



DuPont crop genetics researcher Guna Gurazada with UD's Professor Blake Meyers at Delaware Biotechnology Institute (DBI), where Meyers' faculty research lab is housed.

AMBRE ALEXANDER

## Developing future leaders and colleagues

Mentoring at the graduate level has been described as guiding students from being primarily consumers of knowledge, to becoming future practitioners, scholars and collaborators in the field. These UD faculty and graduate alumni are exemplars of the process.

### Interdisciplinary research environment

Graduate students across UD engage in leading-edge research with their faculty advisers, especially in the sciences and engineering, where they may have the opportunity to join a faculty member's research lab. While furthering the group's ongoing research, they gain hands-on experience in addressing the important research questions of their chosen field.

Since 2002 when he joined UD, Professor Blake Meyers has mentored and provided research opportunities for more than 40 graduate students and postdocs who have been a part of his internationally known research in plant genomics. The Meyers lab is one of 20 multidisciplinary faculty research groups housed at the Delaware Biotechnology Institute (DBI), which provides state-of-the-art facilities for applied life science research through a partnership of government, academia and industry.

Meyers views research collaboration as one of the key learning experiences gained by graduate students working in a research group like his. "Science is as much about people as it is about knowledge," observed Meyers. "Our work is greatly enhanced by the rapid sharing of data and ideas, and establishing those interactions requires professional relationships that develop trust and even friendship."

"I see one of my roles in teaching and leading students—beyond the more obvious role of helping them develop intellectually—as helping them develop the skills to independently establish these working relationships. Those skills often lead to new projects, grants, career positions and discoveries," added Meyers, who is the Edward F. and Elizabeth Goodman Rosenberg Professor of Plant and Soil Sciences and department chair.

*(Continued on page 2)*

## Graduate student career development

Welcome to the inaugural issue of *GradImpact*, a newsletter designed to explore the University of Delaware's growing graduate enterprise and reveal its impact on local, national and global communities.

The scope of graduate education at UD has never been greater—in the past several years, faculty have developed new programs in areas including economics education, water science and policy, music education, nursing science, bioinformatics and computational science and a curatorial art history track, to name but a few.

Our graduate students work with faculty to tackle society's most demanding problems. Along the way, students hone their research skills, and some develop ideas that will seed new companies. Others focus on how to best teach the next generations of scholars. Still others prepare to inspire the world through their creative excellence in the arts, music and writing. This newsletter is one vehicle to share our collective progress.

The path through graduate school is often non-linear, with students' goals and expectations changing throughout the journey. Increasingly, doctoral students are preparing for careers outside of academia. According to a recent report from the Council of Graduate Schools, about half of new doctoral degree earners are initially employed in government, nonprofits or the private sector.

In this issue, we spotlight the exceptional faculty mentoring you'll find at UD, and the seminal role the faculty-student relationship plays in career development. We also introduce you to three graduate alums who have found success in interesting, and perhaps less common, careers.

Regardless of the career path, we want every UD graduate student to have effective skills in written and oral communication, the ability to work collaboratively in teams, and a global perspective. We are committed to developing these attributes through a variety of professional development activities. From the Graduate Forum, a campus-wide day of celebration where graduate students present their research in posters and eight-minute, oral "flash" presentations, to dissertation boot camps and global travel grants, UD students are taking a holistic approach to their career preparation.

### Charles Riordan

*Vice Provost, Graduate and Professional Education Professor, Chemistry and Biochemistry*

## Developing future colleagues

(from page 1)

As a graduate student in computer and information sciences at UD, Guna Gurazada was a research assistant and later a bioinformatics specialist in the Meyers lab, participating in the development and application of computer science algorithms and methods to address the complex data sets involved in studying plant genetics.

Now a researcher in the DuPont/Pioneer Hi-Bred crop genetics research group, Gurazada credits his time in the Meyers lab with providing the interdisciplinary background leading to his eventual specialization in bioinformatics. "DBI offers a unique ambience, bringing together researchers from varying backgrounds to work collectively toward a common research goal," said Gurazada. "One thing I love about my work is the ability to contribute to the plant research community through the application of my skills, coming from a completely different background. It is extremely gratifying."

"Guna epitomizes the interesting paths that some of our graduates have followed," said Meyers. "It's exciting to watch the achievements and impact of those who've left my lab. I suspect that most faculty members would agree that tracking the success of former students and postdocs is one of the most satisfying parts of the job, as it is one of the most direct ways to measure the impact on our students and former lab members."

### Making of a musical bridge builder

"Predestined to build bridges between music and dance"—that's how a University of Salzburg international report described Adrienne Harding in her advanced interdisciplinary studies while a Fulbright scholar there, exploring the implications of 18th-century social dance as it pertains to musical pedagogy.

