

Chang, Moore, and Strick Are Elected To National Academy of Sciences



Yuan Chang



Patrick S. Moore



Peter Strick

By Anita Srikameswaran

In recognition of their scientific contributions and accomplishments, three University of Pittsburgh faculty members have been elected to membership in the prestigious U.S. National Academy of Sciences (NAS), which was established by President Abraham Lincoln in 1863 to provide independent advice to the government on matters related to science and

technology.

Elected were the Pitt School of Medicine's Yuan Chang, Distinguished Professor and American Cancer Society Professor in the Department of Pathology, and Patrick S. Moore, Distinguished Professor and American Cancer Society Professor in the Department of Microbiology and Molecular Genetics, who together identified two of the seven

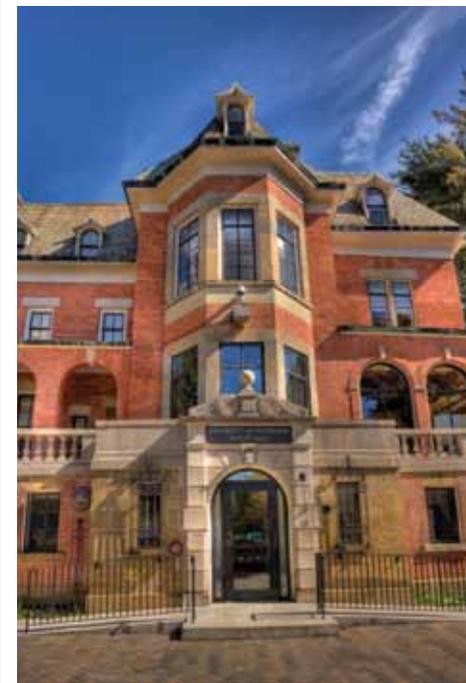
known human cancer-causing viruses; and Peter Strick, Distinguished Professor in the Department of Neurobiology, whose focus is on understanding the neural circuitry that controls voluntary movement.

The three Pitt Distinguished Professors were among 84 new members and 21 foreign associates from 15 countries who were recognized this year for "their distinguished and continuing achievements in original research," according to the NAS announcement, which added, "Election to the Academy is considered one of the highest honors that can be accorded a U.S. scientist or engineer."

Pitt had the third-highest number of newly elected members of the National Academy of Sciences among U.S. institutions of higher education, tied with Columbia University, Johns Hopkins University, the Massachusetts Institute of Technology, the University of California-San Diego, the University of Pennsylvania, and the University of Washington. Among the universities with fewer newly elected members were Cornell, Harvard, Michigan, Ohio State, Vanderbilt, and Yale; only three had more

Continued on page 2

Administrative Functions Of Bradford, Titusville Campuses Realigned



McKinney Hall on the Pitt-Titusville campus

By John Harvith

As part of the University of Pittsburgh's ongoing efforts to reduce costs in the face of sharply declining state support, a significant administrative realignment is taking place at the University's Titusville and Bradford regional campuses, Pitt Provost and Senior Vice Chancellor Patricia E. Beeson announced May 7.

Effective immediately, both campuses will report to Livingston Alexander, who, as president of the University of Pittsburgh at Bradford since 2003, has been credited with strengthening that campus' position as an institution that provides access to students and fosters success among first-generation college students. Alexander will remain at the helm of Pitt-Bradford and also will become president of the University of Pittsburgh at Titusville. In addition, other major administrative functions for the two campuses will be centralized at the Bradford campus. David Fitz, currently the vice president for academic affairs at Pitt-Titusville, has been named interim campus dean at Pitt-Titusville, responsible for the campus' day-to-day operations and reporting directly to President Alexander.

"This realignment of administrative functions is a first step to reduce costs of operation and assess the viability of the Titusville campus in a time of dramatically reduced state support," Beeson commented.

"We did not make these decisions lightly," Beeson said in issuing her announcement. "As the result of unprecedented cuts from our Commonwealth appropriation this year and a proposal for further cuts in the coming year, we have been forced to examine areas of previous commitment, including our historic commitment to bring education to various regions and populations of Western Pennsylvania. We hope that by combining key administrative functions of these two regional campuses, we will be better positioned to continue providing educational opportunities in Titusville."

