Clinical Skills Scheduled to Air March 29 on PBS

A documentary on integrative medicine that includes a segment with Dr. Dennis Novack and then first-year DUCOM students will have its long-awaited debut on Wednesday, March 29, at 9 p.m. (for story see March 2005 NewsPaper, <http://www.drexelmed.edu/documents/newspaper/March05.pdf>, page 3).



Entitled *The New Medicine*, the film hosted by Dana Reeve features Drexel University College of Medicine as a school that places great importance on patient communication skills. Be sure to check your local listings.



Dennis Novack, M.D. (right), and then first-year student Tom Davis look relaxed in front of the camera during PBS filming.

Student Benefit Raises More Than \$26,000 for Pediatric AIDS



More than 600 tickets were sold for the Pediatric AIDS Benefit Concert, held February 11. "There was a great turnout despite the heavy snow, which we were thrilled to see," a message from the committee says. "Thanks to all our volunteers and your support, PABC deposited just over \$26,000 in the bank, but we aren't done yet," the message continues. "There are still donations coming in."

The committee asks first-year students who are interested in coordinating next year's event to start giving it some thought.

Contact: Dr. Dennis Novack 215-991-8537

Helen Agnes Creight Bequest to Advance Pediatric Research



The establishment of the Helen Agnes Creight Center for Pediatric Metabolic Disorders by Drexel University College of Medicine and our academic partner St. Christopher's Hospital for Children was celebrated in December at a dinner at The Orchards, the home of Drexel University President Dr. Constantine Papadakis and his wife, Eliana. Made possible by a generous gift from the estate of Helen Agnes Creight, the center seeks to enhance the diagnosis and care of children and adolescents with congenital or acquired metabolic disorders, to improve the education of health professionals and the public regarding those disorders, and to create and nurture research. The Creight Center will be the first of its scope in the region. Pictured at The Orchards are (l-r): Dr. Richard V. Homan, Senior Vice President for Medical Affairs and Annenberg Dean, College of Medicine; Attorney Anton Marzano, of Zarwin, Baum, DeVito, Kaplan, Schaer, and Toddy, who was the executor of Mrs. Creight's estate; his wife, Mary Clearkin Marzano, who was Mrs. Creight's goddaughter; Dr. Papadakis; Attorney Gary Zlotnick of Zarwin et al., who represents Mrs. Creight's estate; and Joseph Linsley also with the law firm.

Franklin Institute Taps Mini-Med Expertise



The Mini-Medical School at Drexel University College of Medicine is becoming known as a key resource for community education. This winter, the Franklin Institute invited Mini-Med to present a program called "Journey Into the Living Body," staffed by DUCOM physicians, residents and students, just outside the institute's fabulous Body Worlds exhibit during periods of high attendance, such as President's Day weekend. Taking a teaching break are (l-r): Sumit De, M.D., surgical resident; Margaret Herwood, 3rd year medical student; Adrian Lata, M.D., surgical resident; Christopher Kleeman, M.D., GI fellow; Andy Goberdhan, M.D., surgical resident; Cheryl Bansal, 3rd year medical student; Andres E. Castellanos, M.D., Assistant Professor, Department of Surgery; and David E. Stein, M.D., Assistant Professor, Department of Surgery, and Director, Mini-Medical School.

Contact: Peggy Lee, 215-762-6800

DUCOM Students Help the Ronald McDonald House



The Pediatric Interest Group at Drexel University College of Medicine raised over \$300 in food to donate to the Philadelphia Ronald McDonald House. Thank you to all the faculty and students who gave a helping hand for those in need. Pictured are the students who hand-delivered the food (l-r): Dan Choi, Adam Abdulally, Santisree Tanikella, and Reza Madani.

Compliance Corner: Pennsylvania Residents Must Be Notified When Personal Information Security Is Breached



Edward G. Longazel
Chief Compliance Officer

Providing for the notification of Pennsylvania residents who have had personal information data disclosed, or possibly disclosed, due to a security system breach, and imposing penalties, Senate Bill 712 was signed by the Governor with an effective date in June 2006. The Bill protects all Pennsylvanians who have data stored electronically. Students, patients, employees, faculty, staff, and vendors are all protected.

Failure to notify an individual of a breach of security could result in transfer of any liability from the breach to the organization that was the custodian of the information prior to the breach!

The General Assembly of the Commonwealth of Pennsylvania enacted the Bill as the "Breach of Personal Information Notification Act." The Bill defines a Breach of Personal Information as: Disclosure of an individual's first name or first initial and last name in combination with and linked to any one or more of the following data elements, when the name and data elements are not encrypted or redacted (hidden or maintained in incomplete form): (i) Social Security number, (ii) Driver's license number or a State identification card number issued in lieu of a driver's license, (iii) Financial account number, credit or debit card number, in combination with any required security code, access code or password that would permit access to an individual's financial account.

Immediately after notifying police, security and COM-IT personnel as appropriate, faculty and staff aware of the breach of information databases by loss, theft, malicious intrusion or copying or transfer of data should notify the Privacy Officer at **215-762-2023**. The process to notify Pennsylvania residents per the new Notification Act will then be coordinated by the Privacy Office. Note that many states have similar requirements and legal office resources will be utilized to finalize any notification response to out-of-state residents.

We never guess! We ask! Questions? Training requests? Call 215-762-2023
CONFIDENTIAL HOTLINE: 215-762-1010

Allegheny General Hospital: Partner in Western Pennsylvania

It was 2:30 p.m. on January 5, 2006, when an urgent call came from physicians at West Virginia University Hospitals. Could they transport Randal McCloy, the only survivor of the Sago Mine Disaster, to Allegheny General Hospital (AGH) for treatment? They knew that AGH has expertise in treating patients with severe carbon monoxide poisoning as well as one of the only hyperbaric chambers in the region that can accommodate a patient on a ventilator.

In just three hours, Allegheny General assembled a medical team that was ready and waiting for McCloy when he arrived by ambulance. A student from Drexel University College of Medicine on rotation in the Medical Intensive Care Unit became part of the team that provided care.