Completing a master of music in flute performance at UD, Harding had also taken up ballroom dancing, eventually training, competing in and winning several national championships. "I began to synthesize my teaching and interpretive choices from both disciplines," said Harding. As she explored opportunities to study abroad, she was drawn to the Fulbright. "There was no question who I would ask first, to support me in this," said Harding.

Associate Professor Eileen Grycky has been Harding's flute instructor from the beginning. They met when Harding was a high school student in the Delaware Governor's School for Excellence flute program led each summer by Grycky, who was thrilled when Harding chose to study at UD.

Grycky teaches individual flute students at UD, as well as coaches them in repertoire class and chamber ensembles. "I affect fewer students, but the relationship I have with them, and the work I do with them, is very intensive and one-on-one," noted Grycky, who has received UD's Excellence in Teaching Award. "Like all teachers, I am passionate about my subject. But careers in music are difficult to navigate," stressed Grycky. "One has to mix talent, extraordinary hard



**Adrienne Harding**, flutist, dancer, teacher and Fulbright recipient, with **Eileen Grycky**, UD music faculty

work and confidence in one's own musical voice with the realities of finding employment in the field."

"It's very important to learn technical expertise," explained Harding. "But what I've also gained from Eileen as a teacher and mentor is an amazing capacity to be a self-thinker and to be my own person, musically. I hope I also inspire my students to use other disciplines and sources to inform their choices for creativity—dance, sports, whatever's in their life," explained Harding. "That unique 'thing' becomes your voice, and that's something no one else has."

Added Grycky, "In the music department, we value our graduate students' ability to mentor and inspire our undergraduates. I feel especially fortunate to be able to work with students like Adrienne. These exceptional students are not only gifted musicians but also eager to learn and completely committed to their art." In addition to teaching in UD's Community Music School and in the music department, Harding has served on the board of several community arts organizations.

## Advancing education leadership in Delaware

As a longtime faculty member in the School of Education and a past director, Professor Bob Hampel has been an adviser to some 48 doctoral students since 1986, receiving UD's Outstanding Doctoral Graduate Student Advising and Mentoring Award in 2009.

Noteworthy among those he's mentored are three current Delaware public school superintendents: the Brandywine School District's Mark Holodick, Caesar Rodney's Kevin Fitzgerald and Christina's Freeman Williams.

"For many of the incoming doctoral students—often school

principals and administrators—it's clear they're on a path to becoming the future leaders in Delaware education," noted Hampel. "Pursuing their graduate education is just another outgrowth of their commitment and talent."

"I think it speaks volumes that so many who Bob mentored are successful educational leaders," said Williams. "He really focused on the fact that we were active practitioners, taking advantage of our experience in the workplace and applying it in the academic world."

Hampel sees thesis advisement, especially topic selection, as one of the most crucial aspects of the mentoring process. In the Ed.D. program, dissertations take the form of an "executive position paper" exploring a significant and timely issue in education. "I think it's critical that candidates analyze not just any problem, but one that matters both for them and their peers, where their colleagues will want to know what they've learned."

Fitzgerald, Holodick and Williams all studied issues in their own school or district: in-school suspension policies and at-risk students, effectiveness of instructional strategies for high school special education students, and the "RE:Learning" school reform initiative, respectively. "It's very satisfying to work with individuals who are in a position not just to study a topic, but to do something about it," reflected Hampel, who chaired their thesis committees. "They bring a tremendous amount of firsthand experience to the conversation, and within the academic setting, they have an opportunity to reflect upon, analyze and compare those experiences with their peers and with the research."

Fitzgerald concurred, "The relationships I developed in my classes expanded my understanding of different facets of educational leadership, and the one-on-one conversations with my professors truly impacted my growth as a leader." Added Holodick, "Bob was a great facilitator in the learning process. He became and has remained a mentor to me."



**Bob Hampel**, UD School of Education faculty, with **Freeman Williams**, Christina School District superintendent



# Alumni Career Paths

While many University of Delaware graduate students take a traditional career path into academia—with outstanding success—others choose a path less traveled. Here are just three graduates who have pursued exemplary and unusual careers.

## Evelyn Maurmeyer

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*Evelyn Maurmeyer earned her Ph.D. in geology in 1978. She began her teaching career at Franklin and Marshall College, later forming the environmental consulting firm Coastal & Estuarine Research, Inc. in Lewes, Del., where she is currently involved in a variety of coastal environmental issues, including shoreline stabilization, wetland creation and restoration and permitting for boat docking facilities, marinas and dredging projects. She has served as adjunct faculty in UD's College of Earth, Ocean, and Environment since 1982, where she shares with students how geology and oceanography intersect not only with each other but with society. Maurmeyer was recently inducted into UD's Alumni Wall of Fame.*

### Touchstones of your UD experience

"First and foremost, my professors provided me with a solid academic background in all of the courses I took and exposed me to a wide range of geological environments during many field trips and oceanographic cruises. Participation in regional and national professional conferences was encouraged and greatly broadened my knowledge in the field of coastal geology. My fellow graduate students were a memorable part of my graduate experience; many have remained friends and colleagues over the years."

