

NEWSPAGER

June/July 2011

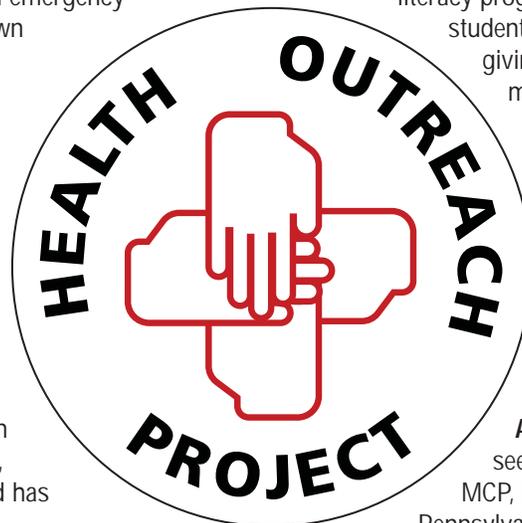
Newsletter Volume 12, No. 3

Students at the Heart of Community Care

Every week, 50 Drexel medical students take on a seemingly daunting task: ensuring that healthcare is available to people who would otherwise have little or no access. Person by person, they are making a difference. The students are part of the Health Outreach Project at Drexel University College of Medicine, which comprises four student-run clinics: the Eliza Shirley Clinic, held at an emergency shelter for women and children; the Chinatown Clinic, serving uninsured individuals facing language and cultural barriers; the Salvation Army Clinic, at an addiction recovery center; and the Streetside Clinic, which, together with Prevention Point Philadelphia, provides health services to individuals living on the street.

"On a basic level, becoming a physician is driven by one's desire to provide medical help to all. The clinics help promote this tradition, emphasizing that all individuals are deserving of healthcare, no matter if they can afford it," said Danielle Steker, class of 2013, who heads up fundraising for the project and has volunteered at the Streetside Clinic.

Each week, physicians volunteer a few hours of time in the four clinics, delivering medical care and teaching students. Students recruit and schedule volunteers, raise funds, and coordinate purchases. First- and second-year students usually have the opportunity to interview patients, perform vital signs, and present the patient to the attending physician. Third- and fourth-year students also attend and often teach clinical skills to the first- and second-year students.



Supported by a student-run board, the Health Outreach Project allows patients, medical students, community members, and health professionals to work together to address health issues in innovative ways at each clinic. For example, the Eliza Shirley Clinic now offers a weekly pediatrics clinic, a weekly adult clinic, and a literacy program, "Jump Into Reading," in which medical students read with the children one evening a week, giving the children attention and their mothers a much-needed respite. As part of a language project at the Chinatown Clinic, volunteers have translated patient information materials, forms, and questionnaires into Chinese and Indonesian. The Streetside Clinic has increased its distribution of vaccinations for hepatitis A/B, influenza, and TDaP. The Salvation Army clinic expanded a popular smoking cessation program and implemented an influenza vaccination clinic.

Alumni connect. Many of the physicians who see patients at the clinics are alumni of Drexel, MCP, Hahnemann, or Woman's Medical College of Pennsylvania. Some of them started volunteering at the clinics while they were still medical students. There is a great need for more physician involvement. Students enjoy and are grateful for their interaction with alumni in the clinics, and participating alumni say it is an excellent way to reconnect with their alma mater and give back.

Contact: Ankita Mehta, ajm366@drexel.edu

Chinatown Clinic Receives Grant

The Chinatown Clinic has received a \$29,250 grant from the Pennsylvania State Department of Public Welfare. Vincent J. Zarro, M.D., Ph.D., associate professor of medicine and medical director of the Chinatown Clinic, applied for the grant under the auspices of the Pennsylvania Independent Free Clinics Special Grant Program. The majority of the funding will be used to convert to electronic medical records at the clinic by providing all necessary equipment and supplies for accessing Allscripts.

Contact: Dr. Vincent Zarro, vzarro@drexelmed.edu





Richard V. Homan, M.D.
Senior Vice President for Health Affairs
Annenberg Dean

Spring Into Summer

As the school year ended in May, I was very pleased to meet the alumni who came to campus for the 50-Year Reunion. Their gathering culminated in Commencement Day, and it was an honor to have these graduates of our legacy schools in the stage party as we awarded diplomas to the Class of 2011. Additional alumni were on the stage to participate in

the hooding of siblings, spouses, or offspring. The hooding of graduates by family members is always special, and this year seemed especially moving and joyful.

May also brought the annual Top Doctors issue of *Philadelphia Magazine*, listing the top physicians in the region as selected by

their peers. I am proud to say that this year, 51 members of the College of Medicine faculty were named among the best in their specialties [see www.drexelmed.edu/topdocs]. Congratulations and thanks to them for the honor they bring to our institution.

As June turns into July, our most recent alumni are taking the next steps in their professional careers. Some of our newly minted Ph.D.'s are continuing their research here as postdoctoral students, and a number of our medical graduates will begin residency programs sponsored by the College or our clinical affiliates. I know they are all well prepared!

We will begin the new academic year with pride in the accomplishments of our alumni, faculty, and students, and look forward to welcoming the new first-year medical students at the White Coat Ceremony on August 5.

Dean's Office: 215-762-3500



15th Annual Golden Apple Awards

The Golden Apple Awards, given in recognition of excellence in teaching and outstanding service to the student body, were presented on Wednesday, April 6. Winners of teaching awards are selected by each class.



Front row (l-r): Drs. Massaro, Pitchumoni, Faerber, Sessler, and Harris; Ms. Hartman; Drs. Israel, Fuchs, and Hanau. Back (l-r): Drs. Dupree, Markelov, Pargament, Finstein, Freidl, Chen, Shah, and England.