“The student collected clinical information that assisted the senior physicians treating Mr. McCloy,” says Richard P. Shannon, M.D., Professor of Medicine, Drexel University College of Medicine, and Chair of the Department of Medicine at Allegheny General, who headed the team. “We greatly appreciated the assistance, and all of us were gratified to be part of the team caring for this patient.”

This extraordinary learning experience underscores the importance of DUCOM’s 18-year affiliation with Allegheny General Hospital, according to Barbara A. Schindler, M.D., Vice Dean, Educational & Academic Affairs, DUCOM. “Allegheny is a top-notch tertiary care academic health center with a Level I Trauma Center that exposes our students to a widely diverse population of patients in terms of disease processes and available treatment options,” says Dr. Schindler.

“The hospital’s location affords students interested in practicing in Western Pennsylvania the opportunity to complete all of their third- and fourth-year clinical rotations in that region.”

Each year, about 150 DUCOM students rotate at Allegheny General, which has been recognized eight times by *U.S. News & World Report* as one of “America’s Best Hospitals” for a number of clinical specialties. This 829-bed facility has 1,250 physicians and 4,600 employees who handle nearly 32,000 admissions, 56,000 emergency visits and 28,000 surgical procedures annually.

At Allegheny General, students benefit from a very favorable faculty-to-student ratio that affords them a generous amount of one-on-one time with the DUCOM faculty members on staff there.

“We use a hands-on approach to teach students how to establish meaningful patient-physician relationships,” says Jack Wilberger, M.D., Senior Associate Dean and Professor of Neurosurgery, Drexel University College of Medicine, and Chair of the Department of Neurosurgery, Allegheny General. “This enables them to develop important capabilities and competencies in dealing with patient issues.”

“Understanding the human side of the illness experience is as important as acquiring clinical knowledge,” notes Dr. Shannon. “We try to teach our students the true meaning of caring for the human being in the bed. We also emphasize the increasingly important role that physicians must play in leading efforts to improve patient safety.”



AGH’s bright lobby



Allegheny General’s Pittsburgh location is advantageous for students who want to practice in the area.

Students also learn about quality and value of care. “We teach them how to assess whether tests and procedures being ordered are truly necessary to improve the quality and outcome of the patient’s care,” says Dr. Wilberger.

“AGH provides students with first rate clinical opportunities to learn how to practice medicine in an environment where they’re surrounded by faculty who, first and foremost, have clinical interests but who are also involved in research,” emphasizes Dr. Shannon.

Allegheny General is the gateway to some of the most prominent research in breast and colorectal cancer treatment and prevention through studies conducted by the National Surgical Adjuvant Breast and Bowel Project. Supported by the National Cancer Institute, this research initiative involves more than 6,000 medical professionals whose efforts are coordinated by Allegheny.

“In the future, we look forward to building a strong clinical research network with Drexel University College of Medicine,” says Dr. Shannon. “Having the ability to enroll patients in ongoing clinical trials on both sides of the state will benefit Allegheny General and the College while enriching the education that students receive here.”

ELAM Names First Senior Scholar

The Hedwig van Ameringen Executive Leadership in Academic Medicine (ELAM) Program for Women has created the position of Senior Scholar to conduct and broadly publicize research on issues facing women leaders in academic medicine and to advance efforts to strengthen the existing mentoring culture for women.

The first ELAM Senior Scholar will be Sally E. Rosen, M.D., MFS, Special Assistant, Office of the Provost, Temple University, and Professor of Pathology at Temple University School of Medicine. Dr. Rosen, currently on study leave from Temple, is a longtime advocate for the advancement of women in scientific professions and of research on health issues that primarily affect women.

This is the first of several initiatives ELAM is launching as the program begins its second decade. "Over the next 10 years, we plan to expand our services beyond traditional leadership preparation and reach out to existing women leaders, seeking ways to encourage and sustain them in their ongoing leadership work," says Page S. Morahan, Ph.D., Co-Director of ELAM.

For more information on the ELAM curriculum, faculty and participants, visit www.drexelmed.edu/elam.



Page S. Morahan, Ph.D., Co-Director of ELAM (left) meets with new Senior Scholar Sally E. Rosen, M.D.

A Meeting of the Minds



An autumn visit to Allegheny General Hospital included DUCOM faculty and information technology people. Front (l-r) Drs. James Reynolds and Barbara Schindler; AGH's Jeff Reed, and Drs. Jennifer Lewis and James Doebele, also AGH. Row 2: Robin Smith, Paul Kearney, Drs. Allan Tunkel, Robert Guthrie of AGH (rear), and Arnold Smolen. Row 3: Drs. Kathleen Ryan and David Tabby (forward), George Zeiset, and Drs. Michelle Lamoreux (rear), Laura Smals, and Mary Anne Kuzma (rear). Row 4: Drs. Dilip Ramchandani, Amy Levine, Janet Moore, and AGH's Swami Nathan.

Dr. Holmes Morton: Successful Care Begins with Truly Caring

The Office of Faculty Development and the Medical Sciences Program co-sponsored the Arnold P. Gold Foundation Lectureship as part of the Humanism and Professionalism in Medicine Series on February 15. D. Holmes Morton, II, M.D., internationally renowned pediatrician and



Dr. Morton

humanitarian, presented "Medical School and Beyond: Learning to Care." Dr. Morton and his wife co-founded the Clinic for Special Children in Lancaster County, Pa. They began caring for children with inherited disorders such as maple syrup urine disease and glutaric aciduria in the Amish and Mennonite populations of that area 17 years ago. That care has extended to children and families with over 80 disorders from all over the world. Dr. Morton has contributed greatly to the science and understanding of heritable disorders. He believes that success in providing care to patients begins with truly caring for patients: that is the basis of being an excellent physician and scientist.

Woman One Event April 27

Men and women of the Drexel academic family are marking their calendars for the April 27 Woman One Award event, which this year will honor humanitarian and television performer Suzanne Roberts.

