

# Pitt Chronicle

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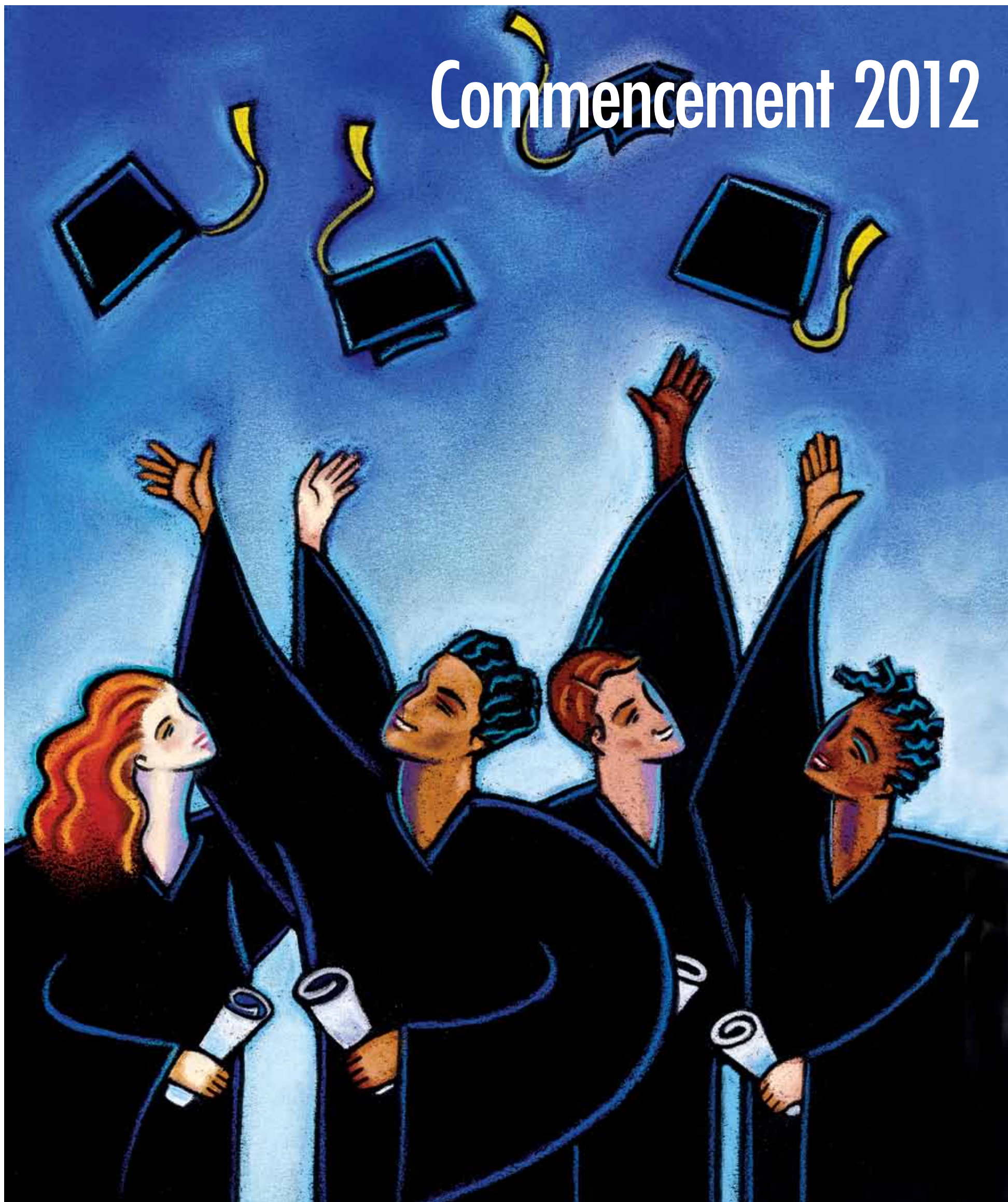
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## Commencement 2012



## New Pitt School of Law Dean Is Constitutional Law And Human Rights Scholar William M. Carter Jr.



William M. Carter Jr.

By Patricia Lomando White

Legal scholar William M. Carter Jr.—widely respected for his scholarship in constitutional law, international human rights law, and issues of social justice—has been named dean of the University of Pittsburgh School of Law, Pitt Provost and Senior Vice Chancellor Patricia E. Beeson announced April 25. Carter, who is currently professor of law at the Temple University Beasley School of Law and also has served on the faculty of Case Western Reserve University School of Law, will become the Pitt law school's dean on July 1, 2012.

Carter will succeed Mary Crossley, who is to assume a Pitt faculty position after seven successful years as law school dean.

“Professor Carter’s vision for the School of Law is well matched to our overall vision for the University,” said Beeson. “He is committed to building the school in ways that will further enhance the scholarly contributions of our faculty, enable our students to be successful in their legal careers, and engage the legal profession both locally and nationally. I am delighted that Professor Carter has agreed to serve as dean of the School of Law and have great confidence that his scholarly leadership and commitment to excellence in legal education will serve us well.”

University of Pittsburgh Chancellor Mark A. Nordenberg, a former dean of the Pitt law school, also praised the appointment. “Professor Carter is a highly regarded scholar and acclaimed teacher who also has earned the deep respect of his colleagues, which is reflected in the leadership positions he has held within the law faculties at both Temple and Case. He seeks to build on our Law School’s existing strengths by further

increasing its scholarly impact, enhancing its already strong educational programs, and building even more bridges to the practicing profession—here in Pittsburgh and around the country and particularly with our own law alumni.”

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—Mark A. Nordenberg

Carter earned his bachelor’s degree at Bowling Green State University in Ohio and his law degree with high honors from Case Western Reserve University School of Law, where he was elected to membership in the Order of the Coif and served as associate editor of the *Case Western Reserve University Law Review*. Earlier in his career, he worked as a litigation associate in the Washington, D.C., offices of Squire, Sanders, & Dempsey and Ropes & Gray.

Carter is an award-winning teacher who has taught in the areas of constitutional law, civil procedure, political and civil rights, and litigation. He has chaired most of the important committees at the two law schools on whose faculties he has served. These include the Executive, Faculty Recruitment and Selection, and Faculty Review committees at Temple and a special committee integrating lawyering skills into the curriculum at Case.

Carter’s articles have been published or are in press in such highly respected law journals as the *Columbia Law Review*, the *Harvard Civil Rights-Civil Liberties Law Review*, the *International Journal of Constitutional Law*, and the *UCLA Law Review*. He also has contributed to books published by Columbia University Press and Oxford University Press. His work has been cited by courts, lawyers, and other scholars, and he has established a national and international scholarly reputation, particularly with regard to the Thirteenth Amendment.

## Pitt to Confer 6,000 Academic Degrees at Its 2012 Commencement



University of Pittsburgh Chancellor Mark A. Nordenberg will welcome graduating members of the Class of 2012, faculty, trustees, alumni, staff, and invited guests, families, and friends attending Pitt’s 2012 Commencement at 1 p.m. today in the Petersen Events Center.

Pitt alumnus U.S. Lieutenant General Patricia D. Horoho (NURS ’92G), the 43rd Army Surgeon General and the commander of the U.S. Army Medical Command, will deliver the University’s 2012 Commencement address. She became the first woman and the first nurse to hold these positions when she was sworn in on Dec. 7, 2011, following her nomination by President Obama and her confirmation by the U.S. Senate. At the ceremony, Pitt will confer upon Horoho the degree of Doctor of Public Service *Honoris Causa*.

Chief University Marshal Michael R. Pinsky will open the ceremony leading a procession of members of the graduating class, faculty, staff, the Council of Deans, trustees, and administrative officers in full academic regalia; Pinsky is a professor of critical care medicine and bioengineering

in the School of Medicine and president of the University Senate at Pitt. The University Symphonic Band, led by Pitt Director of Bands Jack R. Anderson, will provide music for the ceremony.

After the awarding of diplomas—presented by Chancellor Nordenberg, Pitt Provost and Senior Vice Chancellor Patricia E. Beeson, and the deans of the schools and colleges—Kelvin Luu will speak on behalf of the graduating class. Luu, a graduating senior from the John A. Swanson School of Engineering, will receive the Bachelor of Science degree during the commencement ceremony. Following his remarks, Jack D. Smith (A&S ’69), president of the University of Pittsburgh Alumni Association, will welcome the graduates as Pitt’s newest alumni.

In all, Pitt will confer approximately 6,000 undergraduate, graduate, and professional degrees this year at its five campuses; Pitt-Bradford, Pitt-Greensburg, Pitt-Johnstown, and Pitt-Titusville will hold their

*Continued on page 9*



Patricia D. Horoho

### 225 Stories to Celebrate

## Wangari Maathai: Sowing Seeds of Change

Presenting Wangari Maathai with the Nobel Peace Prize, the selection committee praised her “holistic approach to sustainable development that embraces democracy, human rights, and women’s rights in particular.”

After earning a Master of Science degree in biology at Pitt in 1965, the Kenyan-born Maathai (1940-2011) became the first woman in East and Central Africa to earn a doctorate. She then founded the Green Belt Movement, which mobilizes Kenyans, many of them women, to plant trees—providing employment for them and renewable resources for their villages. Though Maathai was attacked and even imprisoned when her work ran afoul of powerful developers, she persevered and ultimately became Kenya’s assistant minister for environment and natural resources. She was awarded the Nobel Prize in 2004.

Maathai last visited Pitt in 2006, when she was presented with an honorary doctorate by Chancellor Mark A. Nordenberg, who is pictured with her at left, and delivered an address about her 30-year effort to reforest Kenya by planting 30 million trees and the seeds of change for the future of women.



For more stories about Pitt’s legacy of achievement or to share your own stories about the University, visit [www.225.pitt.edu](http://www.225.pitt.edu).

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# SeniorProfile

Andrea Richards

## "The World Is Open"

Chinese, Russian languages allow Andrea Richards to get to the heart of people and their cultures



Andrea Richards

By Sharon S. Blake

Speaking Mandarin and haggling with vendors in the huge outdoor markets of steamy Shanghai, Andrea Richards was literally a world away from her small hometown of Bucyrus, Ohio, population, 13,000. It was the summer of 2010, and Richards was relishing her ability to use a foreign language to communicate with people.