GOLDEN APPLE AWARDS FOR EXCELLENCE IN TEACHING

Class of 2011

Attending Physician:

Dr. Eric Faerber, Radiology
St. Christopher's Hospital for Children

Dr. Susan Harding, Orthopedic Surgery
Hahnemann University Hospital

Dr. Jessica Israel, Medicine
Monmouth Medical Center

Resident Physician:

Dr. Mike Freidl, Orthopedic Surgery
HUH

Dr. Joe Finstein, Orthopedic Surgery
HUH

Dr. Brian Chen, Ophthalmology
HUH

Class of 2012

Attending Physician:

Dr. Robert Pargament, Medicine
York Hospital

Dr. Robert Massaro, OB/GYN
Monmouth

Dr. Capecomorin Pitchumoni, Medicine
Saint Peter's University Hospital

Resident Physician:

Dr. David Dupree, Surgery
Monmouth

Dr. Raza Shah, Ophthalmology
HUH

Dr. Alexey Markelov, Surgery
Easton Hospital

Class of 2013

Interdisciplinary Foundations of Medicine:

Dr. Cheryl Hanau
Pathology & Laboratory Medicine

Program for Integrated Learning:

Dr. James England
Pathology & Laboratory Medicine

Class of 2014

Interdisciplinary Foundations of Medicine:

Dr. David Harris
Pharmacology & Physiology

Program for Integrated Learning:

Dr. Francis Sessler
Neurobiology & Anatomy

STUDENT BODY AWARD

Golden Apple Award for Outstanding Services to the Student Body:

Dr. Amy Fuchs
Associate Dean for Student Affairs

STUDENT GOVERNMENT ASSOCIATION AWARD

Special Recognition Award for Outstanding Services to the Student Body

Marie Hartman
Director, Career Development Center

Glenn W. Laub, M.D., Named Chairman of Cardiothoracic Surgery

Glenn W. Laub, M.D., has joined the medical school as chairman of the Department of Cardiothoracic Surgery. He succeeded Andrew Wechsler, M.D., who stepped down as chair after 13 years of service and continues as a professor in the department.



Dr. Laub

Laub came to Philadelphia from the Heart Hospital at St. Francis Medical Center in Trenton, N.J., where he was director and chairman of cardiothoracic surgery. He founded the program at St. Francis, which has had outstanding clinical outcomes and was top-ranked in the April 2010 New Jersey Health Care Quality Assessment report *Cardiac Surgery in New Jersey*. He also held an appointment as clinical associate professor of surgery at Robert Wood Johnson School of Medicine. In addition, he served as courtesy staff surgeon at Robert Wood Johnson University Hospital at Hamilton, University Medical Center at Princeton, and Capital Health System in Trenton.

Laub has performed over 5,000 cardiac surgery operations and has pioneered minimally invasive and valve procedures. Throughout his career, he has invented several surgical devices to improve patient outcomes during heart surgeries. He started his own company, Defibtech, an award-winning manufacturer of lifesaving AEDs, and holds 10 patents for medical devices, including a less invasive catheter used to connect patients to a heart-lung machine, which he developed during his surgical residency. Another device he invented measures blood flow in a patient's leg.

Laub received his undergraduate degree in biochemical engineering from Yale University and his medical degree from Dartmouth Medical School. He completed his surgical residency at what is now NYU Langone Medical Center. He has served as principal investigator on more than a dozen research studies and has authored more than 120 manuscripts and abstracts. In addition, he was the founding president of the 21CCSS, an international cardiac surgery society, and has received numerous awards, including the Heart Achievement Award from the American Heart Association and the Physician's Recognition Award from the American Medical Association. He has frequently been named a "Top Doctor" by Castle Connolly Medical Ltd.

Alpha Omega Alpha Inducts New Members

This year's Alpha Omega Alpha Honor Medical Society inductees included 45 members of the Class of 2011, whose names were previously announced [*NewsPager, Nov/Dec 2010*].

Also inducted were two alumnae, Drs. Maria T. Caserta, MCP '78, and Elinor Christiansen, WMC '55; two faculty members, Drs. Eric N. Faerber, clinical professor of radiology and pediatrics (St. Christopher's Hospital for Children), and Jessica L. Israel, clinical associate professor of medicine (also division chief, Palliative Care and Pain, Monmouth Medical Center); and three house staff members, all of whom are also alumni: Drs. Eric Farabaugh '03, resident, Department of Emergency Medicine; Rebecca Heintzelman '06, fellow, Department of Pathology; and Raza Shah '08, resident, Department of Ophthalmology.

James J. Reilly, M.D., assistant professor of medicine at the College, and vice chair of the Department of Medicine at Allegheny General Hospital, was selected by the AOA Class of 2011 inductees to receive the Volunteer Clinical Faculty Award. Margaret (Meg) Fisher, M.D., professor of pediatrics at the College, who is chair of the Department of Pediatrics and medical director of The Children's Hospital at Monmouth Medical Center, gave the June F. Klinghoffer, M.D. Lecture.



Back row (l-r): Drs. Homan, Faerber, Farabaugh, and Shah, and Dr. Allan Tunkel, AOA Delta Zeta Chapter Councilor; front row (l-r): Drs. Fisher, Heintzelman, and Israel.

The Manuel Stamatakis Golf Classic – July 11

Come and enjoy a great day of golf for a great cause! The 2011 Manuel Stamatakis Golf Classic will be held on Monday, July 11, at the historic Philadelphia Cricket Club. All proceeds from the golf outing will be used to support scholarships for medical students with proven academic talent, as well as financial need, through the Manuel N. Stamatakis Medical Education Scholarship Fund at Drexel University College of Medicine. In addition to playing a beautiful course, attendees will enjoy a buffet lunch,

cocktail reception and awards dinner. For more information, please visit www.drexelmed.edu/golf, or contact our outing coordinator, **Kelly Carlucci**, at 215-255-7327 or golf@drexelmed.edu.



Medical Student Wins Research Fellowship



Ms. Kim

Sarah Kim, who just completed her second year of medical school, has been named a Sarnoff Fellow by the Sarnoff Cardiovascular Research Foundation. Only 11 fellows were selected in the national competition, which offers outstanding medical students the opportunity to conduct

intensive work in a research facility for one year. Kim's fellowship carries a grant of \$28,500. In addition, she received a \$2,500 grant from the American Medical Association Foundation's Seed Grant Research Program.

Kim will use both grants during her research year, which she will spend in Boston doing research at the Beth Israel Deaconess Medical Center. Kim will be working in a hemostasis and thrombosis lab, where she will likely be continuing the project she pursued last summer through the William J. von Liebig Vascular Surgery Research Fellowship, "Potential Novel Inhibitors of the Protein Disulfide Isomerase." These inhibitors could potentially serve as a new class of anticoagulants.