The Woman One Award is presented annually by the Institute for Women's Health and Leadership to a woman who has demonstrated exceptional leadership in the community. With a long list of credentials in performing arts and community activities, Suzanne Roberts also has Hahnemann connections, having served at one time as a clinical instructor there. She also did speech therapy work at St. Christopher's Hospital for Children.

"Her television achievements, her philanthropy, her commitment to human development—they all add up to Woman One standards of excellence," says Lynn Yeakel, Director of the institute.

Proceeds from the Woman One event are devoted to scholarship support for minority women who are medical students at Drexel University College of Medicine. To date \$450,000 has been raised for Woman One scholarships. Five Woman One scholars are now enrolled, one of them funded by the Suzanne Roberts Cultural Development Fund.

Information on the April 27 event can be obtained by calling **215-842-7041**.

Dr. Wiler Takes a Stand

Jennifer Wiler, M.D., a third-year emergency medicine resident at the College of Medicine was featured in the February edition of *AMA Voice* for her activist role in efforts to improve the healthcare system at a time when rising medical liability insurance premiums are driving specialists from Pennsylvania. Dr. Wiler, a past recipient of the 2005 Leadership Award from the AMA Foundation, also cites reduced access to care and the increase in un- and underinsured patients as pushing her to become involved in the fight to improve the system. She is active in the Pennsylvania Medical Society and serves as an alternate delegate to the AMA Resident and Fellow Section Assembly, and is also the representative council speaker for the Emergency Medicine Residents Association.



Dr. Wiler

Center for Women's Health Joins Forces With NBC-10

NBC-10 kicked off a joint public service campaign with the Drexel Center for Women's Health with TV and webcast coverage beginning January 23 and continuing through the month of March.

Dr. Katherine Sherif, Assistant Professor of Medicine, and Director of the Center for Women's Health, and Dr. Christine Soutendijk, Assistant Professor of Medicine and Assistant Director of the center, recorded eight separate 30-second public service announcements, each addressing a different aspect of women's heart health.

The PSAs are currently airing on NBC-10 and can also be viewed on the web. See the web coverage at <http://www.nbc10.com/sponsors/6368828/detail.html> through the end of March.

Already, thousands of NBC-10 viewers have clicked onto the Drexel Center for Women's Health page, and hundreds have requested additional information about the center.

In addition to the PSAs, Drs. Sherif and Soutendijk will be featured periodically on NBC's *10! Show* (weekdays at 10 a.m.) to discuss women's health issues, and they will also be part of NBC-10's Fit Fest taking place at the Pennsylvania Convention Center April 22-23.



During the NBC-10 shoot, which took place at the home of Drexel University President and Mrs. Constantine Papadakis, (l-r) Producer Angelo Dush and videographer John Johnson look over the script with Dr. Christine Soutendijk, DUCOM Assistant Professor of Medicine and Assistant Director of the Drexel Center for Women's Health.

Drexel Center for Women's Health: 215-762-5181



ALUMNI ASSOCIATION

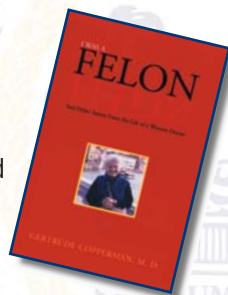
To the Alumni Association: I would like to express my sincere gratitude for your support of the DUCOM student body. Your financial support has allowed the Student Government Association to send medical students to conferences all over the country as well as support local meetings and host regional conferences for student interest groups. The \$5,000 donation you made sent two students to the North American GLBTPM Conference in Montreal, four students to the national APAMSA Conference in Chicago, and four students to the AAHCN Conference in New York. With your support, the Drexel chapter of MSFC was able to host a regional conference at Queen Lane, and AAHCN continued to offer medical Chinese classes for DUCOM students. These are just a few examples of the many things that Drexel Med students have been able to accomplish with the continued support of the Alumni Association. Thank you for helping us to enrich our educations beyond the classroom.

Sincerely,

Gabriel Flaxman, MS-II, SGA President

'40s

Gertrude Cooperman, M.D., WMC '49 had her book *I Was a Felon: And Other Stories From the Life of a Woman Doctor* published in April 2005 by Xlibris Corporation.



'60s

Richard Kraus, M.D., HU '69 joined Fox Chase Radiology Associates, where he practices radiology and reads x-rays for Carlisle Regional.

Vivian Pender, M.D., WMC '69 is currently the treasurer of the American Psychiatric Association's political action committee. She attended an event in New York City which educated federal legislators and policymakers about mental health issues.

'70s

Kathleen E. Toomey, M.D., MCP '73, J.D. has been appointed to the North Carolina Council for the Deaf and Hard of Hearing by Governor Mike Easley. Dr. Toomey is a pediatrician at the Children's Developmental Services Agency in Fayetteville, N.C.

Leonard M. Pogach, M.D., HU '76 reports that he is the National Diabetes Program Director for the Veterans Health Administration, and Director, Center for Healthcare Knowledge Management, New Jersey Veterans Administration Healthcare System. His research interests are performance measurement and effectiveness studies.

Raymond J. Fabius, M.D., HU '77, CPE, FACPE has been elected to the Board of Directors of the American College of Physician Executives for a three-year term. Dr. Fabius is the President and Chief Medical Officer of I-trax, Inc., a leading provider of integrated workplace health and productivity management solutions located in Chadds Ford, Pa.

Robert J. Gorrell, Jr., M.D., HU '77, FACS joined the Wayne Memorial Hospital medical staff in Honesdale, Pa., in January 2006. Dr. Gorrell specializes in vascular and thoracic surgery. Dr. Gorrell graduated from Drexel in 1973 with a B.S. degree in biological sciences.

Joseph Abate, M.D., HU '79, FACC has been hired at Heart Clinics Northwest, a physician group specializing in the delivery of cardiovascular care in Spokane, Wash. Dr. Abate completed his internship and residency at Allentown Affiliated Hospitals in Allentown, Pa.

'80s

Amy Mims, M.S., HU '80 presented a program on feng shui at the Business and Professional Women of Newtown meeting. Ms. Mims is a certified feng shui practitioner and the Co-Director of the New England School of Feng Shui.