Continued on page 6

Peyman Givi Lands \$3.7 Million Grant to Simulate Turbulent Combustion in Aerospace Applications

By B. Rose Huber

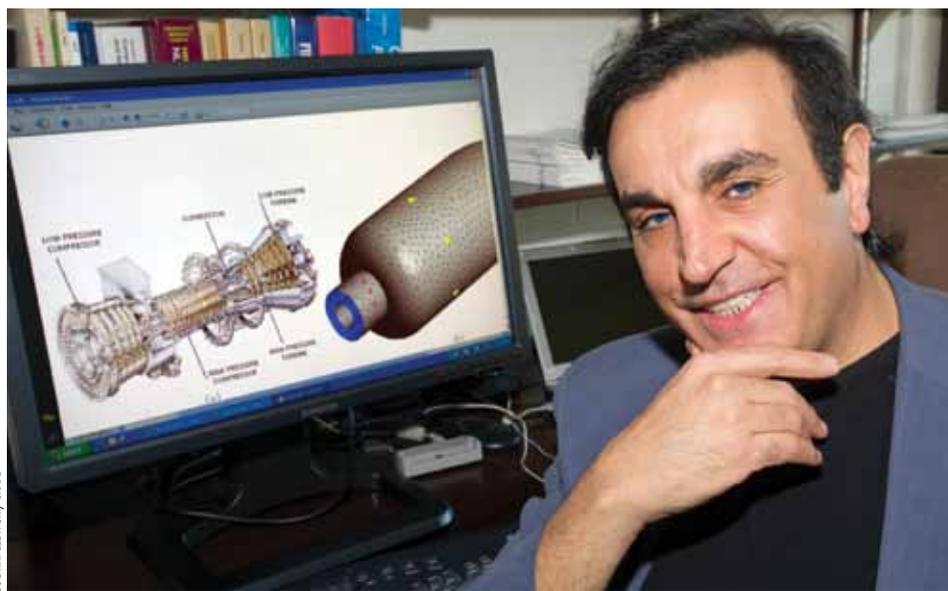
A research team at the University of Pittsburgh is developing quantum-computing algorithms to better model turbulent combustion in aerospace applications.

A \$3.7 million, five-year U.S. Air Force grant was awarded last month to principal investigator Peyman Givi, the James T. MacLeod Professor in the Swanson School of Engineering, who is working with faculty members from Pitt's Kenneth P. Dietrich School of Arts and Sciences and Center for Simulation and Modeling.

"Most people think of turbulence as unsettling or chaotic because of their experiences on planes," said Givi. "But when it comes to engines, the hope is to make it as turbulent as possible. It's like putting cream in your coffee. The more you mix it, the better it'll taste or perform."

The impetus for the Pitt team's research is centered on the fact that despite its emergence more than two decades ago, quantum computing based on quantum mechanics hasn't been used in aerospace applications, said Givi. Because of the nondeterministic nature

of Givi's classical equations for turbulence, the Pitt research team—Pitt physics and astronomy professors Andrew Daley and Jeremy Levy and the Center for Simulation and Modeling research professor S. Levent Yilmaz—thought there might be a way to solve the equations on quantum computers, rapidly speeding up the process of modeling turbulent combustion.



Peyman Givi

"We've developed equations that can model turbulent combustion very accurately, and we've been successful in solving them on today's classical computers," said Givi. "Now, with the help of this grant, we will formulate these equations in such a way that they can be solved on quantum computers."

Because quantum computers have yet to be actualized, Daley and Levy will be looking at different concepts on how one might go about building quantum computers so the researchers can

make hardware that acts like a quantum machine. And even though Einstein himself advised scientists to avoid the unsolved field of turbulence, the team is hoping the use of quantum computing will make great strides toward solving the problem.

"If some of the things we are thinking do work and eventually we do achieve this, a process that could take weeks or months will transpire in minutes," said Givi. "It really is a quantum leap."

The Pittsburgh team also is leading a group involving researchers at the University of Wisconsin, Los Alamos National Laboratory, and the University of Vienna.



Chang, Moore, Strick Are Elected to NAS

Continued from page 1

new members—Berkeley and Princeton (four), and Stanford (six).

“To have a single faculty member elected to the National Academy of Sciences would be a cause for celebration, but to have three colleagues elected in a single year is a remarkable achievement,” said University Chancellor Mark A. Nordenberg. “More than anything, this is a well-deserved tribute to the pioneering work being done by Professors Chang, Moore, and Strick. It also is reflective of a culture that supports research of impact at Pitt and is a credit to the recruiting skills of Senior Vice Chancellor Dr. Arthur S. Levine, who has brought all five of the National Academy members in our School of Medicine to Pittsburgh.”

“Drs. Chang, Moore, and Strick are outstanding researchers who have greatly added to our understanding of challenging biological questions,” said Levine, who also is the dean of the School of Medicine. “Their election to the Academy is indicative of the quality of their research and the importance of their findings.”

Chang and Moore are coleaders of the Cancer Virology Program at the University of Pittsburgh Cancer Institute. In 1994, they discovered the virus known as Kaposi’s sarcoma-associated herpes virus, or herpesvirus 8, which causes Kaposi’s sarcoma, the most common AIDS-related malignancy. In

2008, they identified Merkel cell polyomavirus, which causes a rare and deadly skin cancer called Merkel cell carcinoma. Both received their medical degrees from the University of Utah College of Medicine.