The recipient of a 2010 Foreign Languages and Area Studies (FLAS) Scholarship at Pitt, Richards had realized her love for foreign language a few years earlier while still a student at Wynford High School in Bucyrus. She had become so proficient in French after five years of classes that she was occasionally asked to be a substitute teacher for lower-level French classes.

Today, the friendly, athletic 22-year-old is graduating with a Bachelor of Arts degree in Chinese and Russian from Pitt's Kenneth P. Dietrich School of Arts and Sciences. She aspires to live abroad and teach English as a second language to

Chinese and Russian students in their native tongues while living in their native lands. She is one of only a handful of students graduating from Pitt today who majored in Chinese.

"The fun thing about languages is that you learn so much more about the people," said Richards, adding that it's impossible to learn a language without absorbing the nation's culture, whether it's chatting with merchants at Shanghai markets or discussing Buddhist traditions at a temple in nearby Hangzhou.

Richards received Pitt's prestigious Chancellor's Scholarship in 2008; she has consistently made the Dean's Honors List and received the Dean's Star Award. She served as a University Honors College (UHC) ambassador and a member of UHC's student advisory board, regularly discussing UHC developments and programs with its dean.

The summer after her memorable semester in China, Richards received the

Benjamin A. Gilman International Scholarship and used it to study Russian at Moscow State University through Pitt's Summer Language Institute. Again, she found herself immersed in the local culture as she navigated the Moscow subway, sampled borscht at the university's student café, and laughed with a Muscovite who was surprised to learn New York was both a state *and* a city.

In both countries, Richards said, she didn't hesitate to initiate conversations, even when she faltered in her use of some words.

"I go out on a limb to interact with the locals in their language," she said. "When they realized I was actually trying, that I wasn't just an annoying tourist, then they were happy to help me."

While at Pitt, Richards enjoyed participating in Language Partners, a program run by Pitt's English Language Institute that paired her with a young Russian woman and two Chinese graduate students. She found it challenging but rewarding to help her new friends order fast food or negotiate some of life's twists and turns. For example, the "v" sound doesn't exist in Mandarin. But when Richards told her Chinese partner to "make the 'f' sound and hum," the barriers came down.

"What's really cool about helping a non-native person with my own language is that I understand where that gap is," said Richards. "Or sometimes you want to discuss something interesting in American culture, and they don't have a word for it. You have to be

creative in how you communicate."

Richards found plenty of other activities to make her Pitt experience well-rounded. A flutist since fifth grade and a trumpeter since 10th, she joined the Carpathian Music Ensemble and found herself playing the music she had learned about in Russian class.

She worked as a producer at WPTS, Pitt's student radio station, and joined the Pitt Crew Club. An avid runner, she would frequently unwind during a 10-mile jog through Oakland and Polish Hill, developing a love for the local communities along the way.

For her senior project, Richards explored the Chinese legal system and the roles of individuals in settling disputes, whether the disagreements are between individuals or involve a business or the government. While in Shanghai, she purchased a stack of self-help law books published by the government with advice on solving legal problems.

"Some people view China as oppressive, but the leaders there recognize there will be disputes. They want people to resolve them peacefully," Richards commented.

Even though Richards submitted an application and was accepted into law school, her love of teaching won out. She has applied to the Center for International Educational Exchange for a one-year teach-abroad program in the Chinese province of Heilongjiang, which borders Russia.

Today, the friendly, athletic 22-year-old is graduating with a Bachelor of Arts degree in Chinese and Russian through Pitt's Kenneth P. Dietrich School of Arts and Sciences. She aspires to live abroad and teach English as a second language to Chinese and Russian students in their native tongues while living in their native lands.

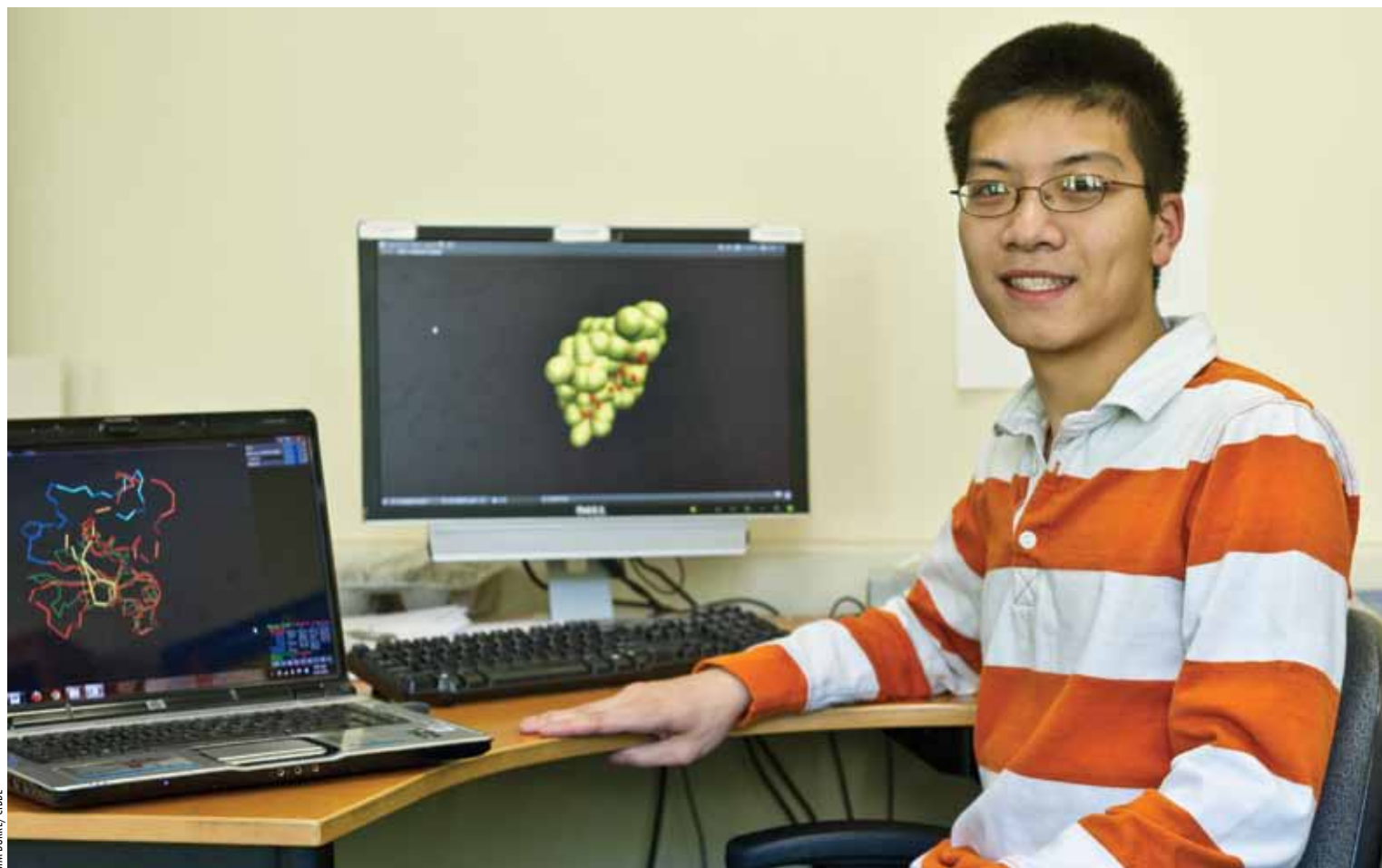
"I tell them they can go anywhere they want to," she said. "Nothing is closed off. The world is open to them."

# SeniorProfile

David Wang

## A Love of Medicine

David Wang heads to medical school, aims to maintain work-life balance



David Wang

Wang is quick to say that his life does not begin and end in the classroom, however. Personal relationships, for instance, are of tremendous significance to him. "Daily interactions with my girlfriend, with my friends, and with the people in my life outside of the lab are an extremely vital part of who I am. Whenever I find that I am sacrificing time with the people who are important to me personally, I definitely take steps back, and I get my priorities back in order."

By Anthony M. Moore

Armed with two undergraduate degrees and a love of medicine, David Wang is poised to begin the second phase of his academic life.

Wang graduates today with a 3.99 GPA, a Bachelor of Philosophy degree from Pitt's University Honors College, and a Bachelor of Science degree in chemistry and applied mathematics from the Kenneth P. Dietrich School of Arts and Sciences.

This fall, he will begin medical school at one of two Ivy League universities, both of which have offered him full scholarships.

"It is a difficult decision, but it's absolutely a win-win situation for me in that both schools offer elite programs that will help further my goals," said Wang, who wants to become a general practitioner. "I am most looking forward to having daily one-on-one interactions with patients and working together with them to find ways to help."

Medicine has been a mainstay of Wang's adult life; since his freshman year at Pitt, he has volunteered at UPMC Montefiore and UPMC Presbyterian hospitals. He also has shadowed numerous doctors in UPMC's Emergency Trauma Center, Cardiovascular Institute, and Hillman Cancer Center.

And he has impressed his professors and others along the way.

"He's just a wonderful student and a splendid person in every way," observed Toby M. Chapman, Wang's organic chemistry instructor and a faculty member within the Pitt-UPMC McGowan Institute for Regenerative Medicine. "Rarely do you get that combination of both personality and

brilliance, but David has all of that. Moving forward, he will be very successful in his pursuits."

Wang pursues even small activities with gusto. Take, for example, the ping-pong league that he began in the fall of 2009, the first semester of his freshman year. An avid ping-pong enthusiast, Wang decided to organize a tournament for students in the Honors residence hall.

"The idea started out as a couple of friends getting together for a few friendly games," Wang said with a coy smile. "I guess it kind of took on a life of its own from there."

Before long, a "couple of friends" became more than 40—meticulously organized by Wang into eight divisions within two conferences. A "few friendly games," became a semesterlong regular season complete with a playoff-style tournament at the end, with Wang serving as the

League's unofficial commissioner. Wang would go on to win that tournament; it would be the first of his many triumphs at Pitt.