'90s

Angelo Trinidad Reyes, M.D., HU '91 has joined Beth Israel Medical Center-Kings Highway Division, Department of Surgery as an attending physician. Dr. Reyes is a thoracic and vascular surgeon who is trained in minimally invasive thoracoscopic techniques for surgery on the esophagus, lungs and chest wall, and he also has particular expertise and interest in wound care. Dr. Reyes was also appointed Chief of Beth Israel's Asian Services Program.

Naaz Fatteh, M.D., MCP '92 has been accepted into the Johns Hopkins School of Public Health where she plans on getting a master's degree in public health, focusing on international healthcare. Currently she is an infectious diseases physician working in Springfield, Va.

Max Medary, M.D., MCP '92, a neurological surgeon, was mentioned in the *Orlando Magazine* as specializing in complex surgery of the brain and spine at Greater Orlando Neurosurgery & Spine. Dr. Medary has a special interest in skull base surgery, such as acoustic neuromas and pituitary tumors, and complex spine disease and cerebrovascular disorders.

David Jacofsky, M.D., MCP '96 is the Chairman of the Center for Orthopedic Research and Education, called the CORE Institute. Previously he was the Director of the Orthopedic Trauma Service and Assistant Residency Director at the Mayo Clinic in Rochester, Minn. Dr. Jacofsky is also an international speaker on joint reconstruction and replacement traumatology and oncology.



Glen J. Barbee, M.D., HU '98 is a songwriter and record producer for such artists as Janet Jackson and The Whispers. A member of the Recording Academy (the Grammy organization), Dr. Barbee writes a medical column for Grammy.com. He also donates his time to the MusiCares Foundation, providing free medical care to struggling musicians. Dr. Barbee is a family physician at the Kaiser Permanente clinic in Huntington Beach. He is also a member of the Drexel University College of Medicine Alumni Association Board.

Former Residents

Malcolm MacNab, M.D., Ph.D., Former Resident and Former Staff has been appointed Vice President of Clinical Development for HaptoGuard, Inc. Dr. MacNab's responsibilities will include managing HaptoGuard's lead compound, BXT-51072, an enzyme that may protect against excessive oxidation of lipids, thereby limiting inflammation. Dr. MacNab received post-

graduate training in Internal Medicine and Hematology at MCP and maintained an academic appointment at the College for several years.

Catherine Piontek, M.D., Former Resident, MCP has accepted the position of Medical Director for Interlink Healthcare Communications, a full service healthcare advertising/communications agency based in Lawrenceville, N.J. Interlink Healthcare Communications is part of the Lowe Healthcare Network, an Interpublic Group Company, an advertising and marketing services conglomerate. Dr. Piontek has had more than 10 years of experience in academic psychiatry and private practice.

F. T. Vilorio, M.D., Former Resident, HU, a pulmonologist, has retired as Medical Director for Bayhealth – Milford Memorial Hospital's Cardiopulmonary Department. He served in this capacity since 1977.

Dr. Mary S. Oda: Looking Back and Giving Back

When Mary S. Oda, M.D., WMC '46, decided to become a physician, she faced some unusual challenges. Now retired after 45 years in a successful family practice in the San Fernando Valley of California, she recalls the difficulty of pursuing a medical career as a Japanese American during World War II.

As an undergraduate majoring in bacteriology at UCLA, Dr. Oda first aspired to a career in research. Then, discouraged by a professor who said she would never be hired in research because of the war and political concerns about her ethnic background, she decided to become a physician instead.

Dr. Oda was accepted at the University of California at Berkeley Medical School, where only 11 women and three Japanese Americans could be admitted in each class under a quota system. After beating those odds, her medical education was interrupted after just one year by the World War II internment of Japanese Americans. Dr. Oda and her family were sent to a "relocation center," or internment camp, where she served as a doctor's assistant. Looking ahead, she also sent applications to all 60 medical schools existing in the United States at that time. She was accepted by Woman's Medical College of Pennsylvania (WMC), a predecessor institution of Drexel University College of Medicine.

After the war, Dr. Oda's family did not have enough money for her to complete more than one more year of her medical education. However, WMC granted Dr. Oda scholarship funding for her third and fourth years, enabling her to complete her

medical education and return to California, where she provided medical care to an underserved population of foreign born patients until December 2005.

"I was always very grateful for those scholarships and I wanted to repay the College in some way," Dr. Oda says. Two years ago, she endowed a scholarship for the College in memory of her son, Eugene David Oda, who wanted to become an ophthalmologist before he died in an auto accident at the age of 19. Dr. Oda has contributed generously so that the fund will be able to produce many thousands of dollars in scholarship support for College of Medicine students each year.

"Woman's Medical College had very tough standards, which prepared me well to be a physician"

"Woman's Medical College had very tough standards, which prepared me well to be a physician," reflects Dr. Oda. "I became much more

aware of female health concerns while studying there. The College was way ahead of its time in emphasizing that hormone treatment in women can be linked to undesirable outcomes such as cancer. As a result, I rarely prescribed them in my practice and encouraged my colleagues to follow suit."

"I am pleased that the College continues to be in very good hands," adds Dr. Oda. "I'm impressed with the continuing strength of its programs and its overall success under the fine leadership of Dr. Papadakis."

For more information about establishing scholarship funds, contact Laura Valenti at (toll-free) **866-DREXMED (866-373-9633)**, or valenti@drexel.edu.