Strick is director of the Systems Neuroscience Institute, codirector of the Center for the Neural Basis of Cognition, and a senior VA research career scientist within the VA Pittsburgh Healthcare System. Strick’s research investigates the neural circuits that are responsible for the control of voluntary movement, cognition, and affect. He developed the use of viruses with an affinity for neurons as a new technique for unraveling connections in the central nervous system. He received his doctorate in anatomy from the University of Pennsylvania.

The School of Medicine now is the professional home to five active NAS members, the largest number in its history. Susan G. Amara, the Thomas Detre Professor and chair, Department of Neurobiology, was elected in 2004, and Angela M. Gronenborn, the UPMC Rosalind Franklin Professor and chair, Department of Structural Biology, was elected in 2007. In addition, Pitt Distinguished Professor of Anthropology Robert D. Drennan in Pitt’s Kenneth P. Dietrich School of Arts and Sciences was elected an NAS member in 2004.

Andrew R. Blair, Pitt Vice Provost for Faculty Affairs, to Return to Faculty in September

By Sharon S. Blake

Andrew R. Blair, vice provost for faculty affairs at the University of Pittsburgh since 1999, will step down from his administrative role and return to the Joseph M. Katz Graduate School of Business as a professor of business administration and economics in September 2012, Pitt Provost and Senior Vice Chancellor Patricia E. Beeson announced May 10.

“I have known and admired Andy Blair for more than 25 years,” said Pitt Chancellor Mark A. Nordenberg. “I was first impressed by the important contributions that he made as a senior member of the leadership team in the Katz School and have worked even more closely with him during his distinguished service as vice provost for faculty affairs. Andy is an accomplished professional, a completely committed member of the Pitt community, and a person who is widely respected for his values.

That combination of qualities positioned him to help fuel Pitt’s progress, and we thank him for all of the many things that he has done to make our University a better and stronger place.”

“Andy has had 13 exemplary years of service as vice provost,” said Beeson in making the announcement. “During that time, he helped establish programs that fostered excellence in Pitt faculty and academic administrators, including orientation sessions for new faculty, department chairs, and senior administrators and annual retreats for department chairs.”

As vice provost, Blair worked closely with Pitt faculty and administrators as he oversaw established policies and procedures. He supervised the faculty appeal processes and the review of appointment, promotion, and tenure guidelines for compliance with University policy. He advised deans and

campus presidents on policies affecting faculty members, and he helped develop Pitt’s first guidelines governing the appointment of postdoctoral scholars and associates and research associates. He also was responsible for monitoring the annual faculty review process and overseeing the faculty evaluations of deans and department chairs.

As chair of the Provost’s Advisory Council on Instructional Excellence and through his work with the Center for Instructional Development and Distance Education, Blair contributed to the development and success of such programs as the Innovation in Education Awards, which foster collaboration among Pitt faculty in developing innovative teaching methods.

Prior to assuming the position of vice provost, Blair served as associate and then executive associate dean of the Katz School and as

director of the International Business Center and the Center for International Enterprise Development. During the 1990s, he was significantly involved in Central Europe’s transition to market-oriented economies, serving as one of the Katz School’s principal representatives to three new Western-style management programs that the school helped to found.

Blair joined the Katz School faculty in 1971, after serving on the faculty for a decade at Fordham University, where he earned his bachelor’s, master’s, and PhD degrees in economics.

Blair will continue to serve in the Office of the Provost during the Fall Term on a reduced basis to assist during the transition to a new vice provost for faculty affairs; a screening committee will be formed soon with the intention of naming Blair’s successor.



Andrew R. Blair

Provost’s ACIE Selects 7 Proposals for 2012 Innovation in Education Awards

The University of Pittsburgh Office of the Provost’s Advisory Council on Instructional Excellence (ACIE) has selected seven teaching proposals to fund under the 2012 Innovation in Education Awards Program.

The awards, begun in 2000 by then-Pitt Provost and Senior Vice Chancellor James V. Maher, encourage instructional innovation and teaching excellence. The ACIE seeks to identify high-quality proposals that show promise for introducing innovative, creative approaches to teaching that can be adapted for use in other courses. Vice Provost for Faculty Affairs Andrew Blair, who chairs the advisory council, observed, “The Advisory Council continues to be impressed with the overall quality of the annual submissions under this program and was especially impressed with the quality of the seven that were recommended for funding.”

Winners of the 2012 awards and the titles and summaries of their proposals follow.

Peter Brusilovsky, professor of information science and intelligent systems, School of Information Sciences, “Engaging Students in Online Reading Through Social Progress Visualization.”

This project’s goal is to devise a method to encourage students to complete their required course readings—and to enable their professors to know whether the readings have been finished. Brusilovsky said his team will take an alternative approach, based on recent research, that will comprise three

steps: tracking a student’s online reading progress; presenting a student with his or her reading progress; and offering an interface to let students compare their progress with the class as a whole and the progress of individual peers. Brusilovsky said several classroom studies have shown that a combination of those approaches can increase by three- to four-fold the amount of student work that is completed on nonmandatory assignments.