### UD influences on your career path

"The 1972 summer course Recent Sedimentary Environments, taught at the UD Lewes Campus by Dr. John C. (Chris) Kraft, introduced me to Delaware's beaches and marshes, and initiated a lifelong fascination with coastal environments. I am grateful for Dr. Kraft's continued guidance as an adviser and mentor."

### What you love about 'where you are now'

"I formed my environmental consulting firm, Coastal & Estuarine Research, Inc. over 30 years ago, and I still enjoy working on new and challenging projects every day. My work involves a perfect mix of field research and office time, which allows me to see projects through from beginning to end. I love my work, and I love living in Sussex County!"

## Gerald Cloud

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*Gerald Cloud was recently named head librarian of the William Andrews Clark Memorial Library at the University of California, Los Angeles (UCLA), a major library for rare books and manuscripts. He earned his Ph.D. in English from UD in 2005. Before joining UCLA, Cloud was curator for literature at Columbia University's Rare Book and Manuscript Library.*

### Touchstones of your UD experience

"Without a doubt my career was launched by the experience and training I gained while working in the University of Delaware Library Special Collections Department, where I was trained first by Tim Murray and Rebecca Johnson Melvin as an archivist and then by Senior Library Research Fellow Mark Samuels Lasner as a bibliographer and rare book specialist. The librarians encouraged me as a young scholar and provided the insights and the introductions that I would require for a career in rare book librarianship. Craig Wilson, assistant director of collections, and Vice Provost and May Morris Director of Libraries Susan Brynteson were also enthusiastic supporters from whom I learned a great deal. It is difficult to describe their generosity without seeming to exaggerate."

### UD influences on your career path

"In the English department, professors J.A. Leo Lemay and Charles Robinson encouraged me to pursue the field that interested me most, in my case librarianship, and not to settle for the presumed path of an English Ph.D. if it didn't suit me. Professors Lemay and Robinson showed me through their own scholarship and their broad knowledge of both academia and libraries that an English doctoral student has many choices upon graduation, providing the right preparation is made during graduate school. Although neither Professor Lemay nor Professor Robinson were official members of my dissertation committee, they offered invaluable mentorship and no-nonsense advice throughout my time at UD."

### What you love about 'where you are now'

"Rare book libraries are where it all comes together: literary scholars and historians, curators and librarians, and book collectors and booksellers all converge to study history, literature, science, architecture, art and the material record of human activity and knowledge. Knowing that I am contributing to the preservation of the books and manuscripts holding that knowledge is an inspiration."



KATHY ATKINSON

## Awista Ayub

*Awista Ayub is a 2009 master of public administration graduate who has been recognized by ESPN The Magazine as one of 33 women to change the way sports are played. At age 23 she founded the Afghan Youth Sports Exchange and brought eight Afghan girls to America to teach them soccer, and chronicled her experiences in her 2009 book, *However Tall the Mountain* (paperback title, *Kabul Girls Soccer Club*). Ayub currently lives in Mumbai, India, where she serves as Director of South Asia Programs for Seeds of Peace.*

### Touchstones of your UD experience

“Overall, my entire UD experience provided me with an opportunity to more deeply explore the work that I had been involved with in international development prior to enrolling. Without a doubt, my work with professors both through the School of Public Policy and Administration as well as through my graduate assistantship with the Sports Management Program where I worked with Dr. Matthew Robinson was key toward broadening my personal and professional growth while at UD.”

### UD influences on your career path

“While I had extensive firsthand experience working in the field of international development prior to enrolling in the MPA program, my graduate assistantship experience with Dr. Matthew Robinson is one that I continue to be grateful for. With Dr. Robinson, I had the opportunity to manage several large-scale international sport development projects associated with the U.S. Department of State, the United States Olympic Committee, as well as the National Basketball Association. I traveled to India in support of a UD and NBA partnership, marking my first trip to the country. I continue to be grateful for Dr. Robinson’s guidance and support prior to, during and since my time at UD.”

### What you love about ‘where you are now’

“Through my work with Seeds of Peace, I have the unique opportunity to work with bright, talented and enthusiastic youth in the region (Afghanistan, Pakistan and India) as they work toward promoting peace and mutual understanding in their respective countries. The work is both challenging and inspirational and gives me hope that a new generation of leaders has the ability to create long-lasting change not only in their own lives, but also in the lives of many others in their sphere of influence. As a city, Mumbai inspires me. Since moving here, I have come to appreciate many things in life that we often take for granted. I have also learned to give back whenever possible and to feel a greater sense of compassion for others.”

## Gerald Cloud



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## Awista Ayub



COURTESY OF UNIVERSITY OF ROCHESTER

# STAR Campus takes shape

## Research and innovation will be enhanced

Construction is under way for a health sciences building at the University's Science, Technology and Advanced Research (STAR) Campus—just the first phase of a long-term development plan for the site of the former Chrysler auto assembly plant.