ALUMNI ASSOCIATION

In Memoriam

'30s

Edith Korentz Witt Chernoff, M.D., WMC '39

'40s

Anna M. Bernatovech, HU '40
 Richard I. Darnell, M.D., HU '40
 Albert F. Parker, M.D., HU '40
 Elva Marie Boynton, HU '41
 Robert W. Duffy, M.D., HU '42
 Raymond Q. Seyler, M.D., HU '42
 Arthur Lipschutz, M.D., HU '43
 Claire T. Ryan, HU '43
 Lenore A.J.R. Bajda, M.D., WMC '44
 John J. McDonald, M.D., HU '44
 Harry D. Troyen, M.D., HU '44
 Margaret P. Evans, M.D., WMC '45
 Arthur H. Svedberg, M.D., HU '45
 Eleanor G. Morris, M.D., WMC '46
 Sandra G. Goding, M.D., WMC '47
 Marguerite Orndorf Kelso, WMC '47
 George L. Stark, M.D., HU '48

'50s

Patricia Myrick Marco, M.D., WMC '52
 Kathryn Gerstenfeld, R.N., WMC '54
 Ronald G. Goldberg, M.D., HU '56
 Lila Stein Krosner, M.D., WMC '57
 Franklin A. Paul, M.D., HU '58

'60s

Francene Margolin Fisch, M.D., WMC '69

'70s

Lucrezia Aquino, M.D., MCP '71
 Barbara Costin Maisel, M.D., MCP '73
 Joan Ellen Beninato, R.N., HU '75
 Bruno J. Bromke, Ph.D., HU '77

'80s

Diana S. Boden, HU '84

'90s

Kevin J. McGibney, M.D., MCP '91



Dr. Wood

Margaret Gray Wood, M.D., WMC '48
 passed away February 9, 2006, at her home in Philadelphia. Dr. Wood and her late husband, Alfred C. Wood, were the parents of Margaret Diana Wood, M.D., MCP '87; Moira Dorothy Wood, M.D., MCP '91; and Deirdre Wood-Harper, M.D., MCP '96.

An Emeritus Professor at the University of Pennsylvania, Dr. Wood retired after a distinguished academic career as a dermatopathologist, during which she became Chief of the Division of Dermatology

at Penn's School of Medicine. She was for many years a trustee of the Medical College of Pennsylvania and of the Trust Fund of the Alumnae/i Association of WMC/MCP. Dr. Wood taught at her alma mater early in her career and always maintained strong ties with faculty and alumnae/i of the College, for which she was honored with the Alumni Service Award in 1996. She also supported the Margaret Gray Wood Collection in the library of the Women's Health Education Program. The Dr. Margaret Gray Wood Award is presented each year to a student who has made significant contributions to alumnae/i-student relations at the College.

Alumni Relations Has Moved

The new contact information is:

Alumni Relations Office: **215-255-7341**
 Toll Free: **866-373-9633**
 Website: <http://www.drexelmed.edu/med/ia/alumni/>

Send alumni notes to Patty Comey at pcomey@drexelmed.edu or mail to: College of Medicine Office of Alumni Relations Suite 11489, 1601 Cherry Street, Philadelphia, PA 19102

ALUMNI ASSOCIATION



Join classmates, friends and faculty for Drexel University College of Medicine Alumni Weekend May 5-7, 2006

Experience the education, celebrate the accomplishments, and enjoy the recreation planned for your pleasure. This memorable Alumni Weekend offers fun-filled activities and entertainment for everyone. We extend a very special welcome to alumni from reunion years ending in 1 and 6.



The College is proud of its heritage and, most importantly, its alumni. We encourage you to share the memories and join in the fun. Questions? Please call the Office of Alumni Relations toll-free at **866-DREX-MED (866-373-9633)**.

Drexel University College of Medicine Alumni Weekend 2006



Weiss Fellowship in Biomedical Graduate Studies Established



Jeegar P. Patel (left) was recognized as the first Benjamin Weiss Scholar in Pharmacology and Physiology at a formal presentation held on January 25. Initiated by Ellie Cantor, Ph.D., MCP '79, a DUCOM trustee, the Weiss Fellowship Fund was created to honor Dr. Benjamin Weiss, a faculty member who retired as Professor of Pharmacology and Psychiatry. Also pictured (l-r) are Dr. Olimpia Meucci, Associate Professor, Pharmacology and Physiology; Dr. Weiss; Dr. Michael White, Chair, Pharmacology and Physiology; and Dr. Cantor.

Dr. Weiss was a renowned and beloved professor, who has kept many of his students as friends over the years, says Dr. Cantor. "It was an honor to have been his student, and I am proud to have become his friend," she says.



Dr. Abaza

Nabil A. Abaza, Ph.D., Professor and Program Director of Oral and Maxillofacial Surgery, has been elected as an item writer for the National Oral and Maxillofacial Self-Assessment Test. Subject matter includes craniofacial trauma, pathology and craniofacial reconstructions.

Mahendra Bhopale, Ph.D., D.Sc., Research Associate, Department of Neurobiology and Anatomy, was awarded a Shriners Hospital for Children Research Fellowship for his application "Strategies to Reduce Neuroinflammation and Secondary Degeneration After Spinal Cord Injury," in the amount of \$59,450.

Anthony Burns, M.D., of the Department of Neurobiology and Anatomy, received a grant from the Craig H. Neilson Foundation for his research entitled "Improving Arm Function Following Cervical Spinal Cord Injury," in the amount of \$198,086.



Dr. Fischer

Itzhak Fischer, Ph.D., Professor and Chair, Department of Neurobiology and Anatomy, received a grant from the Craig H. Neilson Foundation for his research entitled "Application of Neural Stem Cell Transplants in Spinal Cord Injury," in the amount of \$140,000. Dr. Fischer was also awarded a Shriners Hospital for Children Medical Research Grant for his application "Grafting

of Bone Marrow Stromal Cells to Repair Spinal Cord Injury," in the amount of \$717,455.



Dr. Goldsmith

Donald Goldsmith, M.D., Director of the Department of Rheumatology at St. Christopher's Hospital for Children, recently received the Arthritis Foundation's Quality of Life Professional Education Award. The award is presented to the healthcare professional who has done the most to help educate medical professionals who work with people who have arthritis. Dr. Goldsmith

was recognized for his commitment and crucial care and support for children affected by arthritis.



Dr. Houle

John Houle, Ph.D., and **Marion Murray, Ph.D.**, both Professors in the Department of Neurobiology and Anatomy, received a grant from the New York State Spinal Cord Injury Research Program for their research entitled "Gene Expression After Acute and Chronic Injury and Rescue," in the amount of \$553,992.