Dr. Griswold-Theodorson



Dr. Babalola



Ms. Walsh

Sharon Griswold-Theodorson, M.D., MPH, associate professor, Department of Emergency Medicine, and director of the department's simulation center, is the principal investigator for the project "Don't Get Stuck: Reducing Needlesticks Through Innovative Education," funded by a \$50,000 grant from the Independence Blue Cross Medical Education Simulation Center. Her collaborators are co-investigators **Adeniyi Babalola, M.D.**, assistant professor of medicine, and **Donna Walsh, BSN, M.S.**, EM clinical faculty; research assistant **John Erbayri, NREMT-P**, clinical education coordinator, Department of Emergency Medicine; **Jessica Parsons, M.D.**, EM resident; Jessie Chittams, director of the School of Public Health Biostatistics Service Center; and Chris Rieder of Tenet Occupational Health and Safety.



Dr. Handly

Neal Handly, M.D., assistant professor, Department of Emergency Medicine, received a one-year grant in the amount of \$50,000 for "VEUSim: Validation and Enhancement of the Simulator" funded by the Independence Blue Cross Medical Education Simulation Center. His main collaborator is Todd Doehring, Ph.D.,

assistant professor, School of Biomedical Engineering, Science & Health Systems.



Ms. McCurry

Andrea McCurry, MLAS, assistant director, University Laboratory Animal Resources, has received certification by the American Association for Laboratory Animal Science as Certified Manager Animal Resources (CMAR). A sign of professionalism in the field of animal resources, the CMAR designation involves a series of four examinations: three exams through the Institute for Certified Professional Managers, and the Animal Resources Exam offered by AALAS.



Dr. Polyak

Boris Polyak, Ph.D., assistant professor, Department of Surgery, and collaborators at Ben-Gurion University of the Negev, Israel, have received a Louis and Bessie Stein Family Fellowship for their research project "Alginate Scaffolds with Magnetically Tunable Properties for Cardiac Tissue Engineering." The fellowships support new research collaborations between Drexel and well-known Israeli institutions.



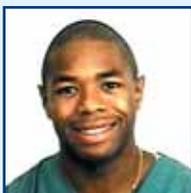
Dr. Bamford

Laura P. Bamford, M.D., MSCE, assistant professor of medicine, Division of Infectious Diseases & HIV Medicine, has received a Young Investigator's Award from Tibotec Therapeutics for her proposed study entitled "Assessment of Adherence Barriers Among HIV-infected Young African American Women."



Dr. Berkson

David Berkson, M.D., FAAFP, associate professor, Department of Family, Community & Preventive Medicine, was inducted as the Southeastern Region Representative to the Board of the Pennsylvania Academy of Family Physicians on May 13, 2011.



Dr. Corbin

Theodore Corbin, M.D., MPP, assistant professor, Department of Emergency Medicine, and medical director of the Healing Hurt People violence intervention program, has been awarded a three-year fellowship by the Stoneleigh Foundation. Corbin, who is also co-director of Drexel's Center for Nonviolence & Social Justice,

is an alumnus of MCP, class of 1997.



Dr. Vaidya

Akhil B. Vaidya, Ph.D., professor, Department of Microbiology & Immunology, and director of the Center for Molecular Parasitology, has been elected to fellowship in the American Academy of Microbiology, the honorific leadership group within the American Society for Microbiology.



Dr. Ziring



Dr. Doych

Deborah J. Ziring, M.D., assistant professor of medicine and course director for Introduction to Clinical Medicine; **Yelena Doych, M.D.**, assistant professor

and residency program director, Department of Ophthalmology; and Todd Doehring, Ph.D., assistant professor, School of Biomedical Engineering, Science & Health Systems, have won a \$50,000 grant from the Independence Blue Cross Medical Simulation Center to fund a year-long project, "Development of a Simple Digital Teaching Ophthalmoscope." Ziring is the principal investigator.

Student Named Schweitzer Fellow



Victor Cueto

The Albert Schweitzer Fellowship selected Victor Cueto, a third-year medical student, as a Greater Philadelphia Schweitzer Fellow for 2011-12. He joins approximately 260 Schweitzer Fellows from across the country in conceptualizing and carrying out service projects that address the unmet health needs of underserved individuals and communities. Cueto will focus on the health disparities associated with chronic and preventable diseases afflicting Philadelphia's Latino community by expanding the Charlas de Salud/Health Talks program, which improves health literacy and education in the Latino community through bicultural and bilingual health education presentations. Cueto co-founded the program in 2009, along with fellow student Alejandro Torres-Hernandez, as a community outreach initiative of the Drexel University College of Medicine Latino Medical Student Association.

Psychiatry Residents and Faculty Triumph at Colloquium

Department of Psychiatry residents and faculty members dominated the proceedings at the Philadelphia Psychiatric Society's Colloquium of Scholars held March 26. The Drexel/Hahnemann program had the most poster submissions among all the psychiatry residency programs in the city.

The group took home the top "Case Report" poster award and both first and third place in the "Original Research" category. In addition, the Mind Games team won the Jeopardy-style contest among all Philadelphia programs. The team members were Samson Gurmu, Arun Haridas, and Nivedita Mathur; their coach was Sunil Verma.

Posters presented:

"Kava Intoxication: Acute Movement Disorders in Patient with Kava Addiction," Liudmila Lobach, Bryan Chambliss.

First Place: "Case Report" category

Antidepressant Drugs and Risk of Abnormal Bleeding in Spine Surgery: A Case Control Study, Amirali Sayadipour (PGY-1 2011-12), Rajnish Mago, Christopher Kepler, Bryan Chambliss, Kenneth Certa, Alexander Vaccaro, Todd Albert, David Anderson.

First Place: "Original Research" category

"Cocaine and EKG Changes on an Inpatient Unit," Samson Gurmu, Arun Haridas and Don Kushon.

Third Place: "Original Research" category

"Adverse Psychiatric Events Associated with Levetiracetam: An Analysis," Nivedita Mathur, Atul Kalanuria, Sunil Verma.

"Catatonia: How Much Lorazepam Is Too Much?" Andrea Pappalardo, Renu Culas, Jack Gillean, Sunil Verma.

"Chromoblastomycosis and Depression," Hassan Majeed, Asad Javaid, Khawar Nazir, Brandon Youngman.

"EKG Changes in Asymptomatic Cocaine Users? A Cross-Sectional Study of 226 In-Patients," Samson Gurmu, Arun Haridas, Don Kushon, Sofia Martinez, Gaurav Mathur (Internal Medicine resident), Nivedita Mathur, Berhanu Gebremeskel, Carole Boylan, Michael Jobs.

