

DREXELink

A NEWSLETTER FOR THE DREXEL UNIVERSITY COMMUNITY • VOLUME 17, NUMBER 1 • WINTER 2011

PRESIDENT'S MESSAGE

Planning and You

I have enjoyed getting to know as many students, faculty, professional staff and other Drexel constituencies as possible in my first six months as president. I've seen the initiatives you are pursuing, learned about your challenges and discovered why you value this unique and dynamic University.

During these encounters, I have paid special attention to your vision for Drexel's future. That vision will help drive the strategic planning process now underway at the University, a process that brings together a campus master plan for facilities and space, an academic plan, an enrollment plan, a capital campaign and more.

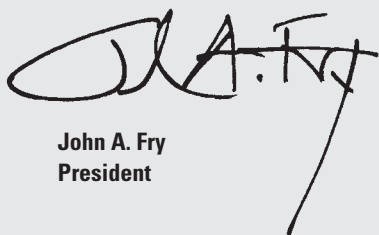
It is critical that our plans be coordinated. It is also critical that they be developed through dialogue. That is why I have joined "In the Loop..." discussions with students and held two helpful and constructive forums with Drexel faculty members and with professional staff, all geared toward a discussion of Drexel's aspirations and needs.

If you have not already become involved in the planning process, now is the time to do so. Watch for announcements of more forums and other opportunities to share your insight, and please participate. We need to know what you think Drexel can and should become.

If you missed last month's forums, webcasts of the events are archived at drexel.edu/irt/News/events/webcasts/. We will also be launching a strategic planning website in the near future that will track the work in progress and allow for feedback from the Drexel community.

This is an exciting time to be at Drexel, and I look forward to working closely with you to develop a plan that will guide Drexel's future for years to come.

Sincerely,



John A. Fry
President

Drexel Makes Major Climate Commitment

Drexel opened 2011 by making a big statement about reducing its climate impact. President John Fry signed the American College & University Presidents' Climate Commitment (ACUPCC), joining more than 600 of his peers in pledging to eliminate the University's carbon footprint and promote research and educational efforts in support of climate stabilization.

"We are proud to do our part for the environment," said Fry. "Our students, faculty, professional staff and community value the commitment we have made to establish Drexel as a leader in promoting green initiatives in pursuit of climate neutrality. Signing the climate commitment validates our determination to continue enhancing our sustainable efforts."

In a high-visibility effort to lead by example in addressing climate disruption due to global warming, ACUPCC signatories have made institutional commitments to:

- Complete a greenhouse gas emissions inventory.
- Within two years, set a target date and interim milestones for becoming climate neutral.
- Take immediate steps to reduce greenhouse gas emissions by choosing from a list of short-term actions.
- Integrate sustainability into the curriculum and make it part of the educational experience.
- Make the action plan, inventory and progress reports publicly available.

continued on page 12



Above: Sustainability highlights in the under-construction Constantine Papadakis Integrated Sciences Building include a four-story "biowall" that acts as a living air filter.

Sloan-C Award Honors Online Education at the University

The University is one of two recipients of the 2010 Sloan Consortium (Sloan-C) Award for Excellence in Institution-Wide Online Education. Drexel and fellow recipient Boston University were honored at the 16th Sloan-C International Conference on Online Learning, held in Orlando in November.

The award recognizes an institution that has designed and implemented an outstanding and comprehensive online learning curriculum. Recipients must be institutions offering multiple national online learning programs in diverse disciplines that are consistent with the scope and scale of the institution itself.

"This award brings international recognition to Drexel's faculty and staff, individuals who have been integral in leading online academic program development, designing and teaching exceptional academic offerings," Provost Mark Greenberg said.

Drexel University Online, led by president and CEO Arthur Zamkoff and academic director Dr. Kenneth Hartman, offers more than 90 online

education programs. Drexel is one of the largest providers of online education among traditional, non-profit universities.

"The competition for the institution-wide award was particularly strong this year, and the selection committee felt that Drexel University's online program was exemplary," said Burks Oakley II, chair of the Awards Selection Committee for Sloan-C and a professor at the University of Illinois at Springfield. A distinguished committee of national leaders in online education was responsible for evaluating the nominations for this year's Sloan-C awards.

Sloan-C, an institutional and professional leadership organization, is dedicated to integrating online education into the mainstream of higher education. It was originally funded by the Alfred P. Sloan Foundation in 1992, and is now a non-profit, member-sustained organization.

WHO'S DOING WHAT

Dr. Anthony W. Addison, professor of chemistry at CoAS, and colleagues presented "Supramolecular Architectures and Coordination Polymers Based on Metallocrown Complexes: Magnetic and Sorption Properties" at the American Chemical Society's National Meeting in Boston. His articles with colleagues titled "A Tetranuclear Copper(II) Bis-Thiocarbohydrazone Complex Derived from O-Aminobenzaldehyde" (*Inorganica Chimica Acta*, June 2010) and "Conversion Constants for Redox Potentials Measured versus Different Reference Electrodes in Acetonitrile Solutions at 25°C" (*Inorganica Chimica Acta*, January 2010) were highlighted in Elsevier Science Direct's "25 Hottest Articles from April to June 2010."

Dr. Denise Agosto, associate professor at ColST, attended the 2010 ASIS&T (American Association of Information Science & Technology) annual meeting in Pittsburgh, Pa., where she delivered the paper "High School Seniors' Social Network and Other ICT Use Concerns," which received the 2010 ASIS&T SIG USE Best Conference Paper Award, and served as a senior researcher and mentor for the 2010 ASIS&T Doctoral Seminar. She also attended the LRS-V (Library Research Seminar V) conference, where she delivered the paper "Youth Information Behavior as a Social Activity: High School Seniors, Social Networking, and Libraries" and moderated a research panel entitled "Youth and Libraries: Four Studies of the Information Behaviors of Today's Young People."

Suzanne Alejandre, director of professional development at The Math Forum, co-authored "Problem Solving: It Has to Begin with Noticing and Wondering" for *CMC Communicator* (December 2010), the journal of the California Mathematics Council. She and Max Ray, professional collaboration facilitator of the Math Forum, also presented "I Notice, I Wonder, I Can Think!" to introduce problem solving and mathematical communication strategies to mathematics and science teachers at the Philadelphia Math and Science Coalition's Math-Science Teacher Forum, where Ray also presented "I Noticed, I Wondered, Now What?"

Sara Ansaloni, Ph.D. candidate, and her advisor **Dr. Aleister Saunders**, professor of biology at CoAS, published the article "A streamlined sub-cloning procedure to transfer shRNA from a pSM2 vector to a pGIPZ lentiviral vector" in *Journal of RNAi and Gene Silencing* on October 27, 2010, and with coauthors **Brian Leung** and **Neeraj P. Sebastian**, undergraduate students at CoAS, **Rohini Samudralwar**, medical student, DUCOM, and **Dr. Maria Benedetto**, associate clinical professor in physical therapy and rehabilitation sciences at CNHP, earned board certification as a pediatric clinical specialist.

Dr. Walter Bien, research professor of biology at CoAS, published the article "Wildfires stunt pygmy pines' growth, yet they thrive on it" in *Atlantic City Press* (November 27, 2010).

"Engineering Leader of the Year" Award to Augustine to Highlight Engineers Week at College of Engineering



The College of Engineering will name Norman R. Augustine, retired president and CEO of Lockheed Martin, "Engineering Leader of the Year" during Drexel's 2011 National Engineers Week celebration February 21-25. Proceeds from the dinner and awards ceremony will be used to establish the Norman R. Augustine Scholarship Fund.

Augustine split the first 20 years of his engineering career between aerospace companies and government service, culminating in a stint as undersecretary of the Army at the Pentagon. He joined Martin Marietta in 1977, becoming its CEO in 1987 and chairman in 1988. He became president of the Lockheed Martin Corporation upon its formation and also served as CEO and chairman before his retirement in August 1997.

Augustine was awarded the National Medal of Technology by the U.S. Patent and Trademark Office in 1997 and is a five-time recipient of the Distinguished Service Medal, the Department of Defense's highest civilian decoration. He earned his bachelor's and master's degrees in engineering from Princeton, where he later served as a faculty member for two years. He also holds 24 honorary degrees, including one bestowed by Drexel in 2006.

For more information on Engineers Week, with events ranging from the Egg Drop competition to Introduce a Girl to Engineering day, visit www.drexel.edu/coe/engineersweek.