Richard Huneke, DVM, MPH, Director, University Laboratory Animal Resources, was elected to the Council on Accreditation of the Association for Assessment and Accreditation of Laboratory Animal Care International. The association is a private, nonprofit organization that promotes the humane treatment of animals in science through voluntary accreditation and assessment programs.



Dr. Kresh

J. Yasha Kresh, Ph.D., FACC, Professor of Cardiothoracic Surgery and Research Director of Cardiovascular Biophysics, was elected a Fellow of the American Heart Association and the Council on the Basic Cardiovascular Sciences. He was recognized for his contributions to the basic understanding of cardiovascular system dynamics and for pioneering heart replacement therapies.

Dr. Kresh also became a member of the inaugural class of Fellows of the Biomedical Engineering Society (BMES). The inaugural Fellows were honored in a formal induction ceremony held in conjunction with the BMES 2005 Annual Meeting in Baltimore. Dr. Kresh's nomination as BMES Fellow recognized his contributions "to advancing therapies and enabling technologies for treatment of cardiovascular system disorders, and for inventing an adaptive cardiac pacemaker and blood-coagulation analyzer."



Dr. Kumar

Mysore S. Anil Kumar, M.D., Professor of Surgery, College of Medicine, and Chief of the Division of Transplantation, Hahnemann University Hospital, was recently awarded the City of Philadelphia Citation Award by the Office of the Mayor for his unwavering commitment to the field of kidney transplantation.

Michel Lemay, Ph.D., Assistant Professor, Department of Neurobiology and Anatomy, received a grant from the Craig H. Neilson Foundation for his research entitled "Afferent Stimulation to Augment Spinal Gait," in the amount of \$131,688.



Dr. McLeer

Susan McLeer, M.D., Professor and Chair of Psychiatry, has recently been elevated to the position of Distinguished Life Fellow in the American Psychiatric Association as well as in the Pennsylvania Psychiatric Association. Dr. McLeer has also been appointed to the American Psychiatric Association's Council on Healthcare Systems and Financing.



Dr. Morahan

Page S. Morahan, Ph.D., Co-Director of ELAM (Executive Leadership in Academic Medicine), has been selected as a 2006 Fellow by the Association for Women in Science for her exemplary commitment to the achievement of equity for women in science, technology, engineering, and mathematics. Dr. Morahan was honored at the February Annual Meeting of the American Association for the Advancement of Science. Dr. Morahan

has also been appointed to the newly formed editorial board of *Academic Physician and Scientist*, a news magazine published by Lippincott, Williams & Wilkins in collaboration with the Association of American Medical Colleges.

Veronica Tom, Ph.D., postdoctoral fellow, Department of Neurobiology and Anatomy, received a grant from the Christopher Reeve Paralysis Foundation for her research entitled "Combining Modification of the Glial Scar and Stimulation of Injured Axons to Promote Functional Axonal Regeneration," in the amount of \$119,900.



Dr. Schidlow

Daniel V. Schidlow, M.D., Professor and Chair of the Department of Pediatrics, was selected for inclusion in the Best Doctors in America 2005 – 2006 database, a highly regarded resource that contains the names and professional profiles of approximately 32,000 of the best doctors in the United States. Inclusion in this database is determined by a peer-review survey of thousands of doctors throughout the country.

March

March 15-18 ***NADD International Congress VI: Visions of the Future of Our Field: Intellectual Disabilities and Mental Health***
The Fairmont Copley Plaza Hotel
Boston, Mass.
Contact: Anna Auch – 215-831-6923

April

April 4 ***Cardiac Arrhythmias***
Drexel University College of Medicine
Center City Hahnemann Campus
245 N.15th Street, Philadelphia
Contact: Denise Vernier – 215-762-8695

April 12 ***Critical Care***
Drexel University College of Medicine
Center City Hahnemann Campus
245 N.15th Street, Philadelphia
Contact: Walter Albright – 215-762-8695

April 21 ***Update in Pediatric Endocrinology***
Doubletree Guest Suites
640 West Germantown Pike
Plymouth Meeting, Pa.
Contact Kathy Rellstab – 215-427-5159

April 21-22 ***Leadership Beyond the Basics: SELAM International Spring CE Program***
Gregg Conference Center, Bryn Mawr, Pa.
Contact: Victoria Odhner – 215-842-6473

April 21-28 ***Executive Leadership in Academic Medicine (ELAM) Program for Women***
Gregg Conference Center, Bryn Mawr, Pa.
Contact: Deidra Lyngard – 215-842-6041

April 26 ***Update in Nuclear Cardiology 2006***
Hyatt Regency at Penn's Landing
Philadelphia
Contact: Cynthia Christos – 215-389-2300

May

May 6 ***Alumni Weekend – Patient Safety***
Drexel University College of Medicine
Queen Lane Campus
2900 Queen Lane, Philadelphia
Contact: Patty Comey – 215-895-0983

May 17-19 ***The 55th Annual Update in Pediatrics***
Hilton Philadelphia City Avenue
Contact: Kathy Rellstab – 215-427-5159

May 31 – June 4 ***Internal Medicine Board Review Course***
Courtyard Philadelphia Downtown
21 N. Juniper Street, Philadelphia
Contact: Walter Albright – 215-762-8695

Of Mice and Men...continued

And the fountain of youth? "Really the goal is to increase healthy life," Dr. Sell says. "In other words how can we make people age better? Could we intervene in a fairly benign way to get the benefit? You can see where it goes in that direction, but we're not quite there yet."