Born in China, Wang and his parents immigrated to Toronto when he was 5 years old, and they moved to Pittsburgh in 2000. Wang graduated from Mt. Lebanon High School, and he came to Pitt on a University Honors College full-tuition scholarship. He has made the Dean's List every semester.

Wang's most recent honors include a 2011 Brackenridge Research Fellowship, a 2011 James V. Harrison Undergraduate Research Award, and a 2010 Rita R. and David A. Rossi Sr. Scholarship, which is chosen from the top 2 percent of Pitt undergraduate seniors, and a Laura E. Elden Education Trust Scholarship.

Wang also received a 2011 honorable

Wang's most recent honors include a 2011 Brackenridge Research Fellowship, a 2011 James V. Harrison Undergraduate Research Award, and a 2010 Rita R. and David A. Rossi Sr. Scholarship, which is awarded to only three Pitt chemistry majors a year. In addition, Wang has received a 2010 University Scholarship, which is chosen from the top 2 percent of Pitt undergraduate seniors, and a Laura E. Elden Education Trust Scholarship.

mention for the Barry M. Goldwater Scholarship. For the University Honors College's 25th Anniversary Celebration earlier this semester, he was selected to be one of the "25 Students for 25 Years" profiled in the anniversary program.

Wang is quick to say that his life does not begin and end in the classroom, however. Personal relationships, for instance, are of tremendous significance to him.

"Daily interactions with my girlfriend, with my friends, and with the people in my life outside of the lab are an extremely vital part of who I am," Wang said. "Whenever I find that I am sacrificing time with the people who are important to me personally, I definitely take steps back, and I get my priorities back in order."

A self-described sports fanatic, his television can be found most often tuned to ESPN. Wang also has been a common sight on the Cathedral of Learning lawn, playing anything from ultimate Frisbee to soccer. He is also an accomplished pianist and violinist. In 2007, he was a cowinner of the Pittsburgh Concert Society Young Artists Auditions competition, performing in recital as a pianist, and he was soloist in the Grieg Piano Concerto with the Three Rivers Young Peoples Orchestra.

Wang's hobbies and nonacademic pursuits help him maintain the proper balance for a 21-year-old college graduate seeking to embark upon a serious professional career that will allow him to make significant contributions to the world around him.

# SeniorProfile

Nyasha Hungwe

## Wanting to Make an Impact

Law school grad, Pitt GPSA President Nyasha Hungwe hopes to spur social change



Pennsylvania Governor Tom Corbett traveled to the Pittsburgh campus on March 16 in response to an invitation from Nyasha Hungwe, president of Pitt's Graduate and Professional Student Assembly (GPSA). Corbett spoke to an audience of 350 during a Pancakes and Politics event in the William Pitt Union's Assembly Room that was sponsored by the GPSA and the undergraduate Student Government Board (SGB). Pictured, from left, are SGB President James Landreneau; Hungwe; Paul Supowitz, Pitt's vice chancellor for governmental relations; Pitt Chancellor Mark A. Nordenberg; and Corbett.



Nyasha Hungwe

By Audrey M. Marks

Growing up in Zimbabwe's capital city, Harare, Nyasha Hungwe was fascinated by planes. He fell in love with the idea of flight and set his sights on becoming a professional pilot—until he learned that aviation requires a comprehensive background in math and science. Even at the tender age of 12, Hungwe knew he did not excel in those two subjects.

So he mapped out another path, aided by his natural gift of gab.

"I was told that I talked a lot, and that I should be a lawyer," said Hungwe, who graduates today with a Juris Doctor degree from the University of Pittsburgh's School of Law. "By the time I was a teenager, I started reading books and exploring a future in law. I found that some of the people who brought about the most fundamental social change in our time were lawyers: Mahatma Gandhi, Nelson Mandela, and Thurgood Marshall."

In 1999, while the Hungwe family was on vacation in Disney World, Nyasha's father promised him that he could attend college outside of Zimbabwe if he studied hard. But the road to earning an education in the United States hasn't been without obstacles.

"My father went to great lengths to put my brother and me through school," Hungwe said, adding that his father sold several properties to finance his education. "To this day, I don't know how he managed. He put me on a plane and said, 'Study and work hard.' I've always had my mind set; I knew I'd go to law school," Hungwe said.

While finishing his undergraduate degree from Elizabethtown College as a double major in philosophy and economics, Hungwe applied to almost 30 law schools across the United States, including Pitt's School of Law.

"Pitt was the only school that included a personal handwritten note in my acceptance letter," Hungwe said. "It really had an impact on me. I came to Pittsburgh to visit campus,

and it was the only campus visit I made because I knew this is where I wanted to be."

When Hungwe entered Pitt's School of Law in 2009, he immediately joined the Student Bar Association and became a class representative. The year he spent representing 87 of his fellow classmates was an eye-opener in terms of realizing the difficulties of enacting change.

"I came up with a bunch of initiatives, but none of them really took off," Hungwe said.

After his first year of law school, he worked in the Harrisburg office of Pepper Hamilton, a law firm with a national and international practice that provides corporate, litigation, and regulatory legal services. Hungwe vividly remembers the first assignment he was given that summer: Research double indemnity clauses in accidental death and dismemberment insurance across four different states for an upcoming case.

During his second year of law school, while taking a heavy course load, Hungwe decided to run for president of Pitt's Graduate and Professional Students Assembly (GPSA).

To help spread his message and to talk to as many graduate students on campus, Hungwe contacted every graduate student organization and association on Pitt's campus and asked to speak directly to his fellow graduate students.

"I took the age-old grassroots approach to campaigning. I ran around introducing myself and talking to everyone I could

meet," he said. "Very rarely do you get an opportunity to tell people what you are about, what you are interested in, and have them listen to your ideas."

Most newly elected GPSA presidents prepare during the summer for their first term of office in the fall. But Hungwe spent that summer as an associate with Pepper

Hamilton, this time in the firm's Philadelphia office. Between poring over briefs and treatises, he used Skype in the evenings to virtually attend meetings with GPSA officers and full Assembly Board meetings with representatives from student governments from each of the schools at Pitt.

"I had a lot of grandiose ideas after I got elected. I had hundreds of things I wanted to achieve during my yearlong term," Hungwe recalled.

One of his goals was to bring an important political figure to GPSA's signature event, Pancakes and Politics, an early-morning breakfast discussion involving students and an important political figure. Hungwe set his sights on inviting Pennsylvania Governor Tom Corbett to campus to discuss the proposed state budget that includes substantial cuts to Pitt's state funding.

After making a number of calls to Corbett's office, Hungwe said he was thrilled when the governor's office responded, offering March 16 as a date that Corbett could come to Oakland to speak at the Pancakes and Politics event.

"We saw the governor attending our

event as an excellent opportunity to educate him from the student perspective and, in turn, for him to share his information with us," Hungwe said. "I wanted to start a meaningful dialogue between the governor and students, one that doesn't just end after Pancakes and Politics. If we can inform him of our position, and try to persuade him to keep state-related university funding intact, Pitt stands to get better representation in Harrisburg."

With his term as GPSA president drawing to a close, Hungwe's political future is just beginning. Though he isn't an American citizen, he said he hasn't ruled out working for a future political campaign or for the government in either the United States or Zimbabwe.

"One of my most memorable moments at Pitt was the two minutes before I introduced Chancellor Mark Nordenberg, who introduced Governor Corbett," he said. "Before I got up and set my notes on the podium, I was standing there between these dignified and powerful people thinking, 'How did I get here? Don't trip. Compose yourself.' Those moments remind you that you're a small part of a very big world. You have the potential to do really big things."

Now that he's graduated from law school, Hungwe will turn his focus to his immediate future: taking the Pennsylvania and New Jersey Bar exams and joining Pepper Hamilton's Philadelphia office in September.

And he received a few pointers for the bar exams from none other than the governor himself.

"Governor Corbett said, 'Study for it, treat it like an every day 9 a.m. to 5 p.m. job. Study and you'll do fine, but don't over study,'" Hungwe recalled.

Hungwe said hard work and dedication, paired with the opportunities he's had at Pitt, have led him to the path he is on today. He said he wants to stay involved at Pitt and help others have the opportunities he's experienced, especially those in his home country.

"I'd love to help connect Pitt with a university in Zimbabwe," Hungwe said. "Perhaps an exchange program for students to be given the same opportunities I've had here in Pittsburgh and to open the channel for Pitt students to benefit from what Zimbabwe has to offer."

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—Nyasha Hungwe

# SeniorProfile

Molly Stieber

## A Vocal Student Advocate

Molly Stieber taps the Pitt experience to its fullest, gaining state and national platforms for higher-ed funding issues



Molly Stieber addressed the state Senate Appropriations Committee during a Sept. 12, 2011, hearing held in Alumni Hall's Connolly Ballroom. Stieber and others who testified made the case for the restoration of adequate state funding for Pitt. From left are Pitt Chancellor Mark A. Nordenberg; Stieber; Graham Hatfull, Eberly Family Professor and Howard Hughes Medical Institute Professor; and Stephen Tritch (ENGR '71, MBA '77), chair of the Pitt Board of Trustees.

By Patricia Lomando White

From the moment Molly Stieber stepped onto the University of Pittsburgh campus as a high school senior—she knew it was where she wanted to be. Calling her decision to attend Pitt “the best in her life,” Stieber says her Pitt experience has provided her with a range of opportunities unimaginable just four years ago, including her testifying during a Pennsylvania Senate Appropriations Committee hearing and being selected to introduce U.S. Vice President Joseph Biden during his Fall 2011 visit to Pitt.

Stieber graduates today with two Bachelor of Arts degrees—in political science and in philosophy—from Pitt's Kenneth P. Dietrich School of Arts and Sciences. The Lancaster County native also will receive a Global Studies Certificate in Global Governance and Economy in the Middle Eastern Region. She is proficient in Modern Standard Arabic and has also studied the Iraqi dialect.