IWHL Names Manzano-Díaz 2011 Woman One Honoree



Sara Manzano-Díaz has been named the recipient of the 2011 Woman One award, given by the Institute for Women's Health and Leadership in the Drexel University College of Medicine. Manzano-Díaz, director of the Women's Bureau at the U.S. Department

of Labor, will be honored at a ceremony in April. Before being nominated to the Women's Bureau post by President Obama and confirmed by the Senate in 2010, Manzano-Díaz was Pennsylvania deputy secretary of state for regulatory programs, appointed by Gov. Edward G. Rendell. In this position, she was the highest-ranking Latina in Pennsylvania state government.

Manzano-Díaz was a member of the governor's STEM Initiative Team supporting the development of science, technology, engineering and

mathematics education and workforce development programs. She also participated in Madrinas, a program providing mentors for at-risk Latina girls to encourage them to finish high school and attend college.

Each year Woman One honors a woman of outstanding leadership, while raising funds for medical scholarships for talented women from underrepresented minorities at Drexel University College of Medicine. Two scholarship recipients, Nejat Merdato and Chinwe Ibeh, were selected this year, joining the ranks of nine current Woman One Scholars and six Woman One Scholars Emeritae.



Save a Very Special Date:

The Inauguration of John A. Fry, 14th President of Drexel University

April 14-15, 2011

Drexel will celebrate the beginning of the John Fry era at the new president's inauguration, April 14 and 15. Dr. Judith Rodin, president of The Rockefeller Foundation and former president of the University of Pennsylvania, will give the keynote address during a day of academic symposia, and the featured investiture speaker will be Freeman Hrabowski III, president of the University of Maryland Baltimore County. Mark your calendars for this momentous event in Drexel history! For more information, visit www.drexel.edu/inauguration.

Growing Leadership Capacity: New Senior Administrators



Helen Y. Bowman will join Drexel this spring as senior vice president for finance, treasurer and CFO, reporting to President Fry. She will be responsible for managing the financial assets of Drexel University, the Drexel University College of Medicine and

all of the University's auxiliaries, subsidiaries and related entities. She will provide strategic planning for and oversight of accounting; cash management and reporting; the operating and capital budgets; the student accounts, cashier and bursar functions; and the administration of the University's endowment and investments.

Bowman has nearly two decades of corporate and higher education financial experience, most recently as vice president for finance and treasurer at Franklin & Marshall College, where she helped the college achieve its highest financial margins in history, receive an upgrade by Standard & Poor's to a AA institution and fund historically underfunded areas such as financial aid, residential living, faculty research and development, and student programming. Previously she worked for PricewaterhouseCoopers and the Group Insurance Division of CIGNA in Philadelphia.



Brian T. Keech was appointed senior vice president and executive director for the Office of the President, overseeing all daily operations of the office. He was formerly vice president for government and community relations, where he played a vital

role in communicating Drexel's mission to elected city, state and federal officials while obtaining support for University projects.

Keech has been instrumental in securing funding from governmental agencies, including more than \$50,000,000 for academic and research programs ranging from cardiovascular studies to applied communications; in achieving government approval for projects including the closure of Race Street between 33rd and 34th Streets and the construction of numerous academic, residential and recreational facilities; and in bringing important visitors and events to campus, culminating in the Democratic Presidential Debate in October 2007.



Lori Doyle joined Drexel on February 1 as senior vice president for university communications, reporting to President Fry. She will develop and implement a long-term communications strategy to enhance Drexel's position as a

premiere comprehensive research university, working closely with colleagues from all academic and administrative offices to make sure that communications and marketing efforts are strategically coordinated across the University.

Doyle was previously vice president for university communications at Penn, where she spearheaded a new graphic identity that brought consistency and strength to the brand and brought all 12 of Penn's schools—including the Wharton School—in closer alignment. The results have been recognized as a national model for university branding. Before that, she served as vice president of external affairs for American Water Works Company, chief public affairs officer of the University of Pennsylvania Health System and general manager of the Philadelphia office of Golin Harris Communications, one of the top 10 public relations firms in the United States.



David E. Wilson was appointed vice president for government and community relations, reporting to Keech and President Fry. Wilson joined Drexel in 2004 as assistant vice president and has helped coordinate the University's efforts in Common-

wealth Affairs as well as at the federal and local levels. He has worked closely with elected officials to craft legislation and policies that support higher education, encourage research and help sustain a strong hospital and health care system.

Prior to joining Drexel, Wilson began his career as a legislative assistant for the majority leader of the Pennsylvania Senate, F. Joseph Looper. Shortly after, he became director of public affairs for Aqua America in Pennsylvania, where he managed the company's political actions on the federal, state and local levels.

WHO'S DOING WHAT

Dr. Lisa Bowleg, professor at SoPH, presented research findings that many societal structural factors shape the life of black heterosexual men, and that those factors may increase sexual HIV risk factors in that community, at the International AIDS Conference held in Vienna, Austria. She also presented research on HIV at the "Gender, Sexual Health and HIV/AIDS" session during the American Public Health Association's annual conference in Denver, Colorado in November.

Dr. Joke Bradt, associate professor, CNHP, presented "State of the Arts: Outcome Research in the Expressive Therapies" at the Expressive Arts Summit in New York, and "Music Therapy for Medical Patients: Evidence from Cochrane Reviews with Future Implications, Designing Experimental Trials and Panel: Voices and the Open Access Revolution: Culture, Ethics, & Authenticity" at the 13th Annual American Music Therapy Association Conference in Cleveland. She also performed grand rounds in "Music Therapy for Pain Management and Palliative Care" at Christiana Health Care System, Delaware.

Dr. Pia Brancaccio, associate professor of art and art history at AWC0MAD, presented the paper "Images of Astamahabhaya Avalokitesvara in Western Deccan: Buddhist patronage and trade after the 5th century CE" at the International Conference of the European Association for South Asian Archaeology, held at the University of Vienna, Austria.

Sharon Brubaker, staff in the Hagerty Library and adjunct instructor, department of English and philosophy at CoAS, presented a paper, "The Simultaneity of Beauty and Ugliness in the Work of Surrealist Leonoro Carrington," at "Fashion in Fiction: The Dark Side" at Drexel.

Dr. Igor Burstyn, associate professor at SoPH, published the articles "Dichotomization: 2X2(x2 x2...) categories infinite possibilities" in *BMC Medical Research Methodology* (June 23, 2010) and "Substance use of pregnant women and early neonatal morbidity: Where to focus intervention efforts?" in *Canada Journal of Public Health* (April 2010). He co-authored a report on "A Case-Control Study of Lung Cancer Nested in a Cohort of European Asphalt Workers" in *Environ Health Perspect* (June 9, 2010).

Dr. Sharon K. Byrne, assistant clinical professor, CNHP, presented the abstract "Home Health Parties as an Educational Outreach Strategy to Promote Breast Health Awareness: Two Years of Experience," as a poster at the National Consortium of Breast Centers (NCBC) 2010 Annual Interdisciplinary Conference held in Las Vegas, and had her top-scoring NCBC abstract accepted for publication in an upcoming issue of *American Journal of Clinical Oncology*.

The Center for Public Policy at CoAS, published its first research initiative, "Business Improvement Districts and the Evolution of Urban Governance," in a special focus issue of the *Drexel Law Review* (Volume 3, Issue 1). The Center also was selected by the Philadelphia Department of Commerce to provide capacity-building services to the city's Business Improvement Districts.

WHO'S DOING WHAT

Shuyang Chen, Ph.D. candidate in biology at CoAS, had his review article "Histone deacetylase inhibitors: the epigenetic therapeutics that repress hypoxia-inducible factors" accepted for publication in *Journal of Biomedicine and Biotechnology* (January 2011).

Dr. Lisa Chiarello, associate professor, CNHP, presented her "Move and PLAY" research findings and "Topics for Early Intervention and School-based Services" at the Norwegian Pediatric Physical Therapy Annual Conference in Oslo, Norway. She also presented a professional developmental workshop on promoting best practice for the early intervention providers in Prince Georges County, Md., and the surrounding regional area.

Dr. Mariana Chilton, associate professor at SoPH, was selected to serve on an Institute of Medicine planning committee for a conference on the relationship of hunger and obesity. She received the *Unsung Heroine Award* from *Women's Way* for her dedication to tackling hunger in the community.

Dr. Douglas Chute, professor of neuropsychology at CoAS, and **Dr. Brian Daly**, assistant professor of pediatric psychology at CoAS, will co-edit a special issue in *The Clinical Neuropsychologist* on pediatric neuropsychology.