"iPhoned It In: A Novel Way of Assessing Change of Mental Status in a Non-Responsive Patient Through Family Smart Phone Videos," Brandon Youngman, Muhammad Hassan Majeed, Bryan Chambliss.

"Irritable Bowel Symptoms and Tonsilloliths Resolved After Taking Lamictal for Bipolar II," Pedro Bauza, Jonathan Barton, Dimas Tirado-Morales, Bryan Chambliss.

"Managing Clozapine Side Effects: Three Case Studies," Nivedita Mathur, Liudmila Lobach, Sunil Verma, Don Kushon.

Submissions for Grants & Kudos may now be emailed directly to NewsPager@drexelmed.edu. Please be sure to include all the relevant information, including full name, title, and department for any College of Medicine or University colleagues involved. Thank you.

Presentations & Publications



Dr. Fisher

Margaret C. (Meg) Fisher, M.D., professor of pediatrics, and medical director of The Children's Hospital at Monmouth Medical Center, gave the keynote address at the "Fit Families Forum" on childhood obesity prevention, hosted by the Northern New Jersey Community Foundation at Englewood Hospital and Medical Center on April 14.



Dr. Goldsmith

Donald P. Goldsmith, M.D., professor of pediatrics, was invited to give three podium presentations at the Puerto Rico Rheumatology Association International Meeting held in San Juan March 17-20: "DIRA [Deficiency of Interleukin-1 Receptor Antagonist] Syndrome," "Inflammatory Eye Disease in Children,"

and "PFAPA [Periodic Fever, Aphthous Stomatitis, Pharyngitis, Cervical Adenitis] Syndrome." He is director of the Section of Rheumatology at St. Christopher's Hospital for Children.



Dr. Hong

Eugene Hong, M.D., associate professor and chair, Department of Family, Community & Preventive Medicine, and chief of the Division of Sports Medicine, and **Michael Duncan, M.D.**, fellow in sports medicine, presented a poster "Hip Pain and the Female College Athlete" at the American Medical Society for Sports Medicine annual meeting,

held in Salt Lake City, April 30-May 4. Hong also presented "An Update on the ACGME and Sports Medicine Fellowships." In addition, he was named chair of the program planning committee for the 2012 annual meeting in Atlanta.



Dr. Joshi



Dr. Brooks

Suresh G. Joshi, M.D., Ph.D., assistant professor, Departments of Surgery and Microbiology & Immunology; director of surgical infections research; and adjunct

to the A.J. Drexel Plasma Institute; and coauthors **Ari Brooks, M.D.**, associate professor, Department of Surgery, and director of surgical research; **Michelle Paff**, a medical student; and Drs. Gary Friedman, Gregory Fridman, Alexander Fridman, and Moogega Cooper (former doctoral student); and Adam Yost and Utku Ercan (current doctoral students) from the A.J. Drexel Plasma Institute, published "Nonthermal Dielectric-Barrier Discharge Plasma-Induced Inactivation Involves Oxidative DNA Damage and Membrane Lipid Peroxidation in *Escherichia coli*" in *Antimicrobial Agents and Chemotherapy* (Vol. 55, No. 3).

In addition, Joshi and colleagues at King Edward Memorial Hospital, University of Pune (India) published "Fulminating

Septicemia Due to Persistent Pan-Resistant Community-Acquired Metallo-Beta-Lactamase (IMP-1)-Positive *Acinetobacter baumannii*" in *Indian Journal of Pathology and Microbiology* (Vol. 54, No. 1).



Dr. Kelepouris



Dr. Sherif

Ellie Kelepouris, M.D., professor of medicine and chief of the Division of Nephrology, and **Katherine Sherif, M.D.**, associate professor of medicine, chief of clinical services

in women's health, and director of the Drexel Center for Women's Health, were among the co-authors of "Effectiveness-Based Guidelines for the Prevention of Cardiovascular Disease in Women – 2011 Update: A Guideline From the American Heart Association," published in *Circulation*, 123:1243-1262, 2011.



Ms. Lorber

Deborah R. Lorber, assistant vice president for risk management, was invited to participate in a seminar for physicians and attorneys, "Malpractice Responsibility: Yours, Mine, Ours," sponsored by Main Line Health on April 25. She was a presenter in the session "Tort System Perspectives" and a panelist for the discussion "Risk Avoidance: Myths vs. Realities."



Dr. Weingarten

Michael S. Weingarten, M.D., MBA, FACS, professor of surgery and chief of vascular surgery served as the moderator and a speaker at the session "New Methodologies for Wound Measurements" on April 17 at the Symposium on Advanced Wound Care and the Wound Healing Society annual meeting in Dallas. His talk was based on research

performed in collaboration with Elizabeth Papazoglou, Ph.D., associate professor at the Drexel University School of Biomedical Engineering, Science & Health Systems, who was a panelist.

Weingarten gave an earlier talk about that research, "Quantification of Wound Healing Using Near Infra-red Spectroscopy," on April 1 at the American Professional Wound Care Association national meeting in Philadelphia. In addition, he presented "Chronic Venous Insufficiency and Ulceration – A Surgeon's Perspective" on April 8 at the American College of Physicians annual meeting in San Diego.

Submissions for Presentations & Publications may now be emailed directly to NewsPager@drexelmed.edu. Please be sure to include all the relevant information, including full name, title, and department for any College of Medicine or University colleagues involved. Thank you.

Research: Microbicide to Prevent HIV Transmission During Breastfeeding

The World Health Organization estimated that there were 2.5 million children living with HIV worldwide at the end of 2009. The vast majority of these children, 2.3 million, live in sub-Saharan Africa, compared to less than 6,000 cases in North America and Western and Central Europe combined.

Recent statistics indicate that 200,000 new HIV infections occur each year in infants through breastfeeding. At the same time, malnutrition continues to be a factor in more than half of all infant and child deaths in sub-Saharan Africa, and exclusively breastfeeding an infant is a clear way to combat malnutrition. In countries where formula is accessible and affordable, where clean, safe drinking water is readily available, and where there is no stigma associated with bottle-feeding, preventing transmission of the virus is simple: do not breastfeed. However, all of these factors present challenges in resource-poor countries such as those in sub-Saharan Africa. So, HIV-positive mothers continue to run the risk of infecting their babies while trying to confer the nutrition and health benefits that exclusive breastfeeding provides.