While a sophomore at Pitt, Stieber ran for and won membership on the Student Government Board (SGB), campaigning on a platform that advocated a move toward more electronic textbooks for Pitt students. She helped develop a relationship between Pitt students and the Book Center, founded the Book Center Student Advisory Committee, and was integral in the eventual introduction of electronic textbooks at the University.

Stieber continued her SGB activism,

making a successful run for the SGB presidency and serving in that position from January 2011 to January 2012.

“Running for president was the most exciting and best time in my life,” said Stieber, who through her position as SGB president became involved in student advocacy regarding Harrisburg's proposed dramatic cuts to the University's state appropriations for fiscal year 2012. Stieber is cofounder of the Pennsylvania Association of State-Related Students, which comprises students from Pitt, Penn State, Temple, and Lincoln Universities. All but Lincoln are facing a second consecutive year of proposed steep state funding cuts from Harrisburg for FY 2013.

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A pivotal moment in Stieber's SGB leadership came when she was asked to testify before the state Senate's budget committee, which held a hearing in Alumni Hall last September. Her testimony made it clear that she is a woman with a mission.

“No one was prepared for the 50 percent in cuts” to Pitt's annual appropriation initially proposed by Harrisburg for the 2011-12 school year, explained Stieber. “This was a defining moment for me. I felt that those who opposed the cuts could have a voice through my efforts. I realized that I was given the opportunity to speak, and people were listening to what I had to say.”

Her professional and impassioned presentation caught the attention of the budget committee as well as those in a much broader audience. Stieber was among a group of 150 people—including a few Pitt students and officials—invited to hear President Barack Obama speak about the American Jobs Act when he came to the International Brotherhood of Electrical Workers (IBEW) Union Hall on Pittsburgh's South Side last October. And, as was mentioned earlier, she also introduced Vice President Joseph Biden on his visit to the University in November.

“My advocacy work in speaking out against the cuts got me recognition and gave me confidence to introduce the vice president,” noted Stieber. “When I testified before the Senate committee, I brought up difficult issues, so I wanted to say certain things when I introduced the Vice President.”

“These speeches are not about me; they are bigger than me,” she added. “I see this as a way of helping others.”

Stieber's leadership skills took root while she was a student at Manheim Township High School, where she played varsity volleyball and joined the school newspaper, serving as its opinion editor and, ultimately, its editor-in-chief during her senior year.

Shortly after coming to Pitt, Stieber joined the Chi Omega sorority, calling it her first political experience, where she came to realize the importance of an organization's constituents. Still active in the sorority, Stieber says that she has used her sorority experience to set an example for the younger students.

“I gave a speech in January to the University's spring Greek pledges, mostly young men,” said Stieber. “I told them that those [Greek] letters make you visible. Greek life is a huge driving force on campus, and I'm proud to be a part of its

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Molly Stieber

success.”

In addition to engaging in SGB and sorority activities on campus, Stieber is a planning committee member for the non-profit organization Community Human Services. Since 2009, she has participated in planning the organization's largest fundraiser, “Sleep-In for the Homeless.” Her efforts earned her Community Human Services of Pittsburgh's 2010 Home Is Where the Heart Is Award, which recognizes community heroes who work to make the Pittsburgh community a better place.

Stieber's dedication and drive can be seen in all aspects of her life, including academics. In addition to earning two degrees, she is proficient in Arabic and has served as an undergraduate teaching assistant during Spring Term for three sections of Arabic 2 through Pitt's Less-Commonly Taught Languages Center, noting that the best way to learn is to teach.

Her hobbies include running, singing, and recreational intramural volleyball, which she's played since coming to Pitt.

And what does that future hold? Stieber plans to head to Washington, D.C., for a prestigious summer internship. But stay tuned, for it is likely that Stieber—vivacious and outspoken—will be making headlines of her own some day.

# SeniorProfile

Laura Dempsey

## Engaging Both Sides of the Brain

Laura Dempsey, Whitaker Fellow, combines bioengineering and art



Laura Dempsey and two of her paintings displayed at the Frick Fine Arts Gallery during Pitt's annual student art exhibition.

By B. Rose Huber

At four years old, Laura Dempsey drew a vibrant, colorful picture of a train for her mother. The image was especially captivating because of the level of detail: It included the functional parts of a working locomotive. The picture, Dempsey says, epitomizes the workings of her brain from a very young age: the ability to “make things that work,” combining science and art.

Dempsey graduates today with a Bachelor of Science degree in bioengineering from the Swanson School of Engineering and a Bachelor of Arts degree in studio arts and a minor in chemistry from the Kenneth P. Dietrich School of Arts and Sciences. This fall, she will move to England to pursue a Master of Philosophy degree in clinical neuroscience; Dempsey is one of only 50 recipients worldwide of this year's Whitaker International Fellowship at the University of Cambridge. She also won Pitt's 2012 Emma Locke Award, which is presented annually

to a graduating senior in recognition of high scholarship, character, and devotion to the ideals of the University.

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Dempsey moved from rural Colorado to Pittsburgh five years ago to begin her education at Pitt, where she had received a full-tuition scholarship. She says she knew then that she was interested in a career in bioengineering, either in academia or industry. Her father is a mechanical engineer who had urged her at a young age to gain experience in her interests. While in high school, she spent two years as a junior researcher at Colorado State University studying tomato species along with tissue/protein growth in cells. After long hours in the lab, Dempsey spent her evenings crafting, creating, and drawing—much like her mother, who is an artist.

“It's as if my brain can only function when both engineering and art are in my life,” says Dempsey. “When I was accepted to Pitt, I was thrilled to be joining the engineering

department, but there was still this nagging feeling. I knew where a science degree would take me, but I still couldn't help but wonder what would happen if I'd gone to art school?”

To keep her brain balanced, Dempsey vowed to take outside art classes alongside her bioengineering studies whenever possible. From the start, she quickly immersed herself in engineering, working in labs focusing on molecular plant biology, chemical engineering, developmental embryology, and magnetic resonance imaging. She excelled, maintaining (and now graduating with) a 3.99 GPA. The work led to her being nominated for and receiving the George Washington Scholar Award as the single outstanding engineering senior of the Class of 2011. All the while, she continued taking art classes on the side at various Pittsburgh institutions.

But her devotion to pure science, she says, soon became exhausting.

It wasn't until her fourth year at Pitt, during a discussion with a professor from Pitt's University Honors College, that Dempsey decided to pursue art in a more traditional way—by enrolling in Pitt's Studio Arts Program. With a yearlong extension granted by the Honors College, Dempsey could graduate with not just one, but two degrees.

“The two disciplines made sense to me; they are both about making. I've used art in engineering, and now I've used engineering in art,” says Dempsey, whose work was

**It wasn't until her fourth year at Pitt, during a discussion with a professor from Pitt's University Honors College, that Dempsey decided to pursue art in a more traditional way—by enrolling in Pitt's Studio Arts Program. With a yearlong extension granted by the Honors College, Dempsey could graduate with not just one, but two degrees.**

recently on display at the Frick Fine Arts Gallery in the University's annual student art show. “And the nice part is that they [engineering and art] don't have to be related and can be completely separate outlets if I want them to be.”

Admittedly, Dempsey says, the reason she didn't pursue an art career is because she didn't want the economic hardships associated with it. With engineering, she knew there would be ample opportunity to grow intellectually and to work in a field with ample job opportunities. She also knew there'd be time, later in life, to pursue a Master of Fine Arts degree. Although she is satisfied with her choice, she admits that some people are skeptical about her academic decisions.

“Some people think I'll be less of an engineer because of my studies in art, but I view my art degree as a strength,” says Dempsey. “In the lab, my peers call me the ‘arts and crafts girl.’ I make systems, and I'm extremely good with meticulous details. Working with my hands is my skill set, no matter the venue.”

At the end of the day, Dempsey says, she feels at peace when both science and art are part of her life, and she believes others also see the combination as a strength.

“It's an honor to be nominated for awards by my professors. It's recognition that people were paying attention and liked what I was doing,” she says.

Dempsey credits not only the University Honors College for her ability to combine two seemingly unrelated fields but also the University as a whole. Forcing herself to move from life in a rural setting into an urban oasis, Dempsey has taken solace in the woods of Schenley Park while learning to love both the city of Pittsburgh and the University environment.

“Pitt has been really good to me,” she says. “I've gotten to this place because of the environment here: the limitless resources and research and the opportunity to have the experiences you need as a student. It truly is a remarkable place for young researchers and artists.”

# William R. Wagner Named Director of McGowan Institute for Regenerative Medicine

By Anita Srikameswaran

William R. Wagner, professor of surgery in Pitt's School of Medicine and of bioengineering and chemical engineering in Pitt's Swanson School, has been named director of the McGowan Institute for Regenerative Medicine, a joint effort of Pitt and UPMC, effective immediately. Rocky S. Tuan, the Arthur J. Rooney Professor in Sports Medicine and executive vice chair for research, Department of Orthopaedic Surgery in the Pitt School of Medicine, has been named associate director.

Wagner, who has served as interim director since September 2011 and has been a deputy director at the McGowan Institute since its establishment in 2001, is an expert in biomaterials and polymer chemistry whose current research efforts focus on repair of damaged cardiovascular tissues.

"He has long held a leadership role at not only the McGowan Institute, but also globally in the fields of regenerative medicine and tissue engineering," said Arthur S. Levine, dean, of the School of Medicine, and senior vice chancellor for the health sciences at Pitt. "I am delighted to have the experience and expertise of Dr. Wagner at the helm of the McGowan Institute to continue its mission of exploring the vast potential of these approaches to develop innovative treatments for our most challenging medical problems."

Wagner, who succeeds Alan Russell,

founder of the McGowan Institute and executive director of the Pittsburgh Tissue Engineering Initiative, joined the Pitt faculty in 1991. He is the editor-in-chief of *Acta Biomaterialia*; deputy director and scientific leader for the National Science Foundation Engineering Research Center at Pitt; past president of the American Society for Artificial Internal Organs and current executive board member of the International Federation of Artificial Organs; a chief scientific officer for the Armed Forces Institute for Regenerative Medicine (AFIRM) Wake Forest University-University of Pittsburgh consortium; and cofounder of Neograft Technologies, Inc.