Michael Cochran, graduate student in BIOMED, won first prize in the student poster competition at the 2010 Discovery to Commercialization NTI (Nanotechnology Institute) & ECI (Energy Commercialization Institute) Conference, presented by Ben Franklin Technology Partners of Southeastern Pennsylvania (BFTP-SEP), for the project "Halting Tumor Growth using Drug Loaded Polymer Contrast Agent."

David S. Cohen, associate professor at EMSOL, published "The Paradox of McDonald v. City of Chicago," in *Arguendo*, an online supplement to *The George Washington Law Review*.

Dr. Curtis Cummings, professor at SoPH, presented a research poster entitled "Preparing vulnerable populations for emergencies: public health emergency preparedness websites" at the American Public Health Association's annual conference in Denver.

Dr. Prudence W. Dalrymple, research and teaching professor at CoIST and director of the Institute for Healthcare Informatics, presented "From Data to Decision and Back Again" at the Bioinformatics Colloquium at the Children's Hospital of Philadelphia Center for Bioinformatics. She is a member of the *Journal of the Medical Library Association* editorial board.

Briefly Noted

Public Safety Ranked No. 4 Nationally

Security magazine ranked Drexel fourth in the nation for safety among United States colleges and universities for 2010. Drexel is one of only three Pennsylvania universities to be so ranked, joining Penn at No. 1 and Penn State at No. 16. Drexel moved up seven places over its spot in the 2009 list, and 41 over 2008.

The Department of Public Safety has initiated community-based programs to reduce property theft from vehicles, residential theft and bike safety. In addition, Drexel's Police Department participated in more than 100 in-service and external training programs in areas including active shooter training, defense tactics training and crime scene training.

iSchool Seeks High Schoolers for DU Computing Academy

The *iSchool* at Drexel, College of Information Science and Technology, will host the third annual Drexel University Computing Academy, a five-week, residential summer program providing rising high school sophomores and juniors with the opportunity to learn about computing majors and careers and gain a taste of the college experience. Participants learn from Drexel faculty, live in residence halls and explore Philadelphia together. Academy sponsors include the College of Engineering, Westphal College of Media Arts & Design and LeBow College of Business. For more information visit drexel.edu/duca.

New Seasons of Student-Produced Television

Last fall saw the premier on DUTV, Drexel University television, of new episodes of two TV shows produced by students from *Antoinette Westphal College of Media Arts & Design*. *OFF CAMPUS* follows the misadventures of five recent college graduates, with screenwriting students writing the scripts, film and video students handling all aspects of production, interior design students creating the sets, fashion students doing costumes and hair and make-up and music industry students scoring with original music. The *OFF CAMPUS* cast comprises professional actors from Philadelphia and New York.

DNEWS, a television magazine show on all things Drexel, premieres a new episode each month on DUTV.

Students pitch their ideas for segments, set up interviews, do fact finding and handle all aspects of production under the supervision of Instructor Martin Zied. Zied is at Drexel after a long career in network news including stints as a producer at ABC's *Primetime* and CBS's *48 Hours*.

American Cancer Society Award Honors Lum



Ray Lum, assistant professor in the School of Public Health, was awarded the American Cancer Society's Pennsylvania Division Citation Award for his efforts founding and leading the Society's Asian American Advisory Committee. The Asian American Advisory Committee was recognized for delivering cancer awareness messages and improving cancer patients' quality of life, for disseminating resources throughout the Asian community and for communicating data on behavior and perceptions among Asians via academic conferences and journals.

The goal of the Asian-American Advisory Committee is to address health disparities for Asians in cancer services in the region. More than 40 member organizations from the Philadelphia region meet on a quarterly basis.

Liberty Scholars Are STARS

Ten freshmen in the inaugural class of Drexel Liberty Scholars have been accepted into the Pennoni Honors College's highly competitive STAR (Students Tackling Applied Research) Program and will spend the summer doing research under the mentorship of a faculty member. They will live in University housing for 10 weeks and receive a stipend of \$4,000. The new Liberty Scholars program provides 50 low-income recent Philadelphia high school graduates with annually renewable scholarship awards covering 100 percent of Drexel tuition and fees. The Liberty Scholars accepted into STAR are Victor Khou, Piotr Jurgielewicz, Guovanna Shoukri, Sylvia Shoukri, Yekaterina Zavyazkina, Maha Elgawly, Paul Lachaud, Phuong Nguyen, Louis Luong and Robyn Freedman.

Nursing Graduates Pursue Examination Perfection

Across the broad spectrum of nursing specialties, College of Nursing and Health Professions graduates are showing their quality through outstanding performances on licensing and certification tests.

Dean Gloria Donnelly and Dr. Mary Ellen Smith Glasgow, associate dean for undergraduate programs, MSN programs and continuing nursing education, congratulated nursing grads for the following certification pass rates in 2009-10:

- Nurse Anesthesia 100%
- Family Nurse Practitioner 100%
- Acute Care Nurse Practitioner 100%
- Women's Health Nurse Practitioner 100%
- Psychiatric Mental Health Nurse Practitioner 100%
- Pediatric Nurse Practitioner 100%

The excellence extended to graduates of the College's Bachelor of Science in Nursing program, the largest in Pennsylvania, who posted a 99.08 percent pass rate on the NCLEX® (National Council Licensure Examination).



GRANTS AWARDED

HIGHLIGHTING GRANTS FROM AROUND THE UNIVERSITY

The School of Public Health received a Grants for Research Impact at Drexel (GRID) Synergy Grant for \$58,673 to examine alcohol-related violence in Philadelphia. The project, “Improving the Epidemiology of Alcohol-Related Violence and Morbidity in the City of Philadelphia Using Geospatial Analysis,” will be a collaborative study between the School of Public Health and the **iSchool, College of Information Science and Technology**, and will be run by **Dr. Loni Phillip Tabb**, professor at SoPH, and **Anthony H. Grubestic**, director of the Geographic Information Systems and Spatial Analysis Laboratory.

Dr. Stephen Gambescia, associate clinical professor and assistant dean of academic and student affairs at CNHP, and **Melissa Englund**, assistant vice president for enrollment planning and retention services, secured a \$176,000 grant from the federal Health Resources and Services Administration to promote diversity among health profession students and practitioners by providing grant awards to full-time students with financial need from disadvantaged backgrounds. The awards will be made to students meeting grant guidelines criteria in the College’s nursing, physician assistant and couple and family therapy programs.

Dr. Kirk Heilbrun, professor and head of psychology at CoAS, was awarded a \$167,000 grant by the Pennsylvania Commission on Crime and Delinquency to develop a curriculum promoting more uniform use and interpretation of the Mental Health Procedures Act in the Commonwealth.

Adrienne Juarascio, Ph.D. candidate, department of psychology at CoAS, was selected as a recipient of the 2011 Doctoral Dissertation Grant by the Society for the Advancement of Behavioral Analysis. Juarascio is co-mentored by **Dr. Evan Forman**, **Dr. James Herbert** and **Dr. Michael Lowe**.

Dr. Surya R. Kalidindi, department head and professor of mechanical engineering and mechanics and professor of materials science and engineering at CoE (PI), **Dr. Zhorro Nikolov**, associate director of the Centralized Research Facilities (co-PI), **Dr. MinJun Kim**, assistant professor of mechanical engineering and mechanics (co-PI), and **Dr. Jonathan Spanier**, associate professor of materials science and engineering at CoE (co-PI), were awarded a \$116,105 Army Research Office (ARO) Research Defense

University Research Instrumentation Program grant for “Acquisition of a Fast Raman Imaging System.” Kalidindi (PI) and **Dr. Ulrike G. K. Wegst**, Anne Stevens Assistant Professor of Materials Science and Engineering (co-PI), were awarded a three-year, \$517,230 ARO grant for “Use of Spherical Nanoindentation to Characterize the Anisotropic Properties of Microscale Constituents and Interfaces in Hierarchically Structured Composite Materials.” Kalidindi (PI) and **Dr. Roger D. Doherty**, professor emeritus of materials science and engineering (co-PI), were awarded a three-year, \$450,000 GOALI award from the National Science Foundation for “Deformation Mechanisms and Microstructure Evolution in Thermo-mechanical Processing of Mg alloys for Structural Automotive Applications.” The award is for a collaboration between Drexel and the General Motors Global R&D Center.