Fiona E. Craig, professor of hematopathology in the Pitt School of Medicine’s Department of Pathology, “The Virtual Pathology Instructor (V-PIN).”

Changes in the way pathology, the study of disease, is taught in medical and dental schools have made it difficult for students to become actively involved in the learning process. Craig’s project will develop an interactive pathology teaching tool, V-PIN, to engage students with real-life clinical scenarios, test comprehension of key concepts, offer

individual instruction, and provide immediate feedback. V-PIN builds on advances in computer-based pathology, including the ability to perform virtual microscopic examinations of slide images over the Internet. The tool will be evaluated during a pilot trial, where it will be used to prepare for small-group pathology sessions in a medical student course. Students will either perform

Continued on page 7

The awards, begun in 2000 by then-Pitt Provost and Senior Vice Chancellor James V. Maher, encourage instructional innovation and teaching excellence. The ACIE seeks to identify high-quality proposals that show promise for introducing innovative, creative approaches to teaching that can be adapted for use in other courses.

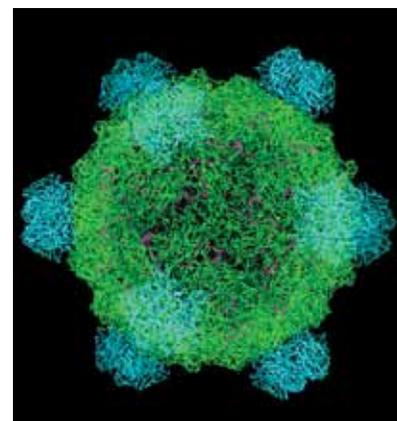
225 Stories to Celebrate

Redefining World Culture

In the 20th century, the amount of archaeological research conducted throughout the world surged. At Pitt’s Center for Comparative Archaeology, the goal is to turn raw data into knowledge.

One of the center’s tools for accomplishing this task is its Comparative Archaeology Database, an online resource for collecting and storing information gathered during archaeological fieldwork. This global database preserves our record of past civilizations and makes these records more widely available for future research.

Distinguished Professor of Anthropology Robert Drennan exemplifies the kind of comparative thinking encouraged by the database. In his work, Drennan compares the organization of communities in three areas in which he has done fieldwork: the Alto Magdalena Province in Colombia, the Hongshan culture in Northeastern China, and the Valley of Oaxaca in Mexico.



Comparative anthropological research at Pitt also benefits from faculty and students immersing themselves in particular geographic regions. Professor Joseph Alter, for instance, focuses on sexuality, masculinity, and the body in India, while Professor Emeritus L. Keith Brown has spent decades looking at the organization of small-town Japanese life in Mizusawa, a small city in Northeastern Japan.

PITT
225
YEARS
OF BUILDING
BETTER LIVES
1787-2012

For more stories about Pitt’s legacy of achievement or to share your own stories about the University, visit www.225.pitt.edu.



University of Pittsburgh and Electric Power Research Institute Researchers Develop Method to Fingerprint Air Pollution

By B. Rose Huber

A team of researchers from the University of Pittsburgh and the Electric Power Research Institute (EPRI) collected emissions samples from several power plant stacks in the United States and developed a unique method for detecting the isotopic signatures of nitrogen oxide (NO_x) emissions under different configurations. These isotopic signatures will be instrumental in helping to identify emission sources of air pollution across the nation.

NO_x emissions are formed during the combustion of fossil fuels in, for instance, internal combustion engines or power plants. NO_x emissions mix with organic gases in the atmosphere to form ozone and particulate matter, the main components of smog. These emissions eventually settle onto surfaces, and the deposited material, primarily nitrate, carries a measurable isotopic signature. However, until now, scientists were unable to fully interpret these signatures because they lacked the “fingerprints” of various NO_x emission sources.

Pitt and EPRI researchers developed a method of extracting NO_x emission samples from one of these sources—the stacks of coal-fired power plants—and measuring their isotopic composition. Sampling took place at facilities with and without advanced NO_x-reducing technologies. Researchers discovered that emissions from power plants employing the advanced NO_x controls had different proportions of the 15N atom in the NO_x they emitted than the plants without the advanced technologies or NO_x emissions from other sources. With this information, scientists will be able to analyze deposition samples and better determine the sources contributing to the deposited NO_x products.

“We’ve been mapping the isotopes of nitrogen oxide deposition products across the nation,” said principal investigator Emily Elliott, assistant professor in the Pitt Kenneth P. Dietrich School of Arts and Sciences Department of Geology and Planetary Sciences. “These ‘isoscapes’ can only be interpreted with fingerprint data like the isotopic signatures collected in this study.”

Pitt’s researchers modified existing EPA methods to collect NO_x from power plant stacks. Once collected, Elliott’s lab utilized bacteria to convert nitrate into a gaseous form for isotopic analysis. Prior to the coupling of these techniques, previous analytical approaches were both time- and

labor-intensive and precluded widespread characterization of environmental nitrate isotopes. The “Regional Stable Isotope Laboratory for Earth and Environmental Research” study directed by Elliott is now using these methods to examine isoscapes of nitrogen in air, water, and across ecosystems.