Wagner completed his doctorate in chemical engineering in 1991 at the University of Texas, Austin, and his bachelor's degree in chemical engineering in 1986 at Johns Hopkins University.

"I am delighted to have this extraordinary opportunity to lead one of the premier regenerative medicine research centers,"



William R. Wagner

Wagner said. "I am especially pleased to be working closely with Dr. Tuan, who will hold the new position of associate director. His extensive background in stem cell biology and tissue engineering is a great asset to the McGowan Institute."

Tuan joined the faculty in 2009 and will continue to be the director of the Center for Cellular and Molecular Engineering in the Department of Orthopaedic Surgery. He also is codirector of the Wake Forest-Pitt AFIRM Consortium.

"I am extremely excited about joining the McGowan Institute and the partnership with Dr. Wagner," Tuan said. "I look forward to developing a research infrastructure that aims to synergize life science and engineering technologies for the restoration of structure and function to diseased and injured organs and tissues."

Prior to joining Pitt, Tuan was chief of the Cartilage Biology and Orthopaedics Branch at the National Institutes of Health's National Institute of Arthritis and Musculoskeletal and Skin Diseases. He received his undergraduate education at Swarthmore

College and Berea College, his doctorate in 1977 from Rockefeller University, and post-doctoral training in Harvard Medical School.

A 2004 recipient of the Marshall Urist Award for Excellence in Tissue Regeneration Research of the Orthopaedic Research Society, Tuan is internationally known for his research in stem cell biology and musculoskeletal tissue engineering and regenerative medicine, and for his innovative leadership role in biomedical education. He is editor of the developmental biology journal *BDR: Embryo Today* and the founding editor-in-chief of *Stem Cell Research and Therapy*; a board of councilors member of the American Society for Matrix Biology and Tissue Engineering and the Regenerative Medicine International Society-Americas; and a scientific advisory council member of the Regenerative Medicine Foundation.

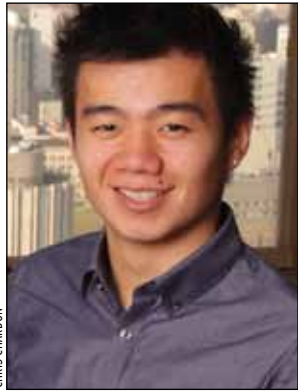
"The knowledge and skills of Drs. Wagner and Tuan will further enhance the already stellar reputation of the McGowan Institute as a place where revolutionary biomedical therapies are born and come to fruition," Levine said.

The McGowan Institute serves as a base of operations for 230 of the University's leading scientists and clinical faculty working in the areas of tissue engineering, cellular therapies, and artificial and biohybrid organ devices.

## Emma Locke, ODK Awards Presented To Graduating University Seniors



Laura Dempsey



Kelvin Luu



Molly Stieber

By Baidun N. Saidu

Two awards presented annually to University of Pittsburgh seniors were announced during Pitt's annual Honors Convocation in February.

Pitt University Honors College senior Laura Dempsey was awarded the 2012 Emma Locke Award, which is presented annually to a graduating senior in recognition of high scholarship, character, and devotion to the ideals of the University. (See profile of Dempsey, page 7.) Established in 1946 by Charles A. Locke in memory of his mother, the Emma W. Locke Award is presented to a graduating senior with at least a 3.85 GPA who plans to continue his or her education after graduation.

Pitt seniors Kelvin Luu and Molly Stieber were named the 2012 Omicron Delta Kappa (ODK) Seniors of the Year. (See profile of Stieber, page 6.) ODK, founded in 1914 at Washington and Lee University in Lexington, Va., is an honorary society that recognizes students who maintain a high standard of leadership in collegiate activities. The award is given to students who possess and exhibit outstanding leadership qualities in service to the University.

Luu majored in bioengineering in Pitt's Swanson School of Engineering and minored in chemistry in the Kenneth P. Dietrich School of Arts and Sciences. A native of Garfield Heights, Ohio, Luu has been involved in numerous leadership positions at the University, including resident

assistant and program coordinator for the Resident Student Association (RSA), where he worked with Honors freshmen as part of a Living Learning Community to develop a healthy residence-hall community. As a public relations chair in the RSA, Luu worked with other executive board members to improve life on campus for all resident students. He also served as a peer tutor to freshman engineering students in the Swanson School.

A member of the Student Alumni Association, Premedical Organization for Minority Students, and the Pittsburgh Outdoors Club, Luu also performed many community service projects, including cofounding the Holiday on the Hill donation drive for the American Red Cross in Pittsburgh and volunteering as a patient navigator at UPMC Shadyside Hospital and for Pitt's annual Make a Difference Day.

Luu has participated in several research opportunities at Pitt, including the pursuit of research for the University's Musculoskeletal Research Center and the Pittsburgh Tissue Engineering Initiative. A recipient of the University Honors College full-tuition scholarship and Swanson School of Engineering Scholarship, he is a member of the Golden Key International Honor Society, the National Society of Collegiate Scholars, and the Alpha Epsilon Delta fraternity. He also was on the Dean's List each semester of his undergraduate career.

## Ryan Gayman Receives Humanity in Action Fellowship

By Baidun N. Saidu

University of Pittsburgh senior Ryan Gayman, a University Scholar, has been selected to receive a 2012 Humanity in Action (HIA) summer fellowship. Gayman, an anthropology and urban studies major in the Kenneth P. Dietrich School of Arts and Sciences, will participate in the European program this summer in Paris.

This is the seventh consecutive year that Pitt has competed successfully in the HIA Fellowship program.

Based in Denmark, France, Germany, the Netherlands, and Poland, the HIA European Programs focus on European issues of historical and contemporary importance, among them immigration, the integration of underrepresented groups, and the formation of international human rights doctrines.

Gayman, from Newburg, Pa., has worked extensively with the non-profit organization Amizade Global Service-Learning, which empowers individuals and communities through worldwide service and learning. In spring 2010, he visited the Navajo Nation, a semiautonomous Native American-governed territory, to attain a better understanding of the site and culture. That following summer, he traveled to Karagwe, Tanzania, where he worked with a local women's rights nongovernmental organization (NGO), Mavuno, to collect ethnographic data on Tanzanian women. He also helped to install water-harvesting systems in rural villages and constructed a tree nursery for local farmers.

In summer 2011, Gayman traveled to Jukwa, Ghana, where his community needs assessment and feasibility study resulted in the construction of a maternal care wing to a clinic. While in Ghana, he worked as a youth conflict-resolution volunteer for Peace Humanity, a Ghanaian NGO that connects volunteers across the world to Ghanaian communities. Gayman also served as a volunteer in Buduburam, a refugee camp near Accra, Ghana, where he helped to create peaceful conflict-resolution programming for Liberian youth in the camp.

At Pitt, Gayman's service includes working as a steering committee chair for

Keep It Real, a student-initiated organization devoted to tutoring and mentoring refugee children. In that organization, he cocreated Real Saturdays Refugee Boys Club, a weekend program that focuses on the development of social and personal skills of Somali Bantu refugee boys. In spring 2010, Keep It

Real board members received the University's Outstanding Organization of the Year and Outstanding Educational Programming of the Year awards.

Gayman's other leadership experiences include his appointment as a student representative to the Property and Facilities Committee of the Pitt Board of Trustees and as a student representative to the Pitt University Honors College Student Advisory Board, as well as his election as a Student Government Board (SGB)

member for the 2011-12 academic year. As an SGB board member, Gayman served on the Student Community Service Council and helped coordinate student volunteer opportunities in conjunction with Pitt's Student Volunteer Outreach program.

In addition to working as an executive assistant in the Student Organization Resource Center, which provides service to more than 400 undergraduate and graduate student organizations, Gayman is also an active member of Pitt's Anthropology Club and Plant to Plate, a student organization that teaches students about sustainable agriculture and connects them to their food through urban gardening.

Participation in the HIA's core programs provides the foundation for further involvement with the HIA. Upon completion of summer fellowships, participants may proceed to international internships to continue their training in human rights issues. Past fellows have used their experiences with HIA to further careers in such fields as education, civil service, journalism, law, and art.

HIA was founded in 1997 to guide student leaders in the study of human rights. Fellows are selected on the basis of high academic achievement, evidence of leadership ability, and demonstrated commitment to human rights issues.



Ryan Gayman



## Pitt's European Union Center of Excellence Wins National Award for Outstanding Outreach Activity



By Audrey M. Marks

The European Union Center of Excellence (EUCE) at the University of Pittsburgh has been awarded the EUCE Outstanding Outreach Activity Award for its 2011 Model European Union program for high school students.

In December 2011, more than 100 students in grades 9-12 from nine Pittsburgh-area schools participated in the University's daylong Model EU simulation. Students

assumed the roles of presidents, prime ministers, and foreign ministers and engage in intense negotiations over controversial issues facing the EU.

"We are especially proud of this award because Pitt's Model EU simulation is an EUCE team effort and because it is awarded by a committee made up of fellow EUCE members and diplomats," said Ronald Linden, director of Pitt's EUCE/European Studies Center and a professor in the Kenneth P. Dietrich School of Arts and Sciences' Department of Political Science.

The award review committee—comprising representatives from the Polish embassy, the Austrian Consulate in Chicago, and the Delegation of the European Union to the United States—tapped Pitt's EUCE for the award. Pitt's EUCE will be featured in promotional materials to be distributed domestically and throughout the European Union in an effort to promote EUCEs in the United States.

For more information about Pitt's EUCE, visit [www.ucis.pitt.edu/euce](http://www.ucis.pitt.edu/euce).

## For Third Consecutive Year, Pitt Seniors Receive Whitaker Scholarships For International Research and Study

By Patricia Lomando White

University of Pittsburgh seniors Wayne Dailey, Laura Dempsey, and Danielle Rager have been named recipients of the 2012 Whitaker International Fellows and Scholars Program award, designed to bring international experience and insight to the field of biomedical engineering. This is the seventh year of the Whitaker award competition and the third year Pitt students have applied.