UD purchased the 272-acre site in south Newark, Del., in late 2009 after Chrysler ceased manufacturing there. The acquisition of the site is the largest ever expansion of the Newark campus.

In a recent town hall meeting, the University announced a "3+1" strategy for developing the site into a campus where academics, innovation, research and partnerships will thrive.

The strategy focuses on energy and the environment, national security and defense,

as well as health and life sciences plus enabling transportation infrastructure.

With the first phase of the STAR Campus development focusing on the former Chrysler administration building, which will be utilized for health and life sciences, Kathy Matt, dean of the College of Health Sciences, said she envisions this campus as a health community for a healthy community.

"In phase one, our vision is to create an innovative and comprehensive signature campus that advances how we build a strong health care workforce and create healthy communities to meet the growing state, regional and national demand for health care professionals," Matt said. "It will be an opportunity to provide health care to the community in tandem with student learning."

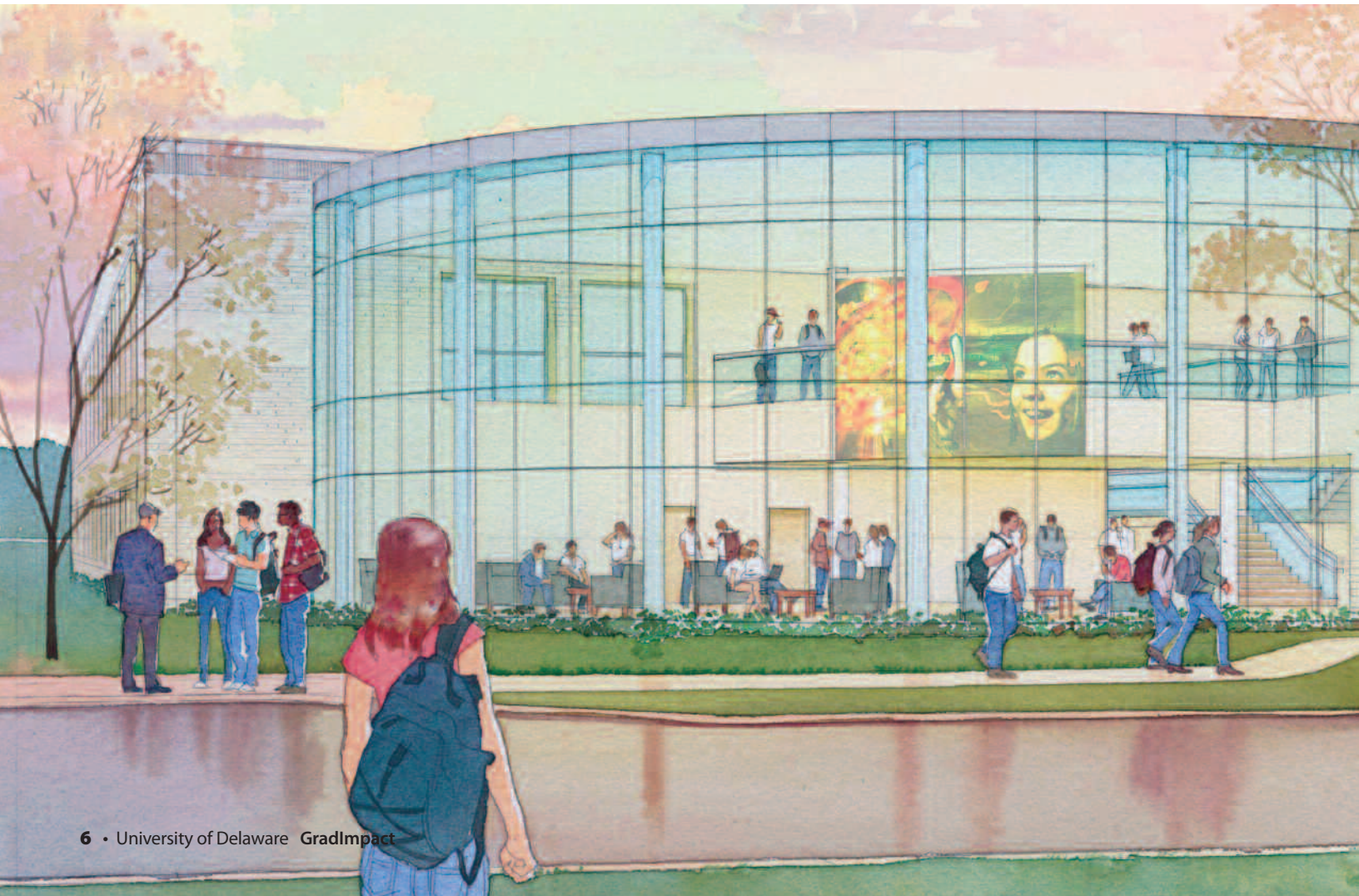


*Bloom Energy servers convert natural gas into electricity. Groundbreaking for Bloom's first East Coast manufacturing center took place in April for this first tenant of the STAR Campus.*

EVAN KRAPE

While the STAR Campus has been a construction site for the last two years, Scott Douglass, UD's executive vice president and treasurer, explained that the

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University has already hosted numerous events on the campus and forged partnerships that will have a permanent home there.