“Stable isotopes have been used successfully in science for a variety of purposes,” said Stephanie Shaw, senior project manager at EPRI. “The characterization of NO_x isotope geochemistry will allow researchers to determine how different sources and different emission-control technologies actually influence air quality.”

These results, combined with additional information from other NO_x sources, will allow scientists to look at rain samples and determine how much nitrogen comes from power plant stacks as opposed to how much comes from such other sources as motor vehicles, lightning, or soil. J. David Felix, a project team member and doctoral candidate at Pitt, is now working to identify the isotopic composition of other reactive nitrogen emission sources, including those produced in animal feed lots, fertilizer applications, and emissions produced by vehicles. The team is conducting a pilot study with Pitt’s School of Public Health to examine the isotopic composition of nitrogen oxides and determine their sources within the city of Pittsburgh, where exposures relevant to human health may be occurring.

Since incorporating low-NO_x combustors and emissions control technologies like SCR, power plant emissions have decreased by more than 40 percent since 2005 and nearly 70 percent since 1990. Power plant NO_x emissions are expected to continue to decline in future years.

“Based on these results, the overall isotopic composition of power plant NO_x emissions is expected to change and thus change the isotopic composition of nitrogen in environmental samples,” Elliott stated. “It was important for us to understand how the implementation of emission control technologies affects the isotopic nature of the NO_x being emitted in order to evaluate its fate in the atmosphere.”

The study was published in the March 2012 issue of *Environmental Science and Technology*. Funding for this study was provided by EPRI and the U.S. Department of Agriculture.



Emily Elliott

NAACP President Benjamin Jealous To Address Pitt’s Center on Race and Social Problems Celebration June 7

By Sharon S. Blake

Pitt’s Center on Race and Social Problems (CRSP) has devoted the last decade to bringing to the forefront countless social issues—ranging from discrimination in hiring to racial profiling—through research, major national conferences, summer institutes for social work professionals, and two popular lecture series featuring speakers from across the United States.

CRSP, based in Pitt’s School of Social Work, will celebrate its 10th anniversary from 5 to 8 p.m. June 7 in Pitt’s Alumni Hall. The free public event will feature a keynote address by Benjamin Jealous, the 17th president and CEO of the NAACP. Jealous’ talk is titled “Trayvon Martin: Racial Profiling and the Urgent Need to Heal America.” The doors open at 5 p.m., and the program is from 5:30 to 6:30 p.m. A reception follows the program. Those wishing to attend the event are asked to RSVP to crsp@pitt.edu.

CRSP was founded in 2002 by Pitt School of Social Work Dean and Donald M. Henderson Professor Larry E. Davis to conduct and then disseminate race-related research and to mentor emerging scholars. It focuses on race-related social problems in seven key areas—economic disparities; educational disparities; health; interracial group relations; mental health; criminal justice; and youth, families, and the elderly. In its first 10 years, CRSP’s many achievements include:

- Hosting the 2010 national “Race in America” conference, where solutions were proposed for some of society’s most pressing race-related problems;
- Launching in 2009 the groundbreaking academic journal *Race and Social Problems*, a multidisciplinary periodical with articles that address race and its relationship to today’s psychological, cultural, and socioeconomic problems;
- Hosting a major national conference in 2004, “Fifty Years After Brown: New Solutions for Segregation and Academic Underachievement,” with the goal of mapping a blueprint for tackling academic underachievement in the nation’s inner-city schools;
- Evaluating the Allegheny County Jail Collaborative and determining that providing services to Allegheny County Jail inmates while they are incarcerated

and after their release dramatically reduces recidivism;

- Creating graduate courses that have taken students to Cuba, Paris, and London to study firsthand those regions’ race issues;
- Offering summer institutes at Pitt to social workers, foundation leaders, and other professionals on topics ranging from gun violence to the involvement of Black parents in public education; and

• Inviting experts from across the United States to participate in CRSP’s free public lecture series in the spring and fall.

From his early days of organizing voter registration drives through his service as president and CEO of the NAACP, Jealous has been motivated by civic duty and a constant need to improve the lives of America’s underrepresented.

As a student at Columbia University, he worked in Harlem as a community organizer for the NAACP Legal Defense Fund. On campus, Jealous led schoolwide movements, including boycotts and pickets for homeless rights and a successful campaign to save full-need financial aid. These protests ultimately led to the suspension of Jealous and three other student leaders. Jealous used this time off to work as a field organizer helping to lead a campaign that prevented the State of Mississippi from closing two of its three public historically Black universities and converting one of them into a prison. He remained in Mississippi to take a job at the *Jackson Advocate*, an African American newspaper based in the state’s capital. His reporting was credited with exposing corruption among high-ranking officials at the state prison in Parchman. His investigations also helped to acquit a small Black farmer who had been wrongfully accused of arson.