Contact: christian.sell@drexelmed.edu

The Methuselah Mouse Prize

A nonprofit volunteer organization, the Methuselah Foundation is dedicated to increasing awareness of "the potential for near-term science-based aging interventions using modern technologies." To this end, the foundation has raised more than \$3 million for the Methuselah Mouse Prize, given to a research team that develops the longest living mouse (*Mus musculus*). A prize is awarded each time the world record (currently 1,819 days) is broken. Eight teams are currently competing, one led by Dr. Christian Sell. There are actually two competitions, as the organizers hedged their bets: the other is for rejuvenation. Information: <http://www.mprize.org>



Dr. De Luca

Francesco De Luca, M.D., Associate Professor, College of Medicine, and Chief of the Section of Endocrinology and Diabetes, Department of Pediatrics, St. Christopher's Hospital for Children, has recently co-authored two articles, "Endocrine Regulation of the Growth Plate," which was featured in the December issue of *Hormone Research*, and "Stanniocalcin 1 Acts as a Paracrine Regulator of Growth Plate Chondrogenesis", which was featured in the February 24 issue of the *Journal of Biological Chemistry*.



Dr. Eisen

A simple blood test may detect whether heart transplant patients are rejecting their transplanted hearts and may reduce the need for invasive heart-muscle biopsies, according to the results of a multi-center study called CARGO (Cardiac Allograft Rejection Gene Expression Observational Study). **Howard Eisen, M.D.**, Professor of Medicine and Chair of Cardiology, College of Medicine, and Director, Center for Advanced Heart Failure Care at Hahnemann University Hospital, is a co-principal investigator for the study, published in the January *American Journal of Transplantation*. Doctors are able to measure a patient's chance of rejecting a heart transplant by using the new blood test, called a gene-expression test, which offers a snapshot of the molecular pathways in white blood cells that are linked to rejection of a heart transplant. Although the test has not been used immediately after transplant, when the risk of rejection is highest, and more data are required before discontinuing the routine use of endomyocardial biopsies, researchers hope it will eventually make life easier for these patients while providing a more accurate way of detecting rejection.



Simon Gabriel

Simon Gabriel, a third-year medical student at the College of Medicine, co-authored an article entitled "Impact of BMI on Clinically Significant Unsuspected Findings as Determined at Postmortem Examination" that appeared in the *American Journal of Clinical Pathology*. Mr. Gabriel presented the abstract at the Annual Conference of the American Society for Clinical Pathology in San Antonio, Texas.

Mr. Gabriel was a platform presenter at the College of Medicine's Discovery Day and received honorable mention. He also presented the abstract at Drexel University's Annual Research Day 2005 and won the Dean's Award from the College of Medicine.



Dr. Gelo

Florence D. Gelo, D. Min., Assistant Professor in the Division of Medical Humanities, Department of Community and Preventive Medicine, published "Doctors Visiting the Dying Patient: Medicine for Family Distress" in *American Journal of Hospice and Palliative Medicine*, 2006, Vol. 23.

Rev. Gelo also wrote an article entitled "Zivot Uvek Ima Smisla" (Life Always Has Meaning), which was translated from English to Serbian and was published in *Lydia i porodica*, 2005:5.

Finally, Rev. Gelo will be the keynote speaker at a conference sponsored by the Lutheran Theological Seminary at Philadelphia and the Health Ministry/Parish Nurse Task Force of the Southeastern Pennsylvania Synod of the Evangelical Lutheran Church in America on March 26, 2006. The topic of her talk will be "Planning for Life's End: Can We Talk?"



Dr. Jacobs

Marshall L. Jacobs, M.D., Chief of Cardiothoracic Surgery at St. Christopher's Hospital for Children and Professor of Cardiac Medicine and Surgery at the College of Medicine, gave a podium presentation entitled "Report of the 2005 STS Congenital Heart Surgery Practice and Manpower Survey" at the 42nd annual meeting of the Society of Thoracic Surgeons in Chicago, Ill.

The presentation showed findings of the first-ever focused investigation of workforce and manpower issues of the rapidly expanding subspecialty of cardiothoracic surgery.



Dr. Kresh

J. Yasha Kresh, Ph.D., FACC, Professor of Cardiothoracic Surgery and Research Director of Cardiovascular Biophysics, has co-edited a textbook published by Springer, entitled *Complex Systems Science in Biomedicine*. The book covers the emerging field of systems science involving the applications of physics, mathematics, engineering and computational methods and techniques to

the study of biomedicine, including nonlinear dynamics at the molecular, cellular, multi-cellular tissue, and organismic level.

Maju Mathews, M.D., Assistant Professor of Psychiatry, recently co-authored several articles that have appeared in top-notch psychiatric journals. "Pseudo hallucinations," *Primary Psychiatry* (Jan. 2006), "Acamprosate in alcohol dependence," *Psychiatry* (Nov. 2005, Issue 2), "Prognosis of schizophrenia better in non western countries," *Psychiatric Services* (Jan. 2006) and "Detection and management of malingering in a clinical setting," in *Primary Psychiatry* (Jan. 2006) were co-authored with DUCOM Resident **Biju Basil, M.D.**

Department of Neurobiology and Anatomy Presents

The following studies were presented at the Eleventh International Symposium on Neural Regeneration at Asilomar in Pacific Grove, Calif.

John Houle, Ph.D., Professor in the Department of Neurobiology and Anatomy, presented a discussion entitled "Combinatorial Treatment Strategy to Overcome Astroglial Barriers and Promote Functional Axonal Regeneration After Spinal Cord Injury."

Veronica Tom, Ph.D., postdoctoral fellow in the Department of Neurobiology and Anatomy, presented a poster entitled "Modification of the Glial Scar Following Spinal Cord Injury."

Harra Sandrow, graduate student, presented a poster entitled "Forced Exercise and Transplantation Affect Behavioral Recovery from Cervical Contusion Spinal Cord Injury."

Joseph Bonner, graduate student, presented a poster entitled "Advances in Utilizing Neural Precursors in Spinal Cord Injury."

Scott Stackhouse, Ph.D., presented a poster entitled "Limited Recovery of Reaching Kinematics in Rats after Cervical Dorsolateral Funiculotomy."



Dr. Verma

"Transcranial magnetic stimulation in psychiatric disorders," *Psychiatry* (Nov. 2005, Issue 2) was co-authored with Residents **Biju Basil, M.D.**, and **Jamal Mahmud, M.D.**, who also co-authored "Oxcarbazine induced thrombocytopenia," *Psychosomatics* (Jan. 2006) with **Dr. Mathews** and **Sunil Verma, M.D.**, Assistant Professor of Psychiatry.