James Monahan, physics major, under the direction of **Dr. Charles Lane**, professor of physics at CoAS, received Sigma Xi Grant-in-Aid in the amount of \$400 for his research proposal “Cherenkov Signal Simulator for Water Detectors.” The Sigma Xi Grant-in-Aid of Research program has a highly competitive application process, and only approximately 20 percent of applicants receive any level of funding.

Dr. Maggie O’Neil, associate professor at CNHP, is Co-PI on a pilot project that is part of a large NIH R24 grant. This RRTC grant project is entitled “Improving Outcome Measurement for Medical Rehabilitation Clinical Trials.” Dr. O’Neil and her team will conduct the only pediatric rehabilitation project in this RRTC grant. Their two-year pediatric project is entitled: “Validity of Accelerometry to Measure Physical Activity Intensity for Clinical Trials in Youth with Cerebral Palsy.”

Dr. Lynn Penn, professor and department head of chemistry at CoAS, and **Dr. Patrick Loll**, professor of biochemistry and molecular biology at DUCoM, were awarded a 12-month, \$84,700 grant for their project entitled “Collaborative Analysis of Nuclear Pores: Protein Trafficking and Recognition.” The grant is funded from the DUCoM Commonwealth Universal Research Enhancement Awards 2011, Commonwealth of Pennsylvania.

WHO’S DOING WHAT

Dr. Mary Ebeling, assistant professor of sociology at CoAS, had a book chapter titled “Marketing Chimeras: The biovalue of rebranded medical devices” published in Aronczyk, M. and Powers, D. (eds.), *Blowing Up the Brand Critical Perspectives on Promotional Culture* (New York: Peter Lang Publishers). She also presented a paper titled “Translational devices and biological machines: Testing the boundaries of the nano-biological” at the annual meeting of the Society for the Social Study of Science (4S) in Tokyo, and a paper titled “Translating at the boundaries: Probing collaborations between nanobio and STS” at the bi-annual meeting of the European Society for the Study of Science and Technology (EASST) in Trento, Italy.

Manolya Eyyiyurekli, Ph.D. candidate in the Department of Computer Science at CoE, and **Dr. David Breen**, associate professor of computer science, published the paper “Interactive Free-Form Level-Set Surface-Editing Operators” in the October 2010 issue of *Computers & Graphics*.

Dr. Ellen Feld, clinical associate professor at CNHP authored the essay “A Doctor Discovers a Patient in the Mirror,” published in *The New York Times* (July 2010).

Dr. Robert Field, professor at SoPH and EMSol, gave the invited talk “Health Reform at 100: What can we learn from a century of trying” at the American Public Health Association’s annual conference in Denver. He also delivered the keynote presentation, “Reconceptualizing the Role of Regulation: How It Created and Sustains Free-Market Health Care,” at the Hamline School of Law’s “Rethinking Regulation in an Era of Reform” symposium in St. Paul, Minn.

Dr. Arthur Frank, professor and department chair at SoPH, participated in a session about asbestos and co-authored two research posters on environmental health presented at the American Public Health Association’s annual conference in Denver in November.

Dr. Andrea Forte, assistant professor at ColST, presented in a session on “Bridging disciplines among social media researchers” at the National Communication Association Annual Convention in San Francisco. She also coauthored a publication in *IEEE Computer*, “Educational Priorities for Technology-Mediated Social Participation.”

Dr. Valerie Fox, associate teaching professor, department of English and philosophy at CoAS, published a new book of poems, *The Glass Book* (Texture Press, 2010).

Nicola Francis, graduate student in BIOMED, won the Best Research Poster and Popular Poster by Student Peers awards at the BIOMED 2010 Biomedical Talent & Technology Poster Showcase, held at the Bossone Research Enterprise Center, for her poster titled “Immobilization of Chondroitinase ABC to Alginate for Glial Scar Degradation.”

WHO'S DOING WHAT

Dr. Patricia Gerrity, professor and associate dean for community programs at CNHP, received the 2010 National Nurse of the Year award from *Nursing Spectrum* magazine.

Dr. Sherry Goodill, chair of the Department of Creative Arts Therapies at CNHP, and Paul Nolan, director of music therapy programs, had their chapter, "Creative and Expressive Therapies," published in the fourth edition of *Fundamentals of Complementary and Alternative Medicine*. Nolan also presented "Creativity: Why Is It Important and How Can it Be Enhanced?" at the American Music Therapy Association Annual Conference: Celebrating 60 Years of Music Therapy in Cleveland, gave the keynote address at the Quebec Music Therapy Association annual conference and gave a full-day course at Concordia University to the music therapy graduate program and area music therapists in Montreal.

Dr. Marla J. Gold, dean of SoPH, served as chairperson of the Diversity Committee of the American Public Health Association and presided over the committee's meetings at the national organization's annual conference.

Dr. Elizabeth Gonzalez, associate professor at CNHP, presented the paper "Critical Awareness in Caregivers of Persons with Alzheimer's Disease" at the Council for Advancement of Nursing Science in Washington. She also presented "Proxy rating and Self-report on Quality of Life: Is there concordance?" at the 11th International Congress of Behavioral Medicine in Washington.

Dr. Dominic Gullo, professor in the School of Education, Goodwin College, co-authored "Joyful Learning and Assessment in Kindergarten" in *Young Children*, and co-authored the online articles "Reclaiming Kindergarten, Part I: Questions about Practice" and "Reclaiming Kindergarten, Part II: Questions about Policy" with Kim Hughes in the *Early Childhood Education Journal* in 2010. Dr. Gullo also presented "Confronting the Crisis in American Kindergartens" at the OMEP XXVI World Congress on Children in Goteborg, Sweden, and "All-Day Kindergarten: Historical Perspectives and Research" at the National Association for the Education of Young Children Annual Conference in Anaheim, Calif.

Dr. Pavel Grinfeld, assistant professor of mathematics at CoAS, published his paper "Variable Thickness Model for Fluid Films under Large Displacement" in *Phys Rev Lett*, a top journal in physics. This paper introduced the physics community to his exact nonlinear equations for the dynamics of fluid films.

Dr. Patrick Gurian, assistant professor of civil, architectural and environmental engineering at CoE, **Jingjie Teng**, civil, architectural and environmental engineering doctoral student at CoE, and **Heather Galada** and **Vinay Kumaran**, graduate students at SoPH, convened a workshop on "Assessing and Communicating Risks from Pathogens in Land Applied Biosolids" at the Residuals and Biosolids Conference in Savannah, Ga.

WHO'S DOING WHAT

Dr. Charles N. Haas, LD Betz Professor of Environmental Engineering and Head of the Department of Civil, Architectural and Environmental Engineering at CoE, gave an invited presentation on "Statistical factors to consider in establishing risk based pathogen criteria for recreational water" at the Gulf of Mexico Alliance (of the Gulf Coast Governors Association) in Sarasota, Fla.

Dr. Julia Hall, professor of sociology and coordinator of the Criminal Justice Program in the Department of Culture and Communication at CoAS, chaired the statewide meeting of the Pennsylvania Coalition for Fair Sentencing of Youth. She also took her Restorative Justice class to Graterford State Correctional Institute to visit the prison's Restorative Justice Group.

Dr. Kirk Heilbrun, professor and head of psychology at CoAS, delivered the Edwin I. Megargee Invited Address at the International Community Corrections Association Convention in Louisville, Ky. His address was titled "Diversion and the sequential intercept model: implications for community corrections."

Dr. James Herbert, professor of psychology and associate dean at CoAS, presented two papers, co-presented three papers and co-authored nine poster presentations at the meeting of the Association for Behavior and Cognitive Therapies in San Francisco. He was also a keynote speaker at a ceremony awarding four young scouts Eagle Scout status held at the Zion Baptist Church of Ardmore. And he and

Dr. Evan Forman, associate professor of psychology, recently published the book *Mindfulness and Acceptance in Cognitive Behavior Therapy*.

Dr. Thomas Hewett, professor of psychology and computer science at CoAS, presented a paper he coauthored titled "Thinking about Interaction" and participated in several group project meetings and research reviews with Ph.D. students and faculty at the 8th Design Thinking Research Symposium at the University of Technology in Sydney, Australia.

Dr. Shuyuan Mary Ho, assistant professor and program director of computing and security technology at Goodwin College, was awarded the Grace Hopper Celebration Scholarship 2010 by the Anita Borg Institute in Atlanta. Dr. Ho also co-presented "The Theory of Trustworthiness Attribution for Countering Insider Threats" at the *Journal of Association for Information Systems* Pre-ICIS Theory Development Workshop in St. Louis, Mo., and at the *Management of Information Systems Quarterly* Pre-ICIS Workshop.