“Last fall, we announced eV2g—a joint venture with NRG to build electric cars—and in April we broke ground with Bloom Energy as it will be constructing its first East Coast manufacturing facility on the STAR Campus,” Douglass said.

Bloom Energy servers convert natural gas, biogas or liquid biofuels such as ethanol to electricity through an electrochemical reaction, rather than combustion. Bloom’s fuel cells are significantly more efficient; carbon emissions and water use are drastically reduced; and harmful air pollutants are virtually eliminated.

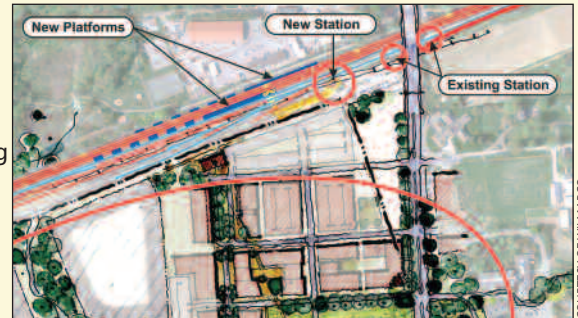
Development of the STAR Campus will start along South College Avenue and continue to move inward on the site, according to Andy Lubin, UD’s director of real estate. The timeline for phase one anticipates opening the new health sciences building in January 2014.

## ALL ABOARD.....

### Newark Train Station to be improved with \$10 million federal grant

The U.S. Department of Transportation has awarded a \$10 million TIGER IV grant to the Newark Regional Transportation Center Station Improvement Project, to be located on the University of Delaware’s Science, Technology and Advanced Research (STAR) Campus.

The award will improve the Newark Train Station into a multi-modal hub, while maintaining or even expanding the operations in the adjacent freight rail yard, and will serve as a transit-oriented development catalyst for UD’s STAR Campus. The new station



will improve passenger safety with grade-separated access to the new platform, will advance Americans with Disabilities compliance and will allow for new SEPTA (Southeastern Pennsylvania Transit Authority)/DART (Delaware Area Rapid Transit) ticket windows and vending machines.

The completion of this project could facilitate future Amtrak and passenger train service (including to southern Delaware areas that are not currently served) and allow expanded commuter rail service for both Maryland and southeastern Pennsylvania while maintaining existing freight operations.

The Newark station was selected for funding by the U.S. Department of Transportation in a competitive evaluation process that took into account the potential for the project to improve mobility, boost economic growth and reduce environmental impacts.

WILMAPCO (Wilmington Area Planning Council), the lead sponsor of the project, requested a \$10 million grant as part of the \$26 million project to construct the redesigned station. The project is also funded by the state of Delaware, University of Delaware, city of Newark and New Castle County. A second phase of this project, which will further improve both freight and passenger travel, is currently proposed, and officials are working to identify public and private funding sources.

“This project will help put us on a faster track for economic growth while protecting and improving our quality of life. It will connect us to other cities in the region and further positions Delaware as an ideal place to live and to do business,” said Delaware Gov. Jack Markell in a statement. “From our federal delegation to our engaged local officials, and from county to campus leaders, so many people came together to make the case for these improvements.”

“This funding will enable and enhance the infrastructure progress of the STAR Campus, strengthening the connection of Newark to cities along the East Coast and creating jobs and economic development opportunities for the state and region,” said UD President Patrick Harker.



# Career preparation

The University of Delaware offers many career preparation resources for its graduate students. We feature just a few of them here.

## Dissertation Boot Camp

### Writing time, motivation and support

Many doctoral students would agree that the writing process can be a hurdle to finishing their degrees.

The University of Delaware Office of Graduate and Professional Education and the Writing Center have joined forces to offer "Dissertation Boot Camps" to UD doctoral students during the summer and winter terms.

These intensive, two-week workshops are designed to aid doctoral students who are writing their dissertation or who have found their writing progress stalled. Participants spend the majority of their time writing; however, the workshop also includes discussions on topics of common interest to dissertation students, such as motivation, goal setting, time management,



KATHY ATKINSON

and the writing habits of successful and prolific academic writers.

Boot camp faculty provide time, space and professional tutorial support to help students progress on their projects.