Antiretroviral drugs can be used by the mother who is breastfeeding, but they are not without risk. Drug-resistance can develop in the patient, requiring frequent changes in the type of ARV administered. Additionally, the most common ARVs have not been tested for long-term use in infants.

Sandra Urdaneta-Hartmann, M.D., Ph.D., MBA (Drexel '09), research assistant professor in the Departments of Obstetrics & Gynecology and Microbiology & Immunology, and assistant director of research at the Institute for Women's Health and Leadership, is currently working on technology that could provide a solution. She and her research partners (see box below) are the first to report on the possible use of microbicides to treat HIV-infected breast milk.

The late Mary K. Howett, Ph.D., who was chair of the Department of Biology (Drexel University College of Arts & Sciences) until her death in 2008, was the innovator who first discovered the antimicrobial properties of sodium dodecyl sulfate (SDS), an ingredient in toothpaste and many other common consumer products. Urdaneta-Hartmann has continued that work, testing SDS in a laboratory setting and finding that it kills HIV in vitro with no significant change to the milk's nutritional value, nor in its ability to confer beneficial immunities to the infant.



Nipple shields can be modified to include disks of nonwoven material containing a microbicide to kill the HIV virus.

Image: Courtesy of JustMilk

Urdaneta-Hartmann is also exploring the use of a silicone nipple shield (a discreet device already widely in use to solve other breastfeeding difficulties) to prevent transmission of HIV through breast milk. She is seeking to modify the shield to include a disk of nonwoven material containing a microbicide such as SDS. As the breast milk passes through the shield, the virus would be killed, rendering the milk safe for the infant. Although it is already used for other purposes, SDS is not currently approved for use as an anti-HIV microbicide.

Work is also under way to use the nipple shield for delivery of the antiretroviral drug nevirapine to infants, as recommended by WHO for prophylaxis against transmission of HIV infection to infants who must be breastfed. Since nevirapine is already FDA approved, it is likely that this application will have a faster path to market, possibly three to five years.

The Bill and Melinda Gates Foundation, Family Health International, and the Mary DeWitt Pettit Fellowship (awarded by the Trust Fund of the Alumnae/i Association of WMC/MCP) have funded Urdaneta-Hartmann's research. She has a proposal currently under review for the Robert Wood Johnson Foundation Harold Amos Medical Faculty Development Program to support her research, and she and her colleagues hope to obtain funding to conduct the first clinical trials with the nipple shield device in Nigeria.

Contact: sandra.urdaneta@drexelmed.edu

Translational Research – An Interdisciplinary Effort

The goal of translational research is to take an innovation from a laboratory setting and translate it into a practical, tangible application or product to improve human health. It is the bench-to-bedside approach to biomedical research. Research of this nature is, by necessity, interdisciplinary. For example, a virologist may discover a microbicide but will need a biomedical engineer to find the delivery mechanism. They will consult a behavioral scientist to determine the feasibility and acceptability of the delivery method for the population in need, a clinician will lead a clinical trial, and an epidemiologist and a statistician will follow a patient population to test outcomes.

Additional research partners in this project represent the **Department of Microbiology & Immunology**: Fred C. Krebs, Ph.D., associate professor, and Brian Wigdahl, Ph.D., professor

and chair. **Obstetrics & Gynecology**: Michele Follen, M.D., Ph.D., professor, also associate vice dean for translational research, and director of research for the Institute for Women's Health and Leadership[®]; Laniece Coleman, DNP, CNM, assistant professor, also director of Drexel Nurse-Midwifery Services; Gregg Alleyne, M.D., clinical assistant professor, also chief gynecologist at the Partnership Comprehensive Care Practice. **Division of Infectious Diseases & HIV Medicine**: Erika Aaron, R.N., CRNP, MSN, director of women's services, Partnership Comprehensive Care Practice. **Drexel University School of Public Health**: Seth L. Welles, Ph.D., Sc.D., associate professor, Epidemiology & Biostatistics, and Lisa Ulmer, MSW, Sc.D., professor, Community Health & Prevention. **External collaborators**: Researchers at Family Health International, University of Cambridge, and University of Ibadan (Nigeria).



ALUMNI ASSOCIATION

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

'40s

Gloria Schrager, M.D., WMC '48 published a book, *Rebecca and Her Brothers*, a fictional account of her childhood. In 2008, she wrote another book, *The Complex Life of a Woman Doctor*. She retired in 1989 as a clinical professor of pediatrics at Columbia University College of Physicians and Surgeons.

'50s

Herbert Kean, M.D., HU '56 and his wife, the Honorable Joyce Kean, were honored by Thomas Jefferson University and Hospitals with the Award of Merit, presented at the Jefferson 2010 Awards Gala in October. He completed his residency in otolaryngology at Jefferson and served as a faculty member there for most of his career, while in private practice.

'60s

Richard Corlin, M.D., HU '65 joined the board of directors of Henry Mayo Nehall Memorial Hospital in Valencia, Calif. He is a gastroenterologist in private practice with Southern California Medical Gastroenterology Group in Santa Monica, and he is also an assistant clinical professor at the UCLA School of Medicine. He is a fellow of the American College of Physicians.

Tom Bonekemper, M.D., HU '69 received the meritorious service award from the American Baseball Coaches Association. He is retired as an internist. Bonekemper, who played college baseball at Kutztown University, is the president/acting secretary of the Atlantic College Baseball League. He is the co-author of *Health and Safety for You*, a secondary school textbook.

Anna Meadows, M.D., WMC '69 who retired from The Children's Hospital of Philadelphia in December 2010, was recognized by CHOP with a lecture in her honor and a party that celebrated her 38-year career. An international leader in the study of childhood cancer, she continues to advise a project funded by

the National Cancer Institute that surveys tens of thousands of childhood cancer survivors treated between 1970 and 1999. Her focus on the long-term health of survivors has helped children grow into healthier adults and reduced the later side effects of many treatments. She created the National Cancer Institute's Office of Cancer Survivorship and also secured seed money for what became the Livestrong Cancer Survivorship Center at Penn Medicine.

'70s



Dr. Komins

Jeffrey I. Komins, M.D., HU '70 has been appointed executive vice president, chief quality officer/chief medical officer at Catholic Health East, a multi-

institutional health system based in Newtown Square, Pa. Komins continues to provide support in his former position as chief medical officer at Mercy Health System while a search is conducted for his replacement. He is a fellow of the American College of Obstetricians and Gynecologists and serves as a member of ACOG's Patient Safety and Quality Improvement Committee.