Dr. Karyn Holt, assistant clinical professor of nursing at CNHP, was awarded the Susan Hasmyler Nursing award, part of the 2010 National Awards and Presidential Awards for Excellence given by Gail McGovern, CEO of the National American Red Cross.

Dr. Ani Hsieh, assistant professor in the Department of Mechanical Engineering and Mechanics at CoE, **Bill Mather**, Ph.D. candidate, and **Christopher Braun**, undergraduate researcher, received the Best Paper Award for their work entitled "Distributed Filtering for Time-Delayed Deployment to

WHO'S DOING WHAT

Multiple Sites" at the 10th International Symposium on Distributed Autonomous Robotic Systems (DARS 2010).

Timothy Jones, Ph.D. candidate in the Department of Physics at CoAS, developed an iPhone app called "Chaos Lab." With a tilt of the device, users control the parameters of beautiful mathematical objects called strange attractors, the reaction rates of a chemical oscillator, the position of two stars in a three-body chaos simulation and the shape of the Julian fractal. The app is free and can be downloaded from iTunes. Jones's work was supported by grants from the National Science Foundation, Non-linear Dynamics Research Group, directed by *Dr. Robert Gilmore*, professor of physics at CoAS, and the Department of Physics.

Dr. Dmitry Kaliuzhnyi-Verbovetskyi, assistant professor of mathematics at CoAS, gave a talk "Non-commutative Functions: Algebraic and Analytic Results" at the NSF Workshop "Control, Optimization, and Functional Analysis: Synergies and Perspectives" in honor of Professor Bill Helton at the University of California, San Diego, October 2-4, 2010.

Theodore Katerinakis, adjunct faculty at CoAS, presented "Atypical Case in Political Micro-Economy: A Social Network Analysis of Greek Cooperative Banking Ethics in Crete or How Homo Communicans Immunized Homo Economicus against Economic Crisis in Crete" at the International Initiative for Promoting Political Economy (IIPPE) Conference in London; presented "Homo Dictyous transforms Homo Economicus: Homopolar Bonds in the Mindset of Hellenic Cooperative Banking in Crete" at the EURICSE Conference on Financial Co-operative Approaches to Local Development through Sustainable Innovation in Trento; and presented "The Praxis of Greek Philotimo as Banking Ethics: a Social Networks Approach for Banking Differently in Modern Banking Cooperatives in Crete" at the 5th South East European Doctoral Student Conference at the South East European Research Center, University of Sheffield- City College International Faculty at Thessaloniki, Greece.

Dr. Susan Kilham, professor of biology at CoAS, presented an invited keynote address on "Global Climate Change" at the Metropolitan Association of College and University Biologists in Rockville Center, N.Y.

Dr. Daniel King, assistant professor of chemistry at CoAS, presented "Moving Beyond the Standard Multiple Choice Question Format" and served as a panelist at the Turning Technologies User Conference at Harvard University.

Nicole Kline, staff member in the department of English and philosophy at CoAS, published the article "The Electronic Entertainment Expo-rience" in the fall 2010 issue of *Press 1*, an online journal of literary arts and photography.

Dr. Jacqueline Kloss, professor of psychology, and **Christina Nash**, Ph.D. student in psychology at CoAS, co-presented "*The Delivery of Cognitive-Behavior Therapy for Insomnia to Underserved Populations*" at a clinical round table panel for the Association for Behavioral and Cognitive Therapies.

Celebrating a Hometown Holiday

Approximately 1,000 employees and family members gathered together in the Great Court of the Main Building in December to mark the holidays at Drexel with food, activities, music and fun. The party's theme celebrated the University's hometown of Philadelphia.



WHO'S DOING WHAT

Dr. Jennifer Kolker, assistant professor at SoPH, attended the Public Health Training Center's leadership council meeting at the American Public Health Association's annual conference in Denver.

Dr. Andres Kriete, associate professor in BIOMED, **Glenn Booker**, assistant teaching professor at CoIST, and a colleague published the paper "Rule-Based Cell Systems Model of Aging using Feedback Loop Motifs by Stress Responses" in *Public Library of Science (PLoS) Computational Biology* (June 17, 2010).

Cassandra Krivy Hirsch, adjunct assistant professor of English at CoAS, won the 2009 Novel of Promise Award from Ocean Cooperative Publishing for her novel-in-progress, *Seagoing Vessels*. **Dr. Vicki Lachman**, associate clinical professor at CNHP published "Palliative wound care: A concept analysis" in *Journal of Wound, Ostomy and Continence Nursing*, and "Orders: Nurse's role requires moral courage" in *MedSurg Nursing Journal*.

Dr. Kenneth Lacovara, associate professor of biology at CoAS, gave a talk, "Giants at the end of the world: New dinosaur discoveries from southern Patagonia, Argentina," at West Chester University.

Kent Lambert, director of radiation safety, has been selected to chair the American Board of Health Physics, which grants professional certification in the field of health physics (radiation safety).

Dr. Steve Lankenau, associate professor at SoPH, and a colleague published the article "Longitudinal trajectories of ketamine use among young injection drug users" in *International Journal of Drug Policy* (July 21, 2010). He presented "Prescription Drug Misuse and Health Risks among Young Polydrug Users" and "Evaluation of Two Overdose Prevention Programs in Los Angeles: Preliminary Findings" at the College on Problems of Drug Dependence Annual Meeting in Scottsdale, Ariz., and gave two presentations on the misuse and overdose of drugs at the American Public Health Association's annual conference in Denver.

Jeffrey E. Lee, adjunct assistant in English and philosophy at CoAS, published his poem "to tear them away" in *North American Review* (Spring 2010, vol. 295, no. 2), and was named the director/senior poetry editor of *Many Mountains Moving: a literary journal of diverse contemporary voices*.

Dr. Peter Lelkes, Calhoun Chair Professor of Cellular and Tissue Engineering in BIOMED, was awarded a Distinguished Visiting Fellowship to Imperial College by the Royal Society of Engineering. He is collaborating with **Dame Julia Polak** and **Professor Tsakis Mantalaris** on lung tissue engineering. He also participated in the First Annual World Congress of Nanomedicine in Beijing, China, where he chaired the "Regenerative Medicine and Nanostructural Scaffolds in Tissue, Cell and Organ Engineering" track and presented a keynote lecture titled "Intelligent Nanosized Biomaterials for Tissue Engineering and Regenerative Medicine."

WHO'S DOING WHAT

Dr. Longjian Liu, associate professor at SoPH, published research on his recently-completed cardiovascular disease study in *Circulation* (June 14, 2010). The research was presented at the World Congress of Cardiology, held in Beijing.

Dr. Daniel Marenda, assistant professor of biology at CoAS, presented "Development and Characterization of a *Drosophila* Alzheimer's disease model" at the International Conference on Alzheimer's Disease in Honolulu. He also published "Kismet/Chd7 regulates axon morphology, memory, and locomotion in a *Drosophila* model of CHARGE Syndrome" in *Human Molecular Genetics* (November). His work was featured on the cover of the journal.

Dr. Jan Meiers, clinical assistant professor at CNHP, **Dr. Sue Smith**, associate professor, **Elizabeth Wang-Hsu**, Ph.D. candidate, and recent DPT graduates **Britni Grenier**, **Heather Strittmatter**, **Lisa Busciacco**, and **Lisa Weiss** presented a peer-reviewed poster, "Test-Retest Reliability and Minimal Detectable Change of Determining the Index of Kyphosis: Comparison of Healthy Participants and Persons with Low Bone Mass," at the Pennsylvania Physical Therapy Association Annual Conference.

Dr. Yvonne Michael, associate professor at SoPH, published the article "Health Disparities between Women With and Without Disabilities: A Review of the Research" in the *Social Work in Public Health* journal (May 4, 2010), and co-authored research on functionality and aging presented at the American Public Health Association's annual conference in Denver. **Harriet Levin Millan**, associate teaching professor of English and co-director of the Certificate Program in Writing and Publishing in CoAS, published the poem "Swimming in a Glass" in *Harvard Review* (Fall/Winter 2009). She also won a partial-tuition scholarship from Summer Literary Seminars Unified Writing Contest and a Drexel International Travel Award to help defray the costs of attending an SLS conference in Kenya to research the settings of *Yalla!*, her novel in progress on the work of the Reunion Project, a foundation she founded with her family and students to help reunite Lost Boys of Sudan with their mothers living abroad. The first chapter of *Yalla!* appeared in the *Kenyon Review* (Winter 2010).