In 1997, Jealous returned to Columbia University and completed his degree in political science. He was a Rhodes Scholar at Oxford University, where he earned a master’s degree in comparative social research.

During his career, Jealous also has served as president of the Rosenberg Foundation, director of the U.S. Human Rights Program at Amnesty International, and executive director of the National Newspaper Publishers Association (NNPA), a federation of more than 200 Black community newspapers. He has been president and CEO of the NAACP since 2008.



Benjamin Jealous

Newsmakers

TRITCH RECEIVES HISTORY MAKER AWARD



Pitt Chancellor Mark A. Nordenberg (right) presents Pitt Board of Trustees Chair Stephen R. Tritch (ENGR ’71, KGSB ’77) with a 2012 History Maker Award during the Senator John Heinz History Center’s 20th annual award dinner on April 13 at the Westin Convention Center Hotel. Tritch, the retired chair and CEO of Westinghouse Electric Company, won the award in the Business and Industry category. The History Center presents the honor annually to distinguished Pittsburghers for their exceptional contributions to the history of Western Pennsylvania, the nation, and the world.

COURTESY SENATOR JOHN HEINZ HISTORY CENTER

"Live a Better Life," U.S. Lt. Gen. Patricia Horoho Tells Graduates at 2012 Pitt Commencement

This is the print version of the April 29, 2012, University of Pittsburgh commencement address delivered by 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. Horoho 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. During the Commencement ceremony, Pitt conferred upon Horoho the degree of Doctor of Public Service Honoris Causa.

Thank you Chancellor Nordenberg, Provost Beeson, Dr. Smith [Jack Smith, president of the Pitt Alumni Association], distinguished alumni and faculty, guests, family members, friends, and, finally, the University of Pittsburgh graduating class of 2012. It is my honor to be here today. I am humbled to receive this honorary degree from this extraordinary institution and thank you for allowing me to be part of the commencement ceremony.

Also, thank you for allowing Congressman Murphy and me the honor of participating in the commissioning ceremony of nine University of Pittsburgh ROTC cadets yesterday. The Army is proud to welcome them as our newest lieutenants.

I recognize that the last few months here at the University have been difficult, with countless evacuations. Your presence here today, and that of your family and friends, reflects your resolve to challenge and overcome the efforts that have sought to disrupt student life. You celebrate not only the graduating class of 2012, but demonstrate the character of the University of Pittsburgh, the spirit of the city of Pittsburgh, and the resolve of America to overcome adversity.

I am deeply thankful for the opportunity to return to this University that I love.

And in case you think that "love" is too strong a word, let me reassure you, it is not. It was here at Pitt that I met the love of my life, my husband of 22 years, who taught military education here and who joined me walking around the campus yesterday. This is a very special place.

As I sat down to write this speech, I reflected upon the 225-year history of the University of Pittsburgh and my personal experience in those very seats [you are now occupying] 20 years ago. I can't remember who spoke at my graduation, so I am under no illusions that what I say will be remembered even an hour from now.