Daily, Dempsey, and Rager are among 45 predoctoral Whitaker Fellowship winners nationwide. In addition, Warren, Pa., native Nicole Ostrowski, a PhD student in Pitt's Swanson School of Engineering who earned her Bachelor of Science degree in materials science and engineering from Pitt, won a Whitaker Summer Grant award.

Beginning in 1975, The Whitaker Foundation supported the development and enhancement of biomedical engineering in the United States, contributing nearly \$700 million to universities. When the foundation closed in 2006, it committed its remaining funds to the Institute of International Education to create the Whitaker International Fellows and Scholars Program. Its goal is to enhance international collaborative ties between emerging leaders in the U.S. biomedical engineering field and their counterparts abroad.

With his Whitaker, Dailey, of Butler, Pa., will complete one year of research and study at the Imperial College of Science and Technology in London. Dailey will work with Etienne Burdet, an associate professor in human robotics and director of the Human Robotics Group at the Imperial College. The goal of Dailey's project is the development and clinical evaluation of a robotic hand module to help recovering stroke victims. The module is intended to assist patients as they grasp for objects.

**University of Pittsburgh seniors Wayne Dailey, Laura Dempsey, and Danielle Rager have been named recipients of the 2012 Whitaker International Fellows and Scholars Program award, designed to bring international experience and insight to the field of biomedical engineering.**

Because existing robotic hand systems are not wearable and therefore less natural and intuitive for patient use, Dailey will work to develop a smaller, less intrusive, and more natural system to aid in patient recovery.

Dempsey, of Bellvue, Colo., will work toward a Master of Philosophy degree in medical sciences at the University of Cambridge and will conduct research in that university's Clinical Neuroscience Department with Topun Austin, a consultant neonatologist in Cambridge's Department of Obstetrics and Gynaecology and Department of Paediatrics. The focus of Dempsey's research project is to develop a more comprehensive imaging system for diagnosing seizures in infants. (See profile of Dempsey, page 7.)

Rager, of Olney, Md., will travel with her Whitaker to Sydney, Australia, where she will work with Richard Vickery, senior lecturer in the Department of Physiology in the School of Medical Sciences at the University of New South Wales. Vickery's research group is developing a neutrally controlled prosthetic limb with tactile sensation. Rager has conducted research in sensory restoration in Pitt's Human Rehabilitation and Neural Engineering Laboratory; she has also worked with the Defense Advanced Research Projects Agency Revolutionizing Prosthetics Initiative at Johns Hopkins University Applied Physics Laboratory in Laurel, Md.

During Pitt's commencement ceremony today, Dailey will receive a Bachelor of Science degree in electrical engineering from the Swanson School.

Dailey's experience includes research and work at the Medical Devices Laboratory in the Pitt-UPMC McGowan Institute for Regenerative Medicine and at Keystone Ridge Designs, Inc., in Butler. This past

*Continued on page 11*

## Pitt 2011 United Way Campaign Raises \$616,751, Surpassing Previous Year's Total

By Patricia Lomando White

University of Pittsburgh faculty, staff, and retirees once again demonstrated their dedication to the larger Pittsburgh community with donations totaling \$616,751 to the "Live United for a Greater Pittsburgh," United Way's 2011 fundraising campaign. The total is up more than \$6,000 from the previous year.

Faculty and staff contributed \$576,981 to the campaign, retirees gave \$26,715—an increase of \$7,125 from 2010—and \$13,053 was garnered from special events. There also were 719 new donors to the campaign. Of particular note is Pitt's union participation, which increased from 18 in 2010 to 108 in 2011, more than a 500 percent jump. In addition, a total of \$300,503 was directed to the United Way Impact Fund, reflecting a \$21,203 increase from Pitt's 2010 gift.

"The 2011 Pitt United Way Campaign is a clear demonstration of our commitment to the people in our region who need the support of the agencies that receive United Way funds," said Anne Franks, manager of Pitt's campaign and executive director of administration in Pitt's Office of Institutional Advancement (IA). "People from all areas of the University recognize that even with the challenges we face here at Pitt, there are those in our community who are in greater need."

Pitt's United Way effort is guided by the campaign's steering committee. In addition to Franks, who has managed Pitt's campaign

for seven years, Michelle Page, human resources manager for IA, serves as Pitt's campaign coordinator. Pitt 2011 campaign cochairs were G. Reynolds (Renny) Clark, vice chancellor for community initiatives and chief of staff for Chancellor Mark A. Nordenberg, and Margaret C. McDonald, associate vice chancellor for academic affairs for the schools of health sciences.

"This campaign could not be successful without the leadership and hard work of the more than 400 coordinators

and representatives across the University who use their creativity, perseverance, and skills to conduct the individual campaigns in their departments," Franks noted. "They are our heroes; they take on added work; they encourage their colleagues and generate enthusiasm for the campaign."

United Way of Allegheny County is known as a change agent and efficient community fundraiser whose mission is to improve lives by addressing critical community needs. By convening diverse partners and investing in programs and people to advance solutions, United Way works to create long-lasting change, help children and youth succeed, strengthen and support families by promoting financial stability, ensure the safety and well-being of vulnerable seniors, and provide countywide access to information and referral sources meeting basic needs.



**"People from all areas of the University recognize that even with the challenges we face here at Pitt, there are those in our community who are in greater need."**

—Anne Franks

## Pitt to Confer 6,000 Academic Degrees

*Continued from page 2*

own commencement ceremonies. For more information, visit the 2012 Commencement Web site at [www.pitt.edu/commencement](http://www.pitt.edu/commencement).

From the position of U.S. Army staff nurse in 1982, Horoho has risen to serve in many leadership roles, including commander of the Western Regional Medical Command in Fort Lewis, Wash.; commander of the Madigan Army Medical Center in Tacoma, Wash.; commander of the Walter Reed Health Care System; and commander of the DeWitt Health Care Network at Fort Belvoir, Va. She also was deputy surgeon general in the Office of the Surgeon General and 23rd Chief of the U.S. Army Nurse Corps, and she was deployed to Afghanistan as special assistant to the commander. While holding the rank of colonel, Horoho became the first woman and first nurse to command the Walter Reed Health Care System. She coordinated the health care needs of approximately 150,000 service personnel, family members, and retirees in the national capital area and oversaw an integrated health system that included its hub, Walter Reed Army Medical Center, and 10 military facilities in Maryland, Virginia, and Pennsylvania.

When two aircraft collided in midair at

Pope Air Force Base in 1994, Horoho was one of the first medical personnel to respond and triage the wounded, leading the emergency responders who cared for the critically injured soldiers. She also took charge of the wounded when terrorists crashed a plane into the Pentagon on Sept. 11, 2001, and was honored by Time Life Publications for her actions on that fateful day.

Horoho, a native of Fayetteville, N.C., and now a resident of Virginia, enrolled in Pitt's School of Nursing when she came to Pittsburgh to serve as nurse counselor of the 1st Recruiting Brigade. In addition to receiving her MS degree from Pitt, Horoho earned her BA degree from the University of North Carolina at Chapel Hill and is a resident graduate of the Army's Command and General Staff College and the Industrial College of the Armed Forces, where she earned a second MS degree in national resource

strategy.

A Pitt 2007 Legacy Laureate, Horoho was also honored as a 2012 Distinguished Alumni Fellow during the University's annual Honors Convocation on Feb. 24, an event that inaugurated Pitt's 225th anniversary celebration, which continues through Homecoming Weekend in October.

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## Two Pitt Students Receive DAAD Graduate Scholarships

By Patricia Lomando White

DAAD (German Academic Exchange Service/Deutscher Akademischer Austausch Dienst) has awarded two Pitt students the DAAD Graduate Scholarship for Study and/or Research.

Patrick Musgrave, a senior from McCandless Township, Pa., won the 10-month award for the 2012-13 academic year. A graduate

of North Hills High School, Musgrave earned a BS degree in mechanical engineering from the Swanson School of Engineering and a BS degree in physics as well as a German Certificate for Professional Purposes from the Kenneth P. Dietrich School of Arts and Sciences.

Vanessa Wills, from Philadelphia, Pa., was awarded a DAAD three-month award and will spend the summer conducting research in Berlin. She received her PhD in philosophy from the Dietrich School in December. Her dissertation focused on understanding the moral thought of the German philosopher and political theorist Karl Marx.

DAAD is the German national agency for the support of international academic cooperation that represents the German higher education system abroad. The service promotes Germany as an academic and research destination and helps build ties between institutions around the world. DAAD collaborates with partner universities across North America and offers a variety of educational and research opportunities, including the funding of long- and short-term study abroad, the facilitation of internships within German laboratories and research divisions, and academic exchanges for professors. Pitt is a DAAD partner university.

# DAAD

Deutscher Akademischer Austauschdienst  
German Academic Exchange Service

With his DAAD scholarship, Musgrave will work in Germany at the Technical University of Munich, researching piezoelectric materials and their use in energy-harvesting devices. Piezoelectricity is a material property allowing for the conversion of mechanical energy into electricity, and vice versa. Musgrave will be researching methods to

optimize a prototype designed to harvest energy from footsteps. When completed, the device will harvest the mechanical energy generated by foot

traffic and convert it into electricity to power lighting near the device. In addition, Musgrave also will enroll in two courses per semester at the university in the areas of control systems and sustainability.

Upon completion of the scholarship, Musgrave plans to pursue a graduate degree in the area of control systems followed by a career developing and implementing sustainable technologies.

Wills' research will tap into the extensive philosophical and historical archives and libraries available in Berlin. She also will collaborate with a group of researchers at Humboldt-Universität who are concerned with questions about human agency, which is the capacity for humans to make choices and to impose those choices on the world. Wills is approaching the question of how to understand human capacities from a Marxian perspective, and her contribution will add a new voice to the research group's diversity of strengths and perspectives.

Following her summer of DAAD research, Wills will begin working as an assistant professor of philosophy at Saint Joseph's University in Philadelphia.