Dr. Kathryn Mitchell, assistant professor in physical therapy and rehabilitation sciences at CNHP, presented an overview of handheld resources for use by physical therapists at a local Clinical Education Conference, "Moving Forward with the PT CPI and Technology in the Clinic: There's an App for That?"

Dr. Kimberlee Montgomery, assistant clinical professor at CNHP, received an academic appointment in the OB/GYN department at Drexel University College of Medicine.

Drexel Team Explores Chinese University Experience

Although higher education has been integral to China's growth into a world economic power, that metamorphosis has also created new challenges for the Chinese university system. The time is ripe for a look at Chinese higher education for an English-speaking audience, and into that breach has stepped a team from Drexel.

Five educators and filmmakers with Drexel ties traveled to Beijing in December to begin work on a documentary film on higher education that will explore how the world's most populous country approaches college, and how it is grooming leaders who could have a significant impact on the world in the near future. In collaboration with China Education Television, the Drexel documentary "The Chinese University Experience" will focus on two of China's leading schools, Peking University and Tsinghua University.

"The film will establish a better understanding of higher education in China and relay this understanding to an audience of college-bound students, their parents and educators in the United States," said the film's director, Dr. Paula Marantz Cohen, a distinguished professor of English in the College of Arts and Sciences, noted author and host of *The Drexel InterView*, an education-oriented television program. "We

had exceptional access to the top universities in China and we were able to get a strong sense of what life is like for the students at these campuses," Cohen said.

China's postsecondary schools are in the midst of rapid growth and fundamental change as the government invests enormous resources into creating a world-class higher education system to support and sustain its burgeoning economy. China has more than doubled the number of its higher education institutions in the past decade from 1,022 to 2,263. More than 5 million Chinese students enroll in degree courses, compared to 1 million in 1997, according to a report in *The Guardian*.

In addition to Marantz Cohen, the Drexel team includes consultant Dr. Rebecca Clothey, associate clinical professor in the Goodwin School of Education, a China expert who spent five years there as a Fulbright scholar and speaks Mandarin; producer Philip Terranova, recently retired vice president for university relations; videographer Cory Schmitt, associate director of learning technologies in Goodwin College; and Eric Mondgock, co-producer of *The Drexel InterView*.

Five Years in a Row as CAA Blood Challenge Champions!

A record-setting effort captured another win for the Drexel community, its fifth in a row, in the ninth annual Colonial Athletic Association Blood Challenge in November. With 1,105 donors, which resulted in 1,045 productive units of blood collected, Drexel became the first participant ever to surpass 1,000 participants.

Drexel Athletics, led by the efforts of Associate Director of Athletics Dr. Rebecca Weidensaul and Drexel student-athletes, partnered with the Philadelphia Red Cross to organize the University-wide blood drive. Donors included President John Fry and Director of Athletics Eric Zillmer.

The Blood Challenge was developed by the Colonial Athletic Association presidents as a fun way to emphasize the critical importance of donating blood. Overall, the Blood Challenge involved 4,498 donors and 4,718 productive units of blood collected from the 12 CAA campuses. The total represents a 7.8 percent increase in the amount of blood collected over last year, and more than four times the amount collected during the inaugural campaign in 2002. The Blood Challenge has resulted in 26,819 productive units of blood since it began.



Left: Joining Red Cross mascot Buddy the Blood Drop are (left to right) James Tucker, senior vice president for student life and administrative services; President John Fry; Brigid O'Neill-LaGier '05; Penn-Jersey Region CEO of American Red Cross Blood Services; Dr. Eric Zillmer, Athletics Director; Dr. David Ruth, dean of students; and Dr. Rebecca Weidensaul, associate director of athletics for academic services.

WHO'S DOING WHAT

Dr. Donna Murasko, professor of biology and dean of CoAS, was the featured dean in the May/June newsletter of the Council of Colleges of Arts and Sciences.

Dr. Delia Neuman, associate professor and director of the School Library Media Program at ColST, attended the annual conference of the Association for Educational Communication and Technology (AECT) in Anaheim, Calif. She presented "Library Media Standards, 2nd edition," a report on the new standards developed by a committee convened by the National Board for Professional Teaching Standards, of which she was a member. She also served as one of the researchers on a Presidential Session panel entitled "The Exchange Between Researchers and Practitioners: A 320-Degree Panel Discussion on the Transfer of Knowledge."

Dr. Danuta Nitecki, dean of libraries, gave two presentations at the Association of Research Libraries' 2010 Assessment Conference in Baltimore, Md.: "Space as a venue for defining the academic library," which was the keynote address, and "An assessment of the Bass Library as a learning commons."

Molly O'Connor, Ph.D. candidate in chemistry at CoAS, presented "Effects of Chirality on Schiff Base Ligands and Complexes" at the American Chemical Society's National Meeting in Boston.

Dr. Margo Orlin, associate professor in physical therapy and rehabilitation sciences at CNHP, was an invited speaker at the 13th Annual Advanced Clinical Practice in Pediatric Physical Therapy held in Boise, Idaho. The Section on Pediatrics of the American Physical Therapy Association sponsored this course. Dr. Orlin spoke on "Musculoskeletal System: Development, Pathology and Intervention."

Ted Oswald, a third-year student at EMSOL who served as an official election observer in Haiti as part of his co-op placement with the Lamp for Haiti Foundation, co-authored an op-ed article that was published in the *Philadelphia Inquirer*. The article, citing widespread deficiencies in the voting process, called for an annulment of the presidential elections.

Dr. Robert Palisano, professor of physical therapy and rehabilitation sciences at CNHP, was selected for a prestigious lectureship for CSM 2011, the Combined Sections Meeting of the American Physical Therapy Association. His educational efforts have been directed at providing students and practicing therapists the skills they need to link this research to their own practice.

Dr. Alis Panzera, assistant clinical professor at CNHP, was appointed director of nursing research at Hahnemann University Hospital.

Dr. Constance Perry, associate professor in health sciences and health administration at CNHP, presented "Credentialing Ethics Consultants: Discussing a Model in Use for Nine Years," at the combined meeting of the 6th International Conference on Clinical Ethics Consultation/ 7th International Society

WHO'S DOING WHAT

for Clinical Bioethics in Portland, Ore. Dr. Perry also attended the San Diego American Society for Bioethics and Humanities meeting, at which she moderated a session on autonomy.

Dr. Joyce Pittman, associate clinical professor of education leadership and management at Goodwin College, presented "Inclusive Education, Gifted and Talented: Meeting the 21st Century" as a keynote speaker at the International Conference on Special Education.

Dr. Abioseh Porter, professor and head of the Department of English and philosophy at CoAS, was invited to serve as a peer-reviewer for the American Council of Learned Societies Fellowship Program.

Dr. Roberto Ramos, assistant professor of physics at CoAS, presented a contributed talk on "Microwave resonant activation of MgB2 thin film Josephson junctions" at the 2010 International Applied Superconductivity Conference in Washington, and an invited colloquium on "Measurement of Multiple Energy Gap Structure of MgB2 below 1 Kelvin" at the Computational Materials Science Center, George Mason University, Fairfax, Va.

Brenda Reap-Thompson, assistant clinical professor at CNHP, co-edited a book, *NCLEX-RN EXCEL: Test Success Through Unfolding Case Study Review*.

Dr. Rachel R. Reynolds, associate professor of communication at CoAS, recently co-edited a book titled *Everyday Ruptures: Children, Youth and Migration in Global Perspective* (Vanderbilt University Press).

Dr. Gordon Richards, associate professor of physics at CoAS, presented an invited talk on "Observations of AGN outflows and their contribution to feedback" at the bi-annual COSPAR (Committee on Space Research) scientific assembly held in Bremen, Germany.

Adam Rickert, associate teaching professor of mathematics at CoAS, received the "2010 Outstanding Online Instructor Award." He was honored by the Drexel community and the United States Distance Learning Association at the annual event that recognizes those individuals who have made significant contributions to the field of distance learning, held on Drexel's campus in Behrakis Grand Hall.

Dr. Donald Riggs, associate teaching professor, department of English and philosophy at CoAS, published the article "Serial Poet" in the fall 2010 issue of *Press 1*, an online journal of literary arts and photography.