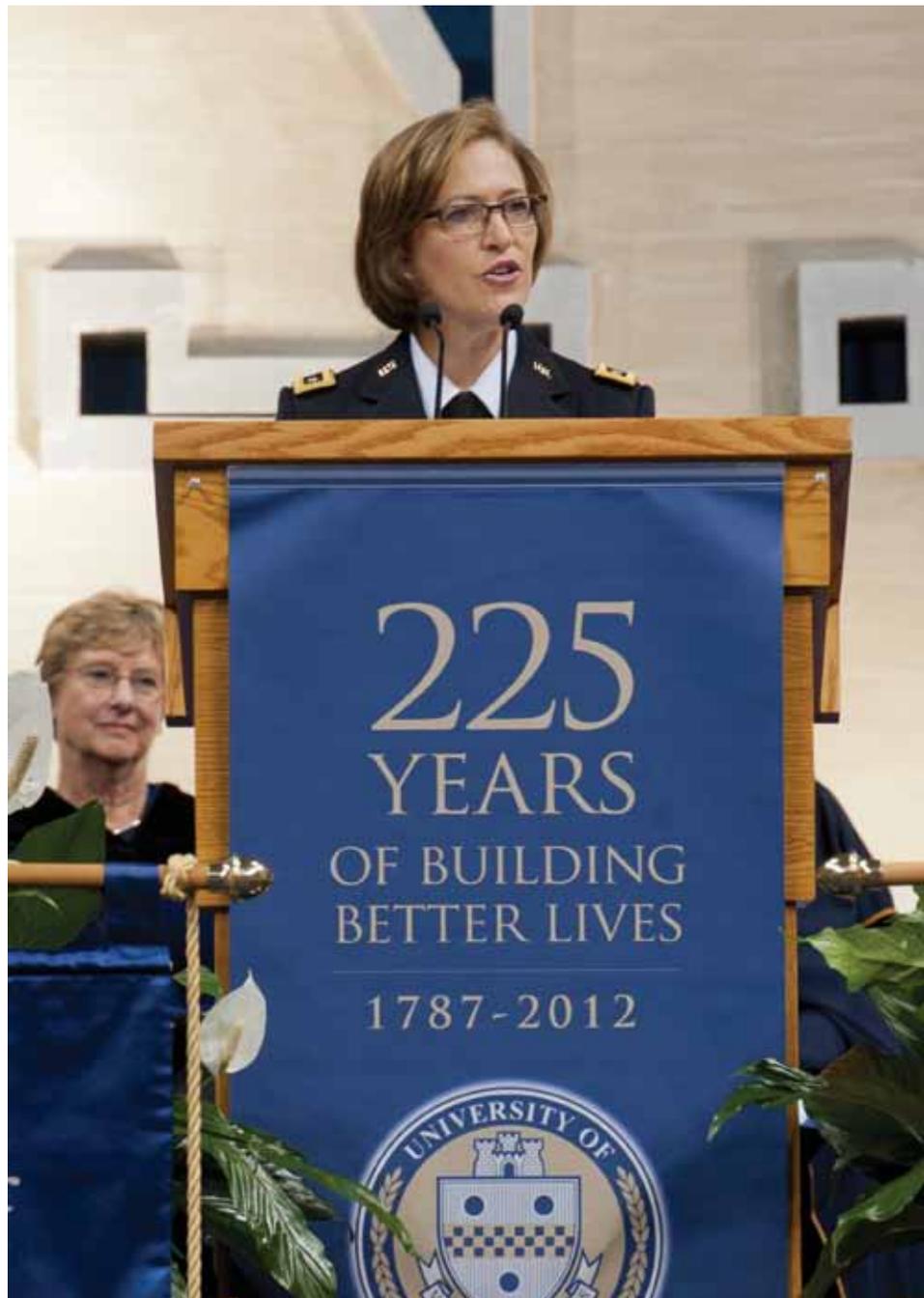
What I clearly can remember, even 20 years later, are the people from Pitt, my fellow students, friends, teachers, mentors, and the Pittsburghers who shaped my experience and whose influence continues to shape my life today.

Like me two decades ago, you stand with your toes dangling over the proverbial edge. Behind you are your formative years: your childhood, your education, your life to this point. My task today is to talk about what lies ahead as you step over the edge and into the next phase of your lives. And to reassure you that your feeling today of joy, confidence, and enthusiasm is a good thing. Hold on to it, and use it!

In 1992, at the age of 32, I left Pittsburgh with a master's degree in trauma nursing. I knew that I was on the path to bigger things, and I was open to new experiences. Maybe, I thought, if all goes well, I could be the chief nurse of a medical center.

I didn't leave here thinking, "I'm going to be a three-star general, medical advisor to the Secretary of the Army in a time of war, and the leader of one of the most comprehensive medical research and development programs in the world."

That was not the game plan when I



graduated.

There is no doubt—I have been on an exciting although admittedly unorthodox journey since I left Pitt.

I don't know precisely what each of you will face as you move on, but I do know this.

You are going to be challenged in ways that you simply cannot imagine—professionally and personally. Trust the journey.

The experiences of your time here at Pitt and your life experiences with your family and friends will be far more instrumental in how you respond to the challenges that await you than you can imagine today.

I didn't know—and never would have predicted—what I would face after walking off this campus.

Two years after graduating from Pitt, I was serving as the head nurse of the emergency room at Womack Army Medical Center in Fayetteville, North Carolina, the home of the 82nd Airborne Division. One spring afternoon, I was in the ER taking care of a sick child with a high fever and a concerned mom.

Suddenly, the ER "crash" phone went off. I was on the receiving end of one of those phone calls that you remember for the rest of your life.

A C-130 cargo plane and an F-16 fighter jet collided in midair. The C-130 was able to recover and land safely. The F-16 pilots ejected from their damaged jet, but their aircraft careened down the runway and collided with a cargo plane loading paratroopers for a training jump. More than 500 paratroopers were in the area when the cargo plane exploded in flames.

Within 15 minutes, casualties were

streaming through our hospital doors. Twenty-four soldiers lost their lives that day. Before the afternoon was over, we treated 134 severely burned young soldiers—men and women, younger than most of you graduating here today.

Little did I know that my experiences at this University, including what I thought was adversity, would prepare me for that day.

I had originally planned to do my master's thesis on "critical incident stress debriefing."

I don't know precisely what each of you will face as you move on, but I do know this. You are going to be challenged in ways that you simply cannot imagine—professionally and personally. Trust the journey.

I loved the subject. But, I couldn't gather enough patients to make this a valid research study.

My second research study subject was alternative treatments for severely burned patients. I couldn't complete this study either, due to a host of unforeseen circumstances.

Initially, I thought those two stalled efforts were an enormous waste of time and energy.