Michael McCamley, assistant professor of English, provides leadership for the Dissertation Boot Camp program. "We often hear from former boot campers who have just defended their dissertations or

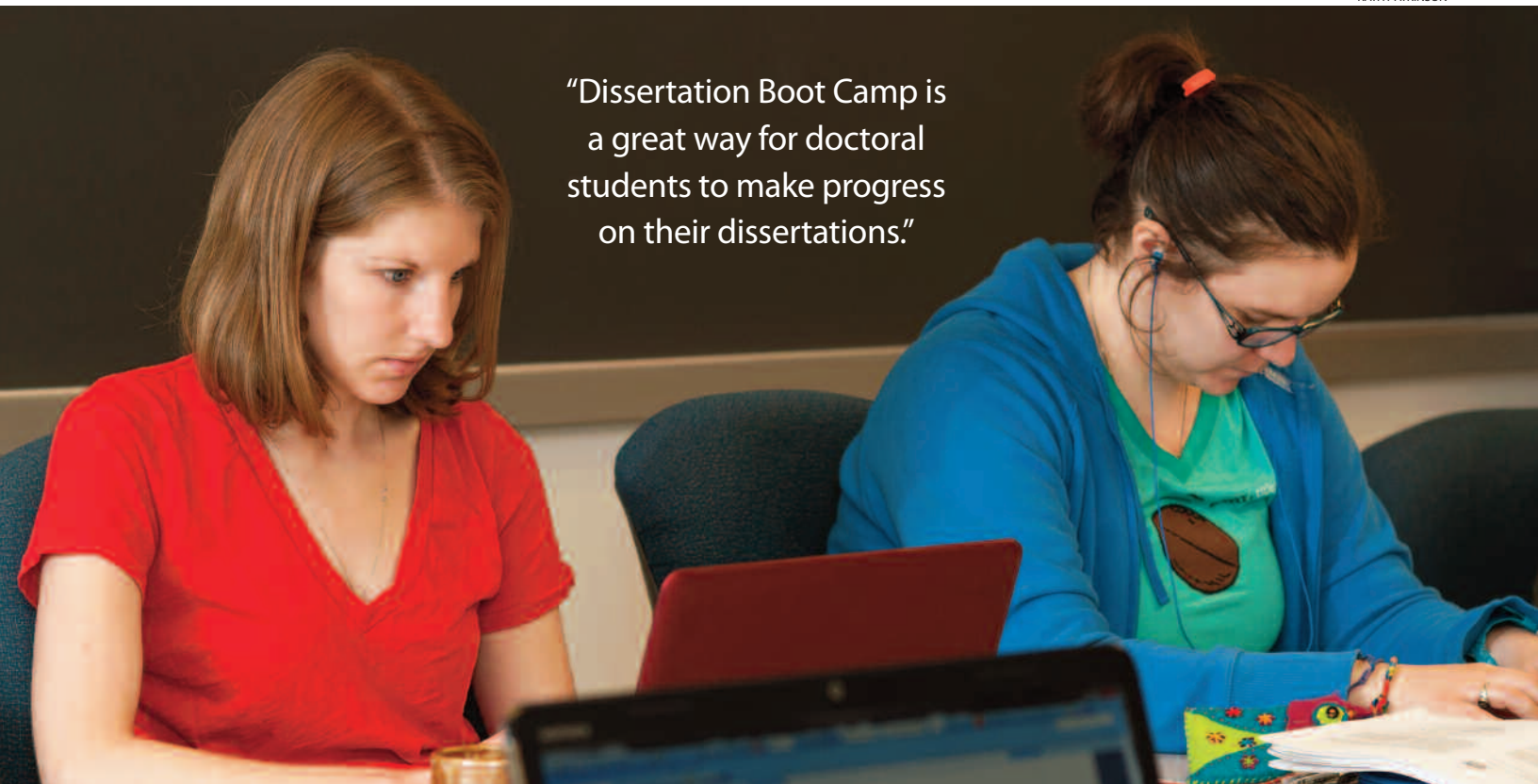
received their degrees, and they credit the dissertation boot camps with helping them accomplish their writing goals," said McCamley. "Hearing good news like that is one of my favorite parts of coordinating the boot camps."

McCamley notes that while dissertation boot camps are beginning to crop up at other universities, UD's is, to the best of his knowledge, the only one that provides students access to faculty who are specialists in writing studies. "That, combined with great lunches, one-on-one writing conferences and protected writing time, make the workshops a great way for doctoral students to make progress on their dissertations," he added.

The University of Delaware has held Dissertation Boot Camps each year since 2009, and 179 students have taken advantage of the program.

KATHY ATKINSON

"Dissertation Boot Camp is a great way for doctoral students to make progress on their dissertations."





## Teaching fellows program prepares future faculty

Since 1994, a teaching fellows program administered by the University of Delaware's Department of Chemical and Biomolecular Engineering has been offering advanced graduate students a hands-on teaching experience with the goal of helping them excel in their future role as engineering faculty at the university level.

The teaching fellows program was initially funded by a grant from DuPont and later by an endowment established as the Shirley and Fraser Russell Teaching Fellowship by UD professor of chemical engineering T.W. Fraser Russell as a memorial to his wife, who was a secondary math teacher. The fellowship supports one graduate student per year at the University of Delaware and one at the University of Alberta, Russell's alma mater. Both institutions have supported two to three additional fellows each year with department funds.