Dr. Cosgrove

Ellen M. Cosgrove, M.D., HU '78 has been elected governor of the New Mexico Chapter of the American College of Physicians. She has been a fellow of the

ACP since 1989. She is an attending physician at the University of New Mexico General Internal Medicine Clinic, and a Regents' Professor and senior associate dean of education at the University of New Mexico.

Walter W. Hoover, M.D., HU '78 joined the Alle-Kiski Medical Center in Natrona Heights, Pa., as director of the occupational medicine program, Healthworks. He is board certified in internal and occupational medicine, and is also a certified Medical Review Officer.

Clifford H. Schilke, M.D., HU '78 has returned to Sacred Heart Hospital in Allentown, Pa., as the associate medical director of the adult psychiatric unit. He was the co-director of the adult psychiatric unit at Hampton and Lehigh Valley Hospital, and the director of the Adult Transitions Program at Lehigh Valley, while maintaining his private practice in adult and adolescent psychiatry.

Richard Warner, M.D., HU '78 was highlighted in an article, "Hilltown Heroes," that appeared in the *Shelburne Falls & West County Independent* newspaper in Shelburne Falls, Mass. In addition to his family medicine practice, Warner volunteers in the community and serves on the board of directors of Memorial Hall Theater, as a volunteer manager for Pothole Pictures films, and as a member of the Buckland Board of Health, overseeing immunizations, certifying septic systems, making food inspections, and reviewing health issues in Shelburne Falls.

Marilyn Knaub, M.D., MCP '79 joined Chester County Family Medicine and Geriatrics practice in its Oxford, Pa., location. She is board certified in family medicine.

'80s

Patricia Cornett, M.D., MCP '80 was selected by the United States Golf Association as the captain of the 2012 U.S. Curtis Cup team. The Curtis Cup is a biennial competition between female amateur teams from the United States, Great Britain and Ireland. She was a member of two previous Curtis Cup teams and has played in more than 50 USGA championships. She is a professor of medicine and serves as the associate chair for education in the Department of Medicine at the University of California, San Francisco, and associate chief of staff for education at the San Francisco VA Medical Center.

Madeline L. Long, M.D., MCP '80 received a commendation from Easttown Township, Chester County, Pa., for "an

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outstanding act of civic duty and humanity," for saving the life of a man who suffered sudden cardiac arrest at the Upper Main Line YMCA.

Jeff Dobro, M.D., MCP '81 has joined RedBrick Health as chief medical officer. He will oversee the clinical strategy and contribute to the design of the health technology company's new multi-model population health engagement platform. A board-certified rheumatologist, he continues to teach at New York University.

Michael Kropilak, M.D., HU '82 was highlighted in the "Physician Spotlight" in the *East Tennessee Medical News*. He is a general and vascular surgeon with Premier Surgical Associates in Knoxville, Tenn.

Judith Volkar, M.D., MCP '83 an obstetrician/gynecologist, joined the Center for Specialized Women's Health at the Cleveland Clinic in 2010. She previously practiced in Johnstown, Pa. She was highlighted in an article, "Dr. Volkar Brings Empathy to Healthcare for Today's Women," that appeared in the *Chagrin Valley Times*.

William F. Mills, M.D., HU '84 has earned fellowship status in the American College of Physician Executives. He is senior vice president of quality and professional affairs at Upper Allegheny Health System in Olean, N.Y.

Alice R. Coyle, M.D., HU '85 an orthopedic surgeon, joined LewisGale Hospital at Pulaski in Pulaski, Va. She specializes in general orthopedics and reconstructive shoulder surgery, and also performs joint replacement surgery.

Alexis Harvey, M.D., HU '85 a board-certified radiation oncologist, who completed her residency at Hahnemann University Hospital, was named medical director for 21st Century Oncology, a radiation oncology center. She sees patients in 21st Century Oncology's New Jersey offices in Hammonton, Woodbury, Voorhees, and Willingboro.

Gary E. Kaufman, M.D., HU '85 was listed as a leading physician in *New Hampshire* magazine's Top Doctors 2011 in the fetal care category. He is an obstetrician and gynecologist at Dartmouth-Hitchcock Nashua in Nashua, N.H.

Mary I. O'Connor, M.D., MCP '85 is president-elect of the Association of Bone and Joint Surgeons and will co-chair the 2011 national meeting on Musculoskeletal Healthcare Disparities. She is chair of the Department of Orthopedic Surgery and associate professor of orthopedics at the Mayo Clinic in Jacksonville, Fla.

Lance Warhold, M.D., HU '85 was listed in *New Hampshire* magazine's Top Doctors 2011 as a leading physician in hand surgery. He is division leader, Upper Extremity/Hands, Wrists, Elbows & Shoulders in the Orthopaedics Department of Dartmouth-Hitchcock Medical Center in Lebanon, N.H.

Timothy E. Page, M.D., HU '86 has been elected president of the medical staff at St. Elizabeth Medical Center in Utica, N.Y., for 2011. He is the director of St. Elizabeth's Emergency Department and serves on the ED Management Committee, Trauma Committee and Medical Executive Committee. Page is also on the staff at Upstate Medical University at Syracuse Emergency Department and is the medical director at Watkins Glen International Racetrack.

Demetra Vounas, M.D., MCP '86 was elected to a three-year term on the board of trustees of the Auburn Memorial Hospital in Auburn, N.Y. She has been a member of the medical staff there since 1990, when she joined the practice of Internal Medicine Associates of Auburn. She has also been the medical director of Hospice of the Finger Lakes since the mid-1990s.



Dr. Chidylo

Stephen A. Chidylo, DDS; M.D., HU '87 was appointed chairman of the In-service Committee of the American Society

of Plastic Surgeons. This committee works with the National Board of Medical Examiners to establish and implement the annual in-service examination both to plastic surgical residents and practicing plastic surgeons. He is the chief of plastic and reconstructive surgery at Jersey Shore University Medical Center in Neptune, N.J.

Kurt Kaulback, M.D., HU '88 was elected president of the medical staff at Underwood-Memorial Hospital in Woodbury, N.J. He has been affiliated with Underwood since 1992. He chairs the hospital's Critical Care and Credentials committees, and serves on the Pharmacy & Therapeutics Committee. He is board certified in internal medicine and cardiovascular disease.