## Pitt Students Present Their Work at National Conference on Undergraduate Research

By B. Rose Huber

Eleven Pitt undergraduate nursing students presented research at the 26th Annual National Conference on Undergraduate Research (NCUR) held at Weber State University in Ogden, Utah, March 29-31. The research presented there included topics related to quality of life for those with memory loss, augmentative and alternative communication tools for nonspeaking patients, symptom experiences for women undergoing chemotherapy for breast cancer, and the impact of text messaging on healthy dating relationships.

"We are very proud of our students from the School of Nursing who presented their research to a national audience of their peers this year," said Pitt Provost and Senior Vice Chancellor Patricia Beeson. "They represent the many talented undergraduates engaged in research throughout the University with their exceptional work, dedication, and enthusiasm."

Founded in 1987, NCUR promotes undergraduate research, scholarship, and creative activity across all fields, bringing together participants from more than 300 national colleges and universities. The organization's national conference attracts more than 2,000 undergraduate and faculty

participants, the largest such symposium in the country.

Students presenters and their faculty advisors follow.

**Ryan Curran** and **Bona O. Hong** (Ann Mitchell, Health Community Services, School of Nursing)

**Dominique Dela Cruz** and **Ju Hae Hwang** (Rose Constantino, Health Community Services, School of Nursing)

**Samantha Kuntz** (Judith Erlen, Health Community Services, School of Nursing)

**Rebecca Nock** (Mary Beth Happ, Acute and Tertiary Care, School of Nursing)

**Jaelyn Primavera**, **Emily Brown**, and **Rebecca Sponberg** (Chao Hsing

Yeh, Health Promotion and Development, School of Nursing)

**Judy Stricker** (Margaret Rosenzweig, Acute and Tertiary Care, School of Nursing)

**Hope Welz** (Susan Cohen, Health Promotion and Development)

Project abstracts and more information are available on the NCUR 2012 conference Web site at <http://www.weber.edu/ncur2012/>.

More information on undergraduate research at Pitt is available on the University's Web site at [www.undergraduateresearch.pitt.edu](http://www.undergraduateresearch.pitt.edu).



## Pitt's Phi Beta Kappa Chapter Inducts 113 Into 2012 Class

The University of Pittsburgh chapter of Phi Beta Kappa inducted 113 Pitt students into its 2012 class during an April 28 initiation ceremony in the William Pitt Union Assembly Room.

Founded in 1776 at the College of William and Mary, Phi Beta Kappa is America's oldest college honor society. Election to Phi Beta Kappa is considered by many to be the most prestigious honor of academic excellence that can be conferred upon students majoring in one of the liberal arts and sciences. Among the organization's past inductees are 17 U.S. Presidents, 38 U.S. Supreme Court Justices, and 136 Nobel Laureates.

Local chapters work within the organization's national guidelines to establish their own criteria for election to the society. At Pitt, eligibility requirements include, among others, proficiency in a foreign language as well as completion of a demanding, broadly distributed program of course work spanning the humanities, social sciences, and natural sciences.

Completing a well-distributed program of course work is more important than a 4.0 grade point average. Grade point average requirements range from 3.5 to 3.9, with



the lower criterion applying to students who have earned at least 90 liberal arts credits at Pitt and the higher criterion applying to those who have earned 60 liberal arts credits at Pitt.

### Pitt's Phi Beta Kappa Class of 2012 inductees are:

Valerie Alstadt	Azad Hirpara*	Harolyn Phillips
Danielle Arbogast	Daniel Hoffman	Valerie Pierpoint
Cheryl Augenstein	Carolann Howard	Amy Pignataro
Megan Ault	Hao Hua	Allison Plummer
Elizabeth Barrington	Anneka Jankowiak	Vincent Pronesti
Olivia Beaubrun	Qinyi Jiang	Chen Qian
Jason Bigenho	Morgan Kain	Priya Raghavan
Kaitlin Brown	Ian Kang	Preethi Rajendran
Suzanne Cake	Adnan Kazim	Sean Rigby
Anne Caruso	Lorraine Keeler*	Cory Rodgers
Hatim Chafi	Gail Kim	Heather Ross
Brittany Charsar*	Miranda King	Nikita Roy
Caitlin Cocilova	Arielle Klein	Anneliese Ruggeri
Alexander Cornhill	Kathleen Kolumban	Suman Sajjan
Andrew Coulter	Andrea Kostura	Raul Sanchez
Ryan Demkowicz	Samantha Larsen*	Rachel Schoenburg
Mark Dietrich	Neil Lax	Alexandra Spallone
Genevieve Dobihal	Ly Li	Raymond St. Marie
Thomas Dohle Jr.	Niamh Linehan	Michael Stefanowicz
Brandon Ellis	Ashley Lippert	Brenna Sweetman*
Andrew Espenlaub	Rene Lloyd	Lauren Taylor
Brian Faber	Cory Malagise	Rebecca Toole*
Devin Fabian	Sarai Martinez-Suazo	Eric Torres
Heather Fagan	Keely McCaskie*	Jacob Volpe
Jessica Ferraro	Brianna McDonough	Erin Walker
Joseph Filippini	John McElhattan*	Caroline West
John Galebach	Maureen McGowan	Alyssa Willig
Collin Gannon	Gregory McKee	Alan Wilson
Thomas Gerber	Thomas Michalik*	Kathleen Wilson
Brittney Gewolb	Aaron Middleton	Alexis Wnuk
Michael Gowen	Lindsay Miller	Stephanie Wprostok
Akash Goyal*	Jessica Minsky	Victoria Wytiaz*
Paige Griffiths	Elizabeth Mitgang	Wen Xu
Annie Gula*	Bailey Moorhead	Young-Gyue Yi
Ragini Gupta*	Ross Morgan III	Richard Zou
Katrina Han	Patrick Musgrave	
Roman Harlovic	Christopher Nolan	(* indicates Pitt junior)
Mary Hegarty	Diana Pak	
Brooke Heyman	Andrew Pelesko	

# Newsmakers

## OCC HONORARY SOCIETY



JIM BURKE/CODE

The green cords of distinction worn by some Pitt graduates today indicate completion of the University's Outside the Classroom Curriculum (OCC). OCC began at Pitt in 2008 as an initiative to help students fully participate in college life and prepare for their futures. A wide range of activities earns OCC credits, and students' participation is documented on their academic transcripts. Once a student has fulfilled the OCC requirements, he or she receives a green cord of distinction for commencement and, if desired, can seek induction into the Honorary Society. About 285 students have completed the curriculum this year, 206 of whom have been inducted into the Honorary Society. An estimated 183 seniors have earned their cords of green, which represent Pitt's colors, blue and gold, blended to symbolize the education of the whole student. Pictured, from left, are OCC Honorary Society officers and graduating seniors Mark Hennessy, vice president of membership; Samantha Bertocchi, secretary; Glyn Cozart, president; and Britta Anderson, vice president of programs. Not pictured is Emily Hoover, business manager.

# Pitt Seniors Receive Whitaker Scholarships

Continued from page 9

term, Dailey served as a teaching assistant for the Analysis and Design of Analog Integrated Circuits course in the Swanson School's Department of Electrical and Computer Engineering.

A University Honors Scholar, Dailey is a member of Sigma Xi—The Scientific Research Society and the Institute of Electrical and Electronics Engineers. His awards include a Swanson School of Engineering Research Fellowship, a Swanson School of Engineering Scholarship, a 2011 University Scholar award, and Best Scientific Poster of an Interdisciplinary Nature for Pitt's Science2011—NextGen Undergraduate Poster Session from the Sigma Xi Research Society Pittsburgh Chapter. Dailey, who enjoys such nontechnical reading as classical literature, Shakespeare, and science fiction, has made Pitt's Dean's List every term of his undergraduate career.

Dempsey also graduates today with a Bachelor of Science degree in bioengineering from the Swanson School and a Bachelor of Arts degree in studio arts with a minor in chemistry from Pitt's Kenneth P. Dietrich School of Arts and Sciences.

Rager will receive today a Bachelor of Science degree in bioengineering from the Swanson School. Her concentration is in biosignals and imaging and neural engineering with minors in neuroscience

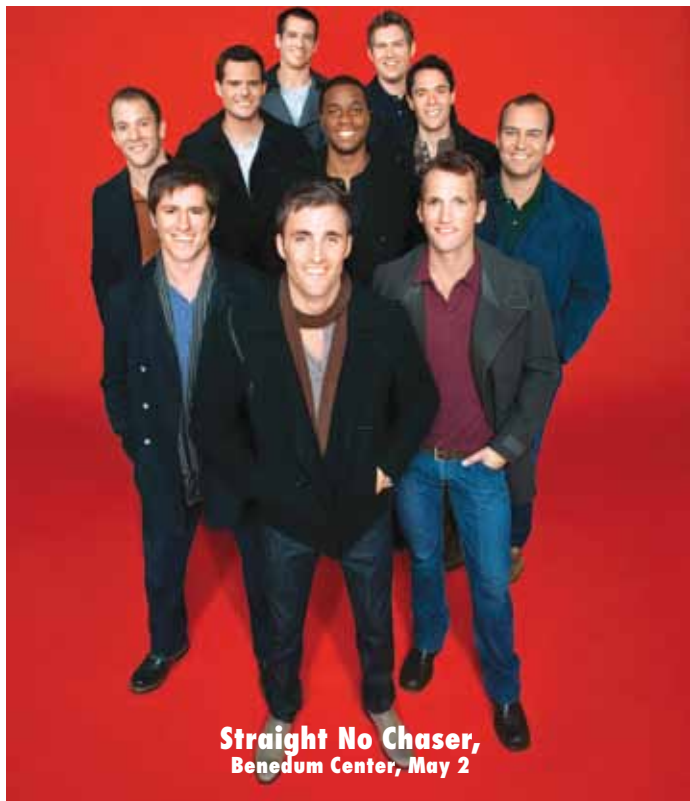
and music.

Rager has had a wide range of research experiences. She participated in Plus3 Germany, where she researched and visited prominent German engineering companies, including Audi and Siemens. She coauthored a research paper with University of Augsburg and Pitt business students. In 2010, Rager demonstrated the government computer security Information Sharing and Collaboration Environment on behalf of the United States Computer Emergency Readiness Team to more than 100 government officials at the Sixth Annual Government Forum of Incident Response and Security Team National Conference.