Dr. Michelle Rogers, assistant professor at ColST, **Dr. Prudence Dalrymple**, research and teaching professor and director of the Institute for Healthcare Informatics, and **Dr. Lisl Zach**, assistant professor, presented a poster at the Health Literacy Annual Research Conference in Bethesda, Md. Dr. Rogers also gave a research talk at the Healthcare Informatics Colloquium hosted by the Center for Biomedical Informatics and the Department of Nursing at the Children's Hospital of Philadelphia.

Dr. Arye Rosen, Academy Professor of Biomedical and Electrical Engineering at BIOMED, and **Dr. Harel Rosen**, research associate professor,

WHO'S DOING WHAT

were co-authors of an article titled "Microwave Balloon Systems in Medicine" published in *IEEE Pulse* (September/October 2010, vol. 1, no. 2).

Jennifer Rubin, assistant dean in CoAS, and **Dr. Shannon Gary**, associate dean in Pennoni Honors College, presented, "What Happens When Honors Students Underachieve?" at the National Academic Advising Association (NACADA) annual conference in Orlando, Fla. The presentation covered factors affecting students' reluctance to ask for help, a literature review of relevant research, and ideas/suggestions for how to address this issue.

Dr. Al Rundio, associate clinical professor at CNHP, co-authored a book, *Nurse Executive Review and Resource Manual*.

Dr. Simone Schlichting-Artur, assistant teaching professor of German at CoAS, published *Learning to Listen: Pursuing Leadership Strategies for Achieving Multiculturalism in Educational Administrative Work Environments* (LAP Lambert Academic Publishing, 2010).

Dr. Lisa T. Schmidt, clinical assistant professor and associate director of behavioral health counseling at CNHP, edited (Linthicum, Md.: USPPA Publications). Within this book she also co-authored two chapters: "Persons in recovery as participants of self-help groups" and "A review of training programs for peers as employees: Core concepts and methods."

Dr. Jonathan Seitz, assistant teaching professor in the Department of History and Politics at CoAS, presented the paper "Inquiring After Witchcraft: Medicine, Science and the Supernatural in Early Modern Venice" at the Philadelphia Area Center for the History of Science Regional Colloquium.

Dr. Rami Seliktar, professor and vice director in BIOMED, and **Dr. Peter Lelkes**, Calhoun Chair Professor of Cellular and Tissue Engineering, have been elected to the College of Fellows of the American Institute for Medical and Biological Engineering (AIMBE). Two student teams received awards in the 2010 national competition sponsored by the James F. Lincoln Arc Welding Foundation. **Tushar Sethi** and **Nithya Thambi**, undergraduate students in BIOMED, **Dheeraj Roy**, B.S./M.S. student in BIOMED, and **Lonnie Snyder**, **Stephen Tran** and **U. Kei Cheang**, students in the Department of Mechanical Engineering and Mechanics in CoE, won the Silver Award (2nd place in Division IV) for their project "Biologically Inspired Robotic Microswimmers." **Gauri Khanolkar**, **Ali Sajwani**, **Drew Flast** and **Ross Shacklett**, undergraduate students in the Department of Mechanical Engineering and Mechanics, won the (Merit Award (4th place in Division IV) in the 2010 National Competition for their entry entitled "Developing a Foldable Wing Flapping Mechanism for Micro Air Vehicles."

Dr. Debra Shearer, assistant clinical professor and department chair at CNHP, was appointed chief operating nurse practitioner at the Drexel University Convenient Care Center.

WHO'S DOING WHAT

Dr. Richard Sievert, assistant clinical professor for construction management at Goodwin College, received approval in November from SAVE International for his Value Engineering 1 class to be considered as a Module 1 Workshop. This means that students who complete his course are qualified to take SAVE International's Associate Value Specialist exam, and if they pass they become Associate Value Specialists. In addition, Dr. Sievert published the article "Origins and History of Value Engineering" in the fall 2010 issue of *Value World* (SAVE International).

Dr. Sheri Silfies and **Dr. Sarah Wenger**, clinical instructors, and **Dr. Noel Goodstadt**, assistant clinical professor, CNHP, tied for the best case report award at the PPTA annual conference for their report titled "Neuromuscular Electrical Stimulation: Its Use in Treating Clinical Lumbar Instability in an Adult Female Soccer Player." Dr. Silfies, **Dr. Marco Cannella**, assistant professor, and **Scott Biely, Peemongkon Wattananon** and **Rupal Mehta**, Ph.D. students, presented four research papers at the World Congress of Low Back and Pelvic Pain in Los Angeles: "Dynamic Trunk Control in Unstable Sitting," "Improving Characterization of Trunk Muscle Postural Response to Rapid Extremity Movements," "Automatic Procedure to Remove ECG from Trunk Muscle sEMG Using Independent Component Analysis" and "Clinical Utility of Observations of Aberrant Movement during Standing Forward Bend Testing."

Susan Solecki and **Theresa Fay-Hillier**, assistant clinical professors at CNHP, presented an oral paper on "The Integration of Workplace Violence Simulation Experiences into Undergraduate Nursing Programs" at the Second International Conference on Violence in the Health Sector in Amsterdam.

Dr. Wei Sun, Albert Soffa Chair Professor of Mechanical Engineering at CoE, was elected inaugural president of the International Society for Biofabrication (ISBF) in October. He also conducted an invited keynote presentation, "Biomimetic design of load-bearing tissue scaffolds," at the International Advanced Course on Regenerative Medicine in Leiria, Portugal.

Dr. Jennifer Taylor, professor at SoPH, is the chairperson of the Injury Control and Emergency Health Services section of the American Public Health Association and directed all activities, ceremonies and events of the section at the national organization's annual conference in Denver in November. Dr. Taylor also moderated the session, "Annual Exploration of Injury and Emergency Health Data Issues," at the conference.

Dr. Deborah Turner, assistant professor at CoIST, and iSchool doctoral student **Warren Allen** will present the paper "Materiality and Oral Documents," during the iConference 2011 in Seattle, Wash.

Student Life Honored for Engaging Online Students

Drexel's Office of Student Life will be honored with two prestigious 2011 Excellence Awards from NASPA (Student Affairs Administrators in Higher Education) for its efforts to increase the engagement of students in online and blended programs with their fellow students and the University.

The Office of Student Life, led by Dr. David Ruth, dean of students, was selected as a Gold Award recipient in the category of Off-Campus, Commuter, Non-traditional, Graduate, Professional, and Related Programs. The Gold Award recipients from NASPA's 10 award categories are then judged together for grand prizes, and Drexel was named the Grand Bronze Medal recipient. This marks the first time a Grand Medal recipient has come from the category in which Drexel was honored.

The nomination of the Office of Student Life was spearheaded by Dr. Kristen Betts, senior director for eLearning in the Office of the Provost, under the title "Optimizing Technology to Increase Non-Traditional Student Engagement

and Bring Drexel Co-Curricular Programming to Students Worldwide." Betts cited a wide range of Student Life initiatives including the Online First-Year Experience program for newly matriculated graduate students, the "10 Weeks/10 Online Workshops for Student Success" series launching this spring and the webcasting for on-line students of LeBow College's Creating Excellent Organizations (CEO) Leadership seminars.

NASPA is the foremost professional association for student affairs administrators, faculty and graduate and undergraduate students. NASPA Excellence Awards recognize "the contributions of members who are transforming higher education through outstanding programs, innovative services, and effective administration." More than 200 programs were submitted for consideration from across the United States and internationally for the 2011 awards.

The 2011 NASPA Excellence Awards winners will be celebrated at the NASPA national conference, which will be held in Philadelphia in March.

Computers for Humanity Help Goodwin College Students Live Drexel's Mission of Service

Philadelphia youths struggling to get back on the educational track received a boost from students in Drexel's Goodwin College of Professional Studies, who built custom computers for the Philadelphia Youth Network's new E3 (Education, Empowerment, and Employment) initiative last fall.

Under the banner of Dr. Ashley Podhradsky's Computers for Humanity Project, the Computing and Security Technology students worked with an E3 center director to determine the center's needs and applied the knowledge they learned in Podhradsky's Computer Hardware course (CT100).

Podhradsky, an assistant professor in Goodwin College, first developed Computers for Humanity in her previous post at Dakota State University in South Dakota.

The Philadelphia Youth Network partners with youth-serving organizations to operate Philadelphia's five E3Power Centers, which offer skill-building experiences grounded in youth development theory and practices for out-of-school and other disconnected youth. The centers' service delivery structure is designed to help youth achieve long-term goals in education, occupational skills, life skills and employment.