Denise A. Mulvaney, M.D., HU '88 joined the staff of Main Line HealthCare and Riddle Primary Care Associates in Glen Mills, Pa. She is on staff at Riddle Hospital.

Richard Mendel, M.D., MCP '89 a neurological surgeon with Baptist Memorial Medical Group, began practicing medicine at Baptist Memorial Medical Group – Golden Triangle Spine & Neurosurgery in Columbus, Miss. He also joined the staff at Baptist Memorial Hospital – Golden Triangle.

'90s



Dr. Amin

Abha Amin, M.D., MCP '92 is the medical news contributor at a local television station, Channel 10 WTEN, an ABC affiliate in Albany, N.Y. She

provides medical news stories in an interview format every Thursday. A board-certified ophthalmologist who specializes in cataract surgery, glaucoma management, and corneal diseases of the eye, she is in private practice at the Lions Eye Institute in Albany.

Caroline V. Gatewood, M.D., MCP '92 was appointed to the board of trustees at Eastern Long Island Hospital in Greenport,

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N.Y. Gatewood held the position of assistant professor of neurology at SUNY Stony Brook for five years, before starting her solo practice in neurology on the North Fork of Long Island. She is board certified in neurology through the American Board of Psychiatry and Neurology.

Michael Addonizio, M.D., HU '93 an interventional radiologist, has joined Watson Clinic and will practice at its main Lakeland, Fla., clinic. He is certified in diagnostic radiology and in the subspecialty of vascular and interventional radiology by the American Board of Radiology.

Christopher DeLuca, M.D., HU '94 wrote the "Doctor Is In" section in the Pittsburgh-area *Mt. Lebanon Magazine*. He is the chair of emergency medicine at St. Clair Hospital in Mt. Lebanon, Pa., and he is a clinical professor of emergency medicine at the University of Pittsburgh School of Medicine. In 2010, he was named the Pennsylvania Emergency Physician of the Year by the Pennsylvania Chapter of the American College of Emergency Physicians.

Gerard C. Mosiello, M.D., HU '94 a board-certified plastic surgeon, was appointed chief of plastic surgery at University Community Hospital in Tampa, Fla. His private practice is called Tampa Palms Plastic Surgery.

Steven Mosher, M.D., HU '95 an infectious diseases specialist, has joined Southeast Georgia Health System in Brunswick, Ga. He was previously the infectious diseases medical director and chief of staff at Vibra Hospital of San Diego.



Dr. Vaughn

Andrew F. Vaughn, M.D., HU '96 Commander (OF-4), Medical Corps, U.S. Navy, is serving in

Kabul, Afghanistan, on General Petraeus' staff as the preventive medicine officer for the International Security Assistance Force.

He is pictured in an MRAP [mine resistant ambush protected vehicle] on a convoy between Bagram Airfield and Kabul.

Erik Happ, M.D., HU '97 an ophthalmologist who specializes in oculoplastic surgery, spent 10 days in Vietnam on an aid mission with AmeriNam, a medical nonprofit dedicated to bringing quality care to impoverished areas of Vietnam. He had served five years as a flight surgeon stationed in the Middle East. Happ is in private practice in Pittsburgh, Pa., and affiliated with the West Penn Allegheny Health System.

Ryan T. Bower, M.D., HU '98 was elected president of the medical and dental staff of Soldiers + Sailors Memorial Hospital in Wellsboro, Pa., for the 2011 term. In this position he is also serving as a member of the Laurel Health System board of directors. He served as chief of family practice from 2007 through 2010.

Sean Devine, M.D., HU '98 has joined Guthrie Clinic Sayre in Sayre, Pa., as a specialist in pulmonary and critical care medicine. He is board certified in critical care medicine, pulmonary medicine, internal medicine, and pediatrics. He was previously the assistant director of pulmonary medicine and the interim director of the ICU at Geisinger Wyoming Valley.

Amelia Jeyapalan, M.D., HU '98 presented a lecture, "Updates in the Prevention and Treatment of Breast Disease," at the Sandhills Regional Medical Center in Hamlet, N.C. She is a member of the Sandhills surgical staff at the Pinehurst Surgical Clinic, also in Hamlet.

Kertrisa McWhite, M.D., MCPHU '99 has been named to the medical staff of St. Anthony Hospital in Oklahoma City, Okla. She is a board-certified surgeon specializing in breast oncology.

'00s

Cynthia Lynch, M.D., MCPHU '01 joined Guthrie Cancer Center in Sayre, Pa. She is board certified in internal medicine,

hematology and oncology. She has a special interest in breast cancer, gynecological cancer, and clinical research.

Robin C. Minielly, M.D., MCPHU '01 a board-certified anesthesiologist, became director of anesthesia at Covenant Medical Center in Lubbock, Texas, in September 2010. He is a general practice anesthesiologist at NorthStar Anesthesia in Fort Worth and Arlington, Texas, with expertise in complex pediatric anesthesia and ultrasound guided regional anesthesia.

Raj S. Ambay, M.D., MCPHU '02; DDS a plastic surgeon who is a major in the U.S. Army Reserve, will be deployed to Iraq. This is his second deployment overseas. Ambay is the resident trustee of the American Medical Association board of trustees until June 2011. He is also past chair of the AMA Resident and Fellow Section Governing Council. Ambay is president of a medical device company, chief medical officer of an information technology company and a plastic surgeon at James A. Haley Veterans Hospital in Tampa, Fla. He has been awarded the Meritorious Service Medal, Global War on Terrorism Service Medal and the Warrior Citizen Award.

Robert G. Yavrouian, M.D. '04 a colon and rectal surgeon, joined the practice of colon and rectal specialist Dr. Peter Tuxen in the St. Joseph's Medical Group in Stockton, Calif.

Gabe Lewullis, M.D. '05 is a fellow in orthopedic surgery at New England Baptist Hospital in Boston. He is also working with a new foundation, Our Future Stars, that provides financial support and mentoring assistance to schools and youth programs to preserve athletic opportunities for kids. He was interviewed in the April 4th issue of *Sports Illustrated*. In 1996, he made the game winning shot at an NCAA basketball tournament as 13th-seeded Princeton knocked off the No. 4 seed and defending champion, UCLA, 43 – 41. After a year of playing with the United States Basketball League, Lewullis decided to pursue medicine instead.