Eve Mitchell, Research Assistant in the Women's Health Education Program at the College of Medicine, and a constituency of Drexel Med students presented "In Touch with Teens," an adolescent dating violence prevention program at the Akwesasne Boys and Girls Club on the St. Regis Mohawk Reservation in northern New York.

Ms. Mitchell, along with **Candace Robertson**, Women's Health Education Program Research Manager, also presented the poster "Do Informed Consent Forms Prevent Women and Minorities from Participating in Research?" at the 133rd Annual American Public Health Association Annual Exposition and Meeting.

Ken Myers, a doctoral student for Dr. Peter W. Baas, Professor in the Department of Neurobiology and Anatomy, presented a discussion entitled "Cytoplasmic Dynein Transports Short Microtubules, Aligns Long Microtubules, and Opposes Retraction of the Axon," at the American Society for Cell Biology Meeting in San Francisco on December 10-14, 2005.



Dr. Núñez

Ana Núñez, M.D., Associate Professor and Director of the Center for Excellence in Women's Health and the Women's Health Education Program at the College of Medicine, presented "Women's Health and Cultural Competency" at the Mount Sinai School of Medicine Medical Education Grand Rounds.



Dr. Templeton

Bryce Templeton, M.D., Associate Director of Medical Student Education in Psychiatry, Professor of Psychiatry, published a book review discussing *Behavioral Science in Medicine, 2nd Edition*, that appeared in the February 2006 edition of *Psychosomatics*.

Author! Author!



Photo: Martin Regusters, Leaping Lion Photography

At a book signing at Drexel University's Paul Peck Center celebrating the release of Trustee Dr. Donna Gentile O'Donnell's new book, *Provider of Last Resort*, are DUCOM Trustee and Pennsylvania Supreme Court Justice Sandra Schultz Newman; Steven G. Wigrizer, past president of the Philadelphia Trial Lawyers Association; Dr. O'Donnell; and Mickey Goldberg, attorney. Dr. O'Donnell is Managing Director, Life Sciences Portfolio, Eastern Technology Council.

Suite 11484, 1601 Cherry Street
Philadelphia, PA 19102

Bulletins:

Nobel Laureate Dr. Peter Agre to Speak

Dr. Peter Agre, Nobel Prize Laureate, will visit the College of Medicine as an honored guest and will hold two presentations for the Drexel Med community. Dr. Agre will present "Aquaporins: Discovery of Water Channels and Control of Body Water and Hydration," on March 21 at 4:30 pm. He will give another presentation at the Department of Medicine Grand Rounds on March 22 at 8:30 am, to be followed by an Open Forum and Discussion of Research Thoughts and Plans for Young DUCOM Investigators. Both presentations will take place in Geary Auditorium B, New College Building.

University-Wide Research Day April 25 – Deadline for Abstracts April 3

Faculty, students, post-docs, residents and technologists are invited to participate in Drexel University's annual Research Day at the Daskalakis Athletic Center, Main Campus, on Tuesday, April 25. The deadline for submission of abstracts is April 3. Research Day highlights research, scholarly, creative and entrepreneurial activities in categories such as "Advances in Clinical Practice," "Basic and Applied Sciences," "Emerging Technologies," and "Innovations in Education and Outreach," as well as arts and humanities topics. There are 15 cash prizes, including six undergraduate, six graduate, one post-doctoral fellow in basic research, one clinical resident/fellow and one research technician/technologist. For information, visit www.research.drexel.edu or contact Maryann, 215-895-6091 or ms39@drexel.edu.

AMA to Develop Measures of Quality

The American Medical Association (AMA) has signed a pact with Congress promising to develop more than 100 standard measures of performance focusing on diagnostic tests and treatments that are known to produce better outcomes for patients. Many doctors fear that the information could be used by the government to justify cutting their Medicare fees, but AMA leaders say that without uniform measures of quality, doctors would have dozens of disparate measures placed upon them by insurance companies, health plans, and government programs.

Calendar:

- March** *National Multiple Sclerosis Education and Awareness Month
National Colorectal Cancer Awareness Month*
- Mar 16 **Kate Hurd Mead Lecture**
Created and presented by Institute for Women's Health & Leadership
College of Physicians of Philadelphia
Contact: 215-842-7041
- Mar 16 **Match Day**
11:30 am, Auditorium A, Queen Lane Campus
Reception immediately following in the Atrium
- Mar 21-22 **Presentations by Nobel Laureate Dr. Peter Agre**
See first Bulletin at left. For more information, contact:
Allan B. Schwartz, M.D., 215-762-8695
- Mar 25 **Hepatitis B Foundation Crystal Ball**
For more information: 215-489-4900
- Mar 27 **Conversation About Women's Health:
For Men and the Women in their Lives**
5:30 pm - 7:30 pm, Philadelphia
Please call: 215-842-7041, or email iwhl@drexel.edu
- Mar 27 *National Sleep Awareness Week Begins*
- April** *National Autism Awareness Month*
- Apr 5 **Golden Apple/Stethoscope Ceremony**
5:30 pm, Auditorium A, Queen Lane Campus
- Apr 25 **Drexel University Research Day**
Daskalakis Athletic Center, Main Campus
Contact: Maryann, 215-895-6091 or email ms39@drexel.edu
or visit www.research.drexel.edu
- May** *Healthy Vision Month
Better Sleep Month*
- May 5-7 **Alumni Weekend**
Contact: Patty Comey, 1-866-373-9633, or email at pcomey@drexel.edu
- May 15 **Senior Class Formal**
7:00 pm - 12:00 pm, Horticultural Center, Philadelphia, Pa.
- May 16-18 **50th Reunion Celebration**
Contact: Patty Comey, 1-866-373-9633, or email at pcomey@drexel.edu
- May 18 **Commencement**
10:00 am (9:00 am arrival time), Academy of Music