Left: Students in the Philadelphia Youth Network's E3 program with Teresa Harris-Miller (standing, third from left), E3 center director, and Patience Ajoff-Foster (standing, far left), program assistant for Computing Security and Technology in Goodwin College.

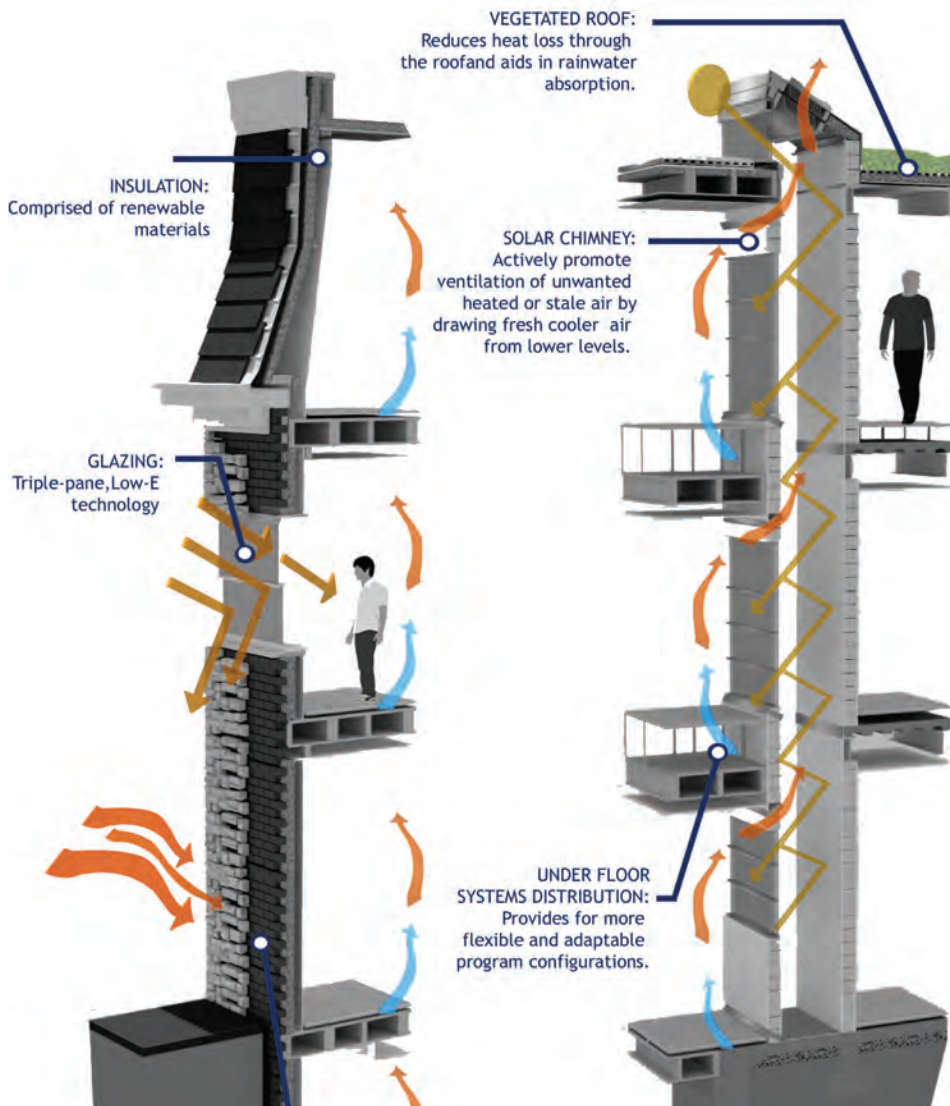
Drexel Makes Major Climate Commitment *(from front page)*

In one year alone, Drexel is also decreasing its carbon footprint from 34,990 metric tons in 2010 to 7,880 metric tons in 2011 by using 100 percent green power. The University's recent agreement with Community Energy, Inc. to purchase Renewable Energy Certificates ensures that 84,268 megawatt hours of electricity will be matched annually with wind energy entering the electricity grid in the United States.

The Drexel Green initiative, launched in 2008 to facilitate increased sustainability across University operations, has already resulted in adoption of green building standards, and implementation of programs to reduce water consumption and increase recycling. Drexel also became the first institution in the country

to deploy Viridity Energy's VPower System™, an energy monitoring system in use on the University City Main Campus.

The academic enterprise is promoting sustainability initiatives including the Drexel Engineering Cities Initiative, which pursues the creation of environmentally sustainable urban habitats that function for people and society; the Drexel Smart House, a student-led, multidisciplinary project to create an urban home as a "living laboratory" for exploring new design and technology; and the Ecology, Earth and Environmental Science Research Group, a diverse group of investigators with research ranging from mechanisms of ecological processes to applied conservation work.



Above: Wall sections show the "green" features under consideration for the Drexel Smart House, a Powelton Village home that students are turning into a lab for sustainable design and technology. (Image courtesy of Drexel Smart House.)

From the American College & University Presidents' Climate Commitment

"We, the undersigned presidents and chancellors of colleges and universities, are deeply concerned about the unprecedented scale and speed of global warming and its potential for large-scale, adverse health, social, economic and ecological effects. We recognize... the need to reduce the global emission of greenhouse gases by 80% by mid-century at the latest...

"While we understand that there might be short-term challenges associated with this effort, we believe that there will be great short-, medium-, and long-term economic, health, social and environmental benefits...

"We believe colleges and universities must exercise leadership in their communities and throughout society by modeling ways to minimize global warming emissions, and by providing the knowledge and the educated graduates to achieve climate neutrality..."

"We further believe that colleges and universities that exert leadership in addressing climate change will stabilize and reduce their long-term energy costs, attract excellent students and faculty, attract new sources of funding, and increase the support of alumni and local communities..."

For more information, visit www.presidentsclimatecommitment.org



Above: A former brownfield in Powelton Village was redeveloped into open green space as the 2.5-acre Drexel Park.



DREXELink
 Drexel University
 3141 Chestnut Street
 Philadelphia, PA 19104

drexel.edu | **LIVE IT.**

Non-Profit Org.
 U.S. Postage
 PAID
 Philadelphia, PA
 Permit # 144

Did you know?

Drexel is participating in RecycleMania, a friendly annual recycling competition among colleges and universities, through April 2. Recycling totals from across the University count, so make an extra effort to collect plastic, glass and aluminum containers, paper, cardboard and cell phones. For more info, e-mail recycle@drexel.edu



Sesame Workshop Turns to Dr. Mariana Chilton to Help Fight Hunger

Elmo is now a witness to hunger.

Sesame Workshop, the non-profit organization that produces *Sesame Street*, has a new nutrition and anti-hunger program developed with the guidance of Drexel's Dr. Mariana Chilton, whose Witnesses to Hunger project has helped raised the visibility of families suffering from hunger. Chilton's role as an advisor took her to CNN, the pages of the *Philadelphia Inquirer* and a *Good Morning America* appearance with Elmo, the *Sesame Street* star.

Sesame Workshop's "Food for Thought: Eating Well on a Budget" is a bilingual (English-Spanish) multimedia outreach designed to help support families who have children between the ages of two and eight cope with uncertain or limited access to affordable and nutritious food. According to the U.S. Department of Agriculture, 10 million children under 6 are food insecure, meaning they do not have enough food to live active and healthy lives.

Chilton is associate professor of health management and policy in the School of Public Health and principal investigator of the Philadelphia GROW Project, which helps low-income children and their families with nutrition and development. She also directs Witnesses to Hunger, in which mothers and caregivers of children living with food insecurity document the effects of hunger through photography. Participants in Witnesses to Hunger joined Chilton at the December launch of "Food for Thought."

"This feels more powerful than anything we've done," said Dr. Chilton. "With *Sesame Street* getting involved in hunger, it changes the whole nature of the conversation. Let's have Big Bird go to the food pantry. And let's have fewer women being judged because they suffer from hunger."

Drexelink

A Newsletter for the Drexel University Community

Drexelink, a University newsletter for students and their parents, faculty, staff and co-op employers, is published monthly by the Office of University Communications.

Lori Doyle, *Senior Vice President*
 Mark Eggerts, *Director of Publications*
 Alese Dickson, *Director of Graphic Design*
 Liz Trost, *Graphic Designer*

For additional Drexelink copies, call 215-895-1530. Submissions may be mailed to Drexelink, University Communications, 3141 Chestnut Street, Philadelphia, PA 19104. Available online at www.drexel.edu/univrel/drexelink/.