Upcoming CME Programs

JULY 2011

July 13, 9 a.m. – 4:30 p.m.
***Pennsylvania Mental Health
Procedures Act: A One-Day
Training Session***

Crowne Plaza Pittsburgh
International Airport
1160 Thorn Run Road
Coraopolis, PA 15108
Contact: Anna Auch, 215-831-6923

July 20, 9 a.m. – 4:30 p.m.
***Pennsylvania Mental Health
Procedures Act: A One-Day
Training Session***

Crowne Plaza King of Prussia
260 Mall Boulevard
King of Prussia, PA 19406
Contact: Anna Auch, 215-831-6923

July 27, 9 a.m. – 4:30 p.m.
***Pennsylvania Mental Health
Procedures Act: A One-Day
Training Session***

Radisson Lackawanna Station Hotel
700 Lackawanna Avenue
Scranton, PA 18503
Contact: Anna Auch, 215-831-6923

Former Residents and Fellows

Donna L. Smith, M.D., Obstetrics & Gynecology Resident, MCP '93 has joined the SouthEast Alaska Regional Health Consortium Mt. Edgecumbe Hospital in Sitka, Alaska. Smith is an obstetrician and gynecologist.

Joan Keit, M.D., Radiation Oncology Resident, HU '94 a radiation oncologist, opened Columbus Cancer Care in Columbus, Neb. The center has the TomoTherapy machine, a CT-based platform that delivers radiation with rotating beamlets in a spiral delivery pattern. There are only two of these machines in Nebraska, and the other one is located in Keit's Midwest Radiation Oncology facility in Omaha.

Amy Aronsky, D.O., Pulmonary Care/ Critical Care Fellow, MCP '99 a fellow of the American Academy of Sleep Medicine was appointed to the office of director-at-large. Aronsky is a sleep medicine and

behavioral sleep medicine specialist who maintains a clinical practice as medical director of the Center for Sleep Disorders in Longview, Wash.

Baber Ghauri, M.D., Internal Medicine Resident '05 joined St. Mary Medical Center in Langhorne, Pa., as the chief medical officer, a newly created position. Ghauri, who earned an MBA from Drexel's LeBow College of Business in 2006, will help develop and implement computerized provider order entry. Ghauri previously served as the medical director for simulation medicine as well as a patient safety officer at Abington Memorial Hospital.

Jennifer J. Hyder, M.D., Radiation Oncology Resident '08 has joined the Cancer Care Program at Cooley Dickinson Hospital in Northampton, Mass.

Compliance Corner: Protection and Minimum Necessary Use of Information



Edward G. Longazel
Chief Compliance
& Privacy Officer

The Health Insurance Portability and Accountability Act requires that we use the minimum necessary elements of protected health information when doing our daily work. We should design databases and reports that include only the information required to accomplish administrative assignments. Minimizing the personal information included reduces the risk and cost of information breach if lost or stolen.

Use of Voltage encryption to send email is a critical step in protecting health information. It is important to note that

Voltage encryption does not encrypt the subject line of the email; therefore no protected health information should be used in the subject line. Instead, the subject line should note a topic summary, such as "Billing issue for Department of..."

The encryption of the College of Medicine's mobile phone, clinical tablet and laptop assets should be complete at this point. Desktops that are used primarily for the production of patient-related letters and reports should now be encrypted. Contact the COM-IT technical services desk (215-762-1999) to add your device to the FY 2012 clinical desktop device encryption project list. When replacing clinical desktops, be sure to request hard drive encryption on the new device configuration at the time of purchase.

Questions? Call any time to ask a compliance or privacy question.

Contact the Office of the Chief Compliance and Privacy Officer at 215-255-7819.

Confidential compliance hotlines: Call toll-free 866-936-1010 or visit www.drexelmed.edu/ComplianceHotline

Suite 11484, 1601 Cherry Street
Philadelphia, PA 19102

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Bulletins:

Photo Exhibit: Living Positively in Philadelphia

An exhibit of photographs by Dr. Laura Bamford, an assistant professor of medicine who specializes in infectious diseases and HIV medicine, will be on display in July at Studio 34, 4522



Baltimore Avenue in West Philadelphia (215-387-3434). Her photography project, Living Positively in Philadelphia, was created to raise awareness and dispel misconceptions about individuals living with HIV in Philadelphia. For more information, contact laura.bamford@drexelmed.edu

Online Brain Atlas Offers 3D Views

The Allen Institute for Brain Science has released the world's first anatomically and genomically comprehensive human brain map. Similar to a high-powered, multi-functional GPS navigation system, the Allen Human Brain Atlas identifies 1,000 anatomical sites in the human brain, backed by more than 100 million data points that indicate the particular gene expression and underlying biochemistry of each site. This free online public resource is available at www.brain-map.org

National Academies Books for Free Download

The National Academies have offered "Read for Free" options for almost all their titles since 1994. Now PDFs of reports that are currently for sale on the National Academies Press website and PDFs associated with future reports will be offered free of charge to all web visitors (a small number of reports that do not have PDF files are not available for download). Visit <http://nap.edu>

Calendar:

June	<i>Men's Health Month</i>
June 29	Student Clinician Ceremony Queen Lane Student Activity Center, 11:30 a.m. Contact: Robin Wellner, robin.wellner@drexelmed.edu
July	<i>Cord Blood Awareness Month</i>
Jul 11	Manuel Stamatakis Golf Classic Philadelphia Cricket Club www.drexelmed.edu/golf Contact: Kelly Carlucci, 215-255-7327 or golf@drexelmed.edu
August	<i>Children's Eye Health and Safety Month</i>
Aug 5	White Coat Ceremony Hilton Philadelphia City Avenue, 3 p.m. Contact: Shay Myers, 215-991-8219 or smyers@drexelmed.edu
September	<i>National Alcohol and Drug Addiction Recovery Month</i>
October	<i>National Breast Cancer Awareness Month</i>
Oct 6	Discovery 2011: Annual Research Day Queen Lane Medical Campus Contact: Angelo Milone, amilone@drexelmed.edu
Oct 22	Black Tie White Coat Ball Benefiting research into Alzheimer's disease and other memory disorders Philadelphia Marriott Downtown www.drexelmed.edu/blacktie Contact: Kelly Carlucci, 215-255-7327
Oct 27	Sex and Gender Research Forum: Sex and Gender Differences in Cognition and Neurobiology Presented by the Center for Women's Health Research of the Institute for Women's Health and Leadership www.drexelmed.edu/sgrf Contact: Shani Risien-Harvey, 215-762-1257 or srisienh@drexelmed.edu