Among Rager's honors are receiving the Undergraduate Program in Neural Computation Fellowship from the Pitt-Carnegie Mellon University Center for the Neural Basis of Cognition, a Swanson School of Engineering Scholarship, a Pitt University Honors College Scholarship, the Gerlowski Scholarship for Excellence in Violin Performance, and the George Washington University School of Engineering and Applied Science Medal. She is a member of the Pitt Student Chapter of the BioMedical Engineering Society and the Center for Neural Basis of Cognition Computational Neuroscience Journal Club.

**Beginning in 1975, The Whitaker Foundation supported the development and enhancement of biomedical engineering in the United States, contributing nearly \$700 million to universities.**

# Happenings



**Straight No Chaser, Benedum Center, May 2**

600 Penn Ave., Downtown, BNY Mellon Grand Classics, Pittsburgh Symphony Orchestra, 412-392-4900, www.pittsburghsymphony.org, PITT ARTS Cheap Seats, 412-624-4498, www.pittarts.pitt.edu.

**An Evening with Yanni**, world-renowned contemporary music performer and composer, 8 p.m. **May 9**, Benedum Center, 237 7th St., Downtown, Cohen & Grigsby Trust Presents Series, Pittsburgh Cultural Trust, 412-456-6666, www.trustarts.org, PITT ARTS Cheap Seats, 412-624-4498, www.pittarts.pitt.edu.

**The Temptations and the Four Tops**, two of America's most iconic R&B/Soul bands, 7 p.m. **May 13**, Benedum Center, 237 7th St., Downtown, Cohen & Grigsby Trust Presents Series, Pittsburgh Cultural Trust, 412-456-6666, www.trustarts.org.

**An American in Paris**, Manfred Honeck, conductor, Anne Martindale Williams, cello, performing works by Stravinsky, Honegger, and Gershwin, **May 11-13**, Heinz Hall, 600 Penn Ave., Downtown, BNY Mellon Grand Classics, Pittsburgh Symphony Orchestra, 412-392-4900, www.pittsburghsymphony.org, PITT ARTS Cheap Seats, 412-624-4498, www.pittarts.pitt.edu

**Cirque de la Symphonie**, strongmen, magicians, and aerial specialists perform feats of daring while the PSO performs favorite works by Tchaikovsky, Saint-Saëns, and Khachaturian, 8 p.m. **May 12**, Heinz Hall, 600 Penn Ave., Downtown, PNC Pittsburgh Symphony Pops, Pittsburgh Symphony Orchestra, 412-392-4900, www.pittsburghsymphony.org, PITT ARTS Cheap Seats, 412-624-4498, www.pittarts.pitt.edu.

## Exhibitions

**Carnegie Museum of Art, Impressionism in a New Light: From Monet to Stieglitz**, features more than 150 works by many of the most important artists of the late-19th and early-20th centuries, **May 12-Aug. 26**; **Maya Lin**, recreations of natural forms transformed into objects of contemplation, **through May 13**; **Duncan Campbell**, filmic portraits, each unraveling historical narrative through one protagonist, **through July 8**; **Henri Matisse: The Thousand and One Nights**, multipanel, painted



**Josh Gibson: Negro League Legend, August Wilson Center for African American Culture, through June 30**

paper cut-out, created when the artist was 81 and confined to his bed, **through July 15**, 4400 Forbes Ave., Oakland, 412-622-3131, www.cmoa.org.

**The Warhol**, *About Face*, a series of three-dimensional large-format portraits by photographer Anne Svenson; *Warhol and Cars: American Icons*, examining Warhol's enduring fascination with automobiles as products of American consumer society, both **through May 13**, 117 Sandusky St., North Side, 412-237-8300, www.warhol.org.

**The Frick Art & Historical Center**, *Draw Me a Story: A Century of Children's Book Illustration*, survey of drawing styles and techniques spanning more than 100 years, including watercolors, pen drawings, and experimental combinations from artists like Randolph Caldecott, Chris van Allsburg, Ernest Shepard, and Maurice Sendak, **through May 20**, 7227 Reynolds St., Point Breeze, 412-371-0600, www.thefrickpittsburgh.org.

**August Wilson Center for African American Culture**, *Josh Gibson: Negro League Legend*, features a 100-year timeline and photographs of the life of Negro League baseball player Josh Gibson and his continuing legacy, **through June 30**; *Strength in the Struggle: Civil Rights*, featuring two distinct displays with text, photography, memorabilia, and film related to the civil rights movement and women's movement in Pittsburgh and the nation from 1967 to 1987, **through June 30**, 980 Liberty

Ave., Downtown, 412-258-2700, www.augustwilsoncenter.org.

**Carnegie Museum of Natural History**, *Warhol's Cats and Dogs Series*, **through June 30**; *Mis for Museum*, **through Aug. 30**, 4400 Forbes Ave., Oakland, 412-622-3131, cmnhweb@carnegiemn.org.

## Opera/Theater/Dance

**The Abduction From the Seraglio**, Mozart opera about the adventures of a young Spanish nobleman, his lover, and their servants who are kidnapped and placed into a Pasha's service, **May 1, 4, and 6**, Benedum Center, 237 7th St., Downtown, Pittsburgh Opera, 412-281-0912, www.pittsburghopera.org, PITT ARTS Cheap Seats, 412-624-4498, www.pittarts.pitt.edu.

**Legally Blonde**, award-winning Broadway musical based on the hit film, **May 3-6, 11-13**, Byham Theater, 101 Sixth St., Downtown, Pittsburgh Musical Theater, Pittsburgh Cultural Trust, 412-456-6666, www.trustarts.org, PITT ARTS Cheap Seats, 412-624-4498, www.pittarts.pitt.edu.

**In The Next Room** by Sarah Ruhl, Victorian physician Dr. Givings treats "female hysteria" patients with a new electric invention, while in the next room his wife yearns for what's missing in their marriage, **through May 5**, Stephen Foster Memorial, Pittsburgh Irish & Classical Theatre, 412-561-6000, www.picttheatre.org, PITT ARTS Cheap Seats, 412-624-4498, www.pittarts.pitt.edu.

**Ruthless! The Musical**, featuring crazy antics of a homicidal eight-year-old aspiring actress, **through May 6**, CLO Cabaret, 655 Penn Ave., Downtown, Pittsburgh CLO Cabaret, www.pittsburghclo.org, 412-325-6766, PITT ARTS Cheap Seats, 412-624-4498, www.pittarts.pitt.edu.

**Around the World in 80 Days**, classic Jules Verne novel brought to theatrical life, **through May 13**, O'Reilly Theater, 621 Penn Ave., Downtown, Pittsburgh Public Theater, 412-316-1600, www.ppt.org, PITT ARTS Cheap Seats, 412-624-4498, www.pittarts.pitt.edu.

## Concerts

**The Priests in Concert**, a singing trio of priests from Northern Ireland leading a classical music ensemble, 7:30 p.m. **April 29**, Byham Theater, 101 Sixth St., Downtown, Cohen & Grigsby Trust Presents Series, Pittsburgh Cultural Trust, 412-456-6666, www.trustarts.org, PITT ARTS Cheap Seats, 412-624-4498, www.pittarts.pitt.edu.

**The Magic of Paris**, Gianandrea Noseda conducting works by Respighi, Debussy, and Falla, **through April 29**, Heinz Hall, 600 Penn Ave., Downtown, BNY Mellon Grand Classics, Pittsburgh Symphony Orchestra, 412-392-4900,

www.pittsburghsymphony.org, PITT ARTS Cheap Seats, 412-624-4498, www.pittarts.pitt.edu.

**Straight No Chaser**, popular male a cappella group, 8 p.m. **May 2**, Benedum Center, 237 7th St., Downtown, Cohen & Grigsby Trust Presents Series, Pittsburgh Cultural Trust, 412-456-6666, www.trustarts.org.

**Debussy & Ravel's Bolero**, Manfred Honeck, conductor; Lise de la Salle, piano; and Mendelssohn Choir Pittsburgh, performing works by Debussy and Ravel, 8 p.m. **May 4-5**, Heinz Hall,



## And then there were 29 ... Pitt Dedicates Swiss Room

The University of Pittsburgh Swiss Nationality Room was dedicated April 22 during a ceremony in Heinz Chapel, followed by a reception in the Cathedral of Learning Commons Room. Planning for the room—the 29th of Pitt’s renowned collection of ethnic classrooms—began in 1988 with the formation of the Swiss Nationality Room Committee. Heinz W. Kunz, Pitt emeritus faculty member and former honorary consul for Switzerland in Pittsburgh, chairs the committee; Pittsburgh Steelers quarterback Ben Roethlisberger is an honorary member.

**1.** Swiss Bernese mountain dogs led invited guests from Heinz Chapel to the reception and tours of Room 321 in the Cathedral. **2.** E. Maxine Bruhns, director of the Nationality Rooms Program, addressed guests in Heinz Chapel. **3.** The Swiss Room design was inspired by a room from Fraumünster Abbey in Zürich, built in 1489. The classroom features four handmade trestle tables and 26 “Stabellen” chairs, representing Switzerland’s four linguistic regions and 26 “cantons” (states). Stained-glass windows display the coats of arms of Switzerland’s first cantons, which united in 1291 to form the nucleus of what would become today’s Swiss Confederation. A hand-carved-and-painted frieze encircles the classroom and includes representations of the flora, fauna, and people of Switzerland.



PHOTOS BY ALEXANDER PATIHO

## PittChronicle

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**PUBLICATION NOTICE** The next edition of *Pitt Chronicle* will be published May 14. Items for publication in the newspaper’s *Happenings* calendar (See page 11) should be received at least two weeks prior to the event date. *Happenings* items should include the following information: title of the event, name and title of speaker(s), date, time, location, sponsor(s), and a phone number and Web site for additional information. Items may be e-mailed to [chron@pitt.edu](mailto:chron@pitt.edu), or sent by campus mail to 422 Craig Hall. For more information, call 412-624-1033 or e-mail [robinet@pitt.edu](mailto:robinet@pitt.edu).