"I believe this program is unique at UD, and nearly unique across higher education," observed Russell. "Many graduate applicants have told us they were attracted to UD's chemical engineering program specifically because of the teaching fellowship."

Fellows co-teach an undergraduate course with a faculty mentor for one semester and are involved in all aspects of the course—lecturing, preparing new material, grading, etc. Russell personally attends many of the fellows' lectures, providing guidance and feedback.

With the goal of preparing Ph.D. students to enter academia with the benefit of real teaching experience under their belt, the program counts many successes. "We have had 28 teaching fellows to date, at least 18 of whom now hold faculty positions and three who earned teaching awards in their first three years of teaching," said Russell.

Mary McDonald Staehle earned a Ph.D. in chemical engineering at UD and was a Russell Teaching Fellow in 2008. In her first two years as a new assistant professor at Rowan University in New Jersey, she taught eight different classes and was named 2012 Outstanding Teacher by Rowan's chemical

*Mary McDonald Staehle earned a Ph.D. in chemical engineering at UD and was a Russell Teaching Fellow in 2008.*



KATHY ATKINSON

engineering class of 2012. "I am particularly proud of the award because it comes from the students themselves, for the first courses I taught them," said Staehle. "Having prior teaching experience allowed me to walk into each new course with confidence."

Another former teaching fellow, 2009 doctoral graduate Matthew Helgeson, is now assistant professor of chemical engineering at the University of California in Santa Barbara. Along with many other teaching fellow alums, he considers the experience invaluable. "The teaching fellowship was regarded very highly during my search for a faculty position," said Helgeson. "I strongly believe that it was a necessary part of my academic training and hope that it continues—both at Delaware and in the broader chemical engineering community."

"One of the best things about the teaching fellows program," Russell added, "is that it has a positive effect not only on the fellows themselves but also on the other graduate students who know them—it generates interactions and fosters discussions about teaching."

At UD, T.W. Fraser Russell has served as director of the Institute of Energy Conversion, chair of the Department of Chemical Engineering, associate dean and acting dean of the College of Engineering and vice provost for research. His teaching awards include UD's Excellence in Teaching Award, and the American Society for Engineering Education's Lifetime Achievement Award in Chemical Engineering Pedagogical Scholarship.

## Global travel grants

Offered by the Office of Graduate and Professional Education, in collaboration with the Institute for Global Studies and UD's seven colleges, the Global Research, Internship and Performances Grants Program helps send graduate students around the globe to conduct dissertation research.

"These grants provide graduate students the opportunity to conduct research and expand their scholarship beyond the UD campus," said Charlie Riordan, vice provost for graduate and professional education. "The new knowledge they develop will impact the cultures and communities in which they interact and the experience will position them to make continued contributions to their fields as they grow as scholars." For the 2011-2012 academic year, \$40,000 in grants was awarded.





## Graduate programs earn national recognition



KATHY ARINSON

**Gregory Hicks** (seated), associate professor in the Department of Physical Therapy, was recently awarded a \$2.35-million NIH grant to develop standardized rehabilitation approaches for low back pain.

UD's Department of Physical Therapy is ranked second in the nation in *U.S. News and World Report's* 2013 edition of *Best Graduate Schools*, published in a print guidebook in April.

The new guide analyzed more than 1,200 programs. Also listed were these UD graduate programs and their numerical rankings: School of Education (30); School of Public

Policy and Administration (37, with specialty rankings for city management and urban policy [12], nonprofit management [25] and public management administration [26]); Department of Psychology/clinical psychology (47); College of Engineering (56, with a specialty ranking for chemical engineering [10]); and Department of Art (114).

## Tomorrow's academic leaders

Each year, the federal government bestows early career development awards on young faculty considered most likely to become the 21st century's academic leaders. Five UD faculty won early career awards in 2012. **Mary Watson** and **Sandeep Patel**, both assistant professors of chemistry and biochemistry, and **Holly Michael** and **Clara Chan**, both assistant professors of geological sciences, received the prestigious award from the National Science Foundation. **Joshua Zide**, assistant professor of materials science and engineering, earned his award from the U.S. Department of Energy. Additionally, **Joel Rosenthal**, assistant professor of chemistry and biochemistry, was selected as a 2012 DuPont Young Professor, a recognition bestowed by the chemical company on some of chemistry's most promising talents; and **Salil Lachke**, assistant professor of biological sciences, was named a 2012 Pew Scholar in the Biomedical Sciences, an honor previously won by several Nobel laureates.

## Graduate certificate student wins fashion design competition

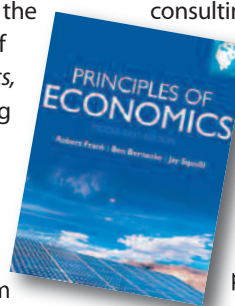


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Fashion designer **Carrie Parry**, a student in the graduate certificate program in Socially Responsible and Sustainable Apparel Business, recently won the Green Fashion Competition at Amsterdam International Fashion Week, where she was selected from hundreds of designers around the world based on the designs and business strategy in her fashion line, which she launched last year using information she learned in her UD courses.

## Popular economics

**Jay Squalli**, a 2004 graduate of the University of Delaware, recently co-authored the Middle East edition of *Principles of Economics*, one of the best-selling textbooks in the field of economics.



Squalli, who received his doctorate in economics from the Alfred Lerner College of Business and Economics and is currently an associate professor of economics at the American University of Sharjah (AUS) in United Arab Emirates, was invited by McGraw-Hill to co-author the text with Robert H. Frank, professor of economics at Cornell University, and Ben S. Bernanke, chairman of the Federal Reserve and former professor of economics at Princeton University.

Squalli worked in wholesale and retail management, consulting and oil distribution prior to becoming a professor and attributed his preparedness for both academic and nonacademic careers to the Lerner College program's emphasis on applied research.

"Without a doubt the applied nature of UD's graduate program, my interactions with UD economics faculty and classmates, and my teaching at UD have been essential ingredients for my current career situation," said Squalli.

"My teaching interests and skills took shape at UD and the writing in this textbook clearly reflects that," said Squalli.

# New programs

## UD launches doctoral program in nursing science

The University of Delaware is now offering a Ph.D. program in nursing science aimed at preparing recipients for careers in academic, research and health care settings. The program requires full-time study, with students completing coursework, comprehensive exams, and dissertation in three to four years.

The program offers individualized attention in a small cohort of students, immersion in the research process through assistantships on funded studies, course content on higher education in nursing paired with teaching assistantships, and a competitive stipend and tuition waiver for assistantships.

According to Kathleen Schell, director of the School of Nursing, UD's is the first doctoral program in this field in Delaware.

"The establishment of our program is timely to contribute to the preparation of future nurse scholars who will develop nursing science, serve as stewards of the profession, and educate the next generation of nurses at a time when faculty shortages have reached an all-time high in schools of nursing," Schell said. "Nearly 93 percent of current faculty openings are for positions requiring a Ph.D., and vacancies are expected to double in the next 10 years as the 'boomer' generation of faculty and nurse scientists retires."

Veronica Rempusheski, Jeanne K. Buxbaum Chair of Nursing Science, points out that the curriculum is guided by the mission of the National Institute of Nursing Research (NINR), the federal institute that supports nursing research at the National Institutes of Health.

For more information about the program, contact Dr. Rempusheski at 302-831-8502 or [vrmpush@udel.edu](mailto:vrmpush@udel.edu).

Article by Diane Kukich

## New degree and certificate in historic preservation

Launched in fall of 2011, the master of arts in historic preservation prepares professionals for the successful practice of historic preservation in public, private and nonprofit venues.

In its first year, the program was certified by the National Council for Preservation Education. The program began the 2012-13 academic year with an outstanding and accomplished cohort of 10 students, exceeding its goals. The first UD student was awarded the degree in May of 2012, also ahead of expectations.

Students in the program learn the theory and practice of historic preservation and develop skills in analysis and documentation of historic resources, practice of preservation planning, contextual research design and advocacy.

The program is designed to meet the needs of both traditional graduate students and working professionals, providing graduates with the skills and knowledge to work with a wide variety of populations and in diverse settings.

Students have the opportunity to pursue specific areas of emphasis in the field, including planning, museum studies, material culture, documentation and analysis, nonprofit leadership, vernacular architecture and landscapes and geographic information systems.

The new master's degree is one of several graduate programs in the School of Public Policy and Administration. The program is enhanced by the research and public service of the Center for Historic Architecture and Design. Students gain knowledge and employable skills both through academic coursework and through applied experience in research and preservation obtained by working with the center. In addition, the center provides research assistantships for about half the students in the program.

Drawing on courses from the master's degree, a 12-credit hour certificate program in historic preservation also is offered.



Master of arts in historic preservation students gather information on a stone bank barn for their documentation class.

## An abundance of Fulbrights

UD graduate students have a great track record in landing highly competitive Fulbright grants. Six graduate students were selected to receive awards supporting their education at overseas institutions in the 2011-12 and 2012-13 academic years.



**Adrienne Harding** in music (*see article on page 2*), **Devin Wardell** in fashion and apparel studies and **Corinne Weidinger** in art history were selected for 2011-12. **Isabelle Havet** in art history, **Anne Peng** in linguistics and cognitive science, and **Kate Duffy**, who recently received her master of arts in history and a certificate in museum studies, have won U.S. Student Fulbright Awards to study abroad during the 2012-13 academic year.

The Fulbright, established in 1946 and now operating in 155 countries worldwide, is considered the flagship international educational exchange program sponsored by the U.S. government.



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