But right there, while I was standing outside Womack's emergency room doors, that knowledge, that hard work steeled me as young American soldiers with horrific wounds arrived needing a medical team that knew what worked best for burn victims. And, when the crisis was over, I understood that the injured, and those who cared for them, also needed attention of a different sort.

My education here at Pitt helped build the emotional armor I needed.

Don't ever forget that your education here—your triumphs and your setbacks—will have done the same for you. It has done more than made you smarter; it has made you stronger. It's made you ready. Ready to face the challenges and opportunities that await you. Your education has made you ready to be an active contributor building better lives ... a mission Pitt has been doing for 225 years.

Building—this is not a word used in the past tense. It tells us that the job of creating and renewing doesn't end. It never ends.

Better—this is a word filled with hope, filled with expectation and confidence that whatever we face, we can do better.

Lives—that's an important word. It's not better careers, or better paychecks, or better houses, but, rather—better lives.

What are the ingredients of a better life? Three simple things—service, health, and

Continued on page 5



Chancellor Mark A. Nordenberg with Lt. Gen. Horoho prior to Commencement on April 29

Commencement 2012

Continued from page 4

relationships.

Service comes in many forms.

Service requires that your work have meaning.

Theodore Roosevelt once said: “Far and away the best prize that life has to offer is the chance to work hard at work worth doing.”

I would submit that this statement embodies the character of Pittsburgh.

This city was founded on that principle. The men and women who built Pittsburgh—for some of you, your grandparents—literally helped build this country. They worked long days—in a city that needed streetlights on during the middle of the afternoon to see through the smog from the smokestacks of the steel mills—in order to defeat Nazism and Fascism.

That work had meaning.

This same spirit transformed Pittsburgh from its steel-mill days to its current status as an economic influencer in the fields of health care, education, technology, financial

My education here at Pitt helped build the emotional armor I needed. Don't ever forget that your education here—your triumphs and your setbacks—will have done the same for you. It has done more than made you smarter; it has made you stronger. It's made you ready. Ready to face the challenges and opportunities that await you. Your education has made you ready to be an active contributor building better lives ... a mission Pitt has been doing for 225 years.

services, and robotics.

So, if you are heading off to corporate America, provide economic stability to our nation and employment opportunities for a new generation. Wherever you work, make it have meaning.

If you are heading to the West Coast to work in the entertainment industry, PLEASE make us laugh, make us think, make us sing. Make it have meaning.

If you are heading down the street to UPMC or to any other health care organization across the nation, God bless you. There has never been a greater need for medical research and the delivery of quality care. It has meaning. Make it world-class.

The second step to a better life—health.

Your health—and the health of your family, friends, and community.

I'm a nurse. I've lived most of my life in hospitals.

Hospitals are not where health happens. They're where you go when health *doesn't*

happen.

There's a health crisis in this nation, not a hospital crisis. I strongly believe that our country must shift its focus from health care to health. We need to influence behaviors that occur outside of our hospitals and clinics, what I call the “white space.”

People who care about and attend to their health are stronger—not just physically, but mentally. Health is a key component to personal resiliency. You need to take charge of your health. It's going to help you build a better life, and you can positively influence those around you.

The third step to a better life—relationships.

Relationships matter.

Keep cultivating them, just as you did here at Pitt. Don't just take it from an alum who met her spouse at Pitt.

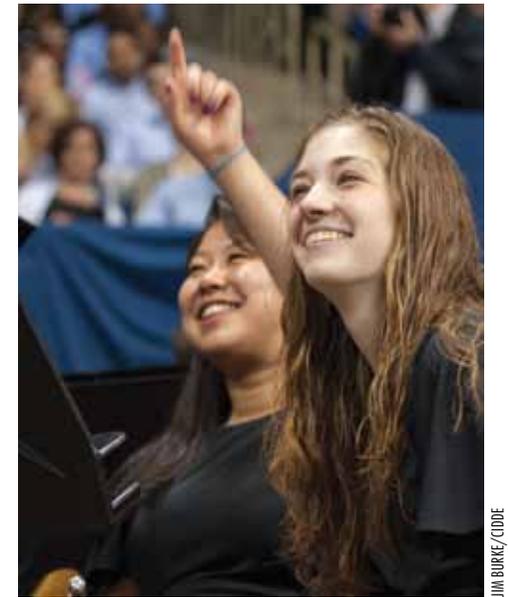
Studies bear this out.

One study I recently read about sought out the characteristics of the happiest 10 percent among us. The researchers found this—and I will quote it: “There was one—and only one—characteristic that distinguished the happiest 10 percent from everybody else: the strength of their social relationships.”

My life was enriched in each of these ways during my time at Pitt.

And, I will tell you that all of these things take work—to find the meaning in what you do; to focus on health as a personal goal; to sustain and expand your social relationships, not based on how many Facebook friends you have, but on meaningful, personal connections.

You will be a stronger and more resilient



JIM BURKE/CODE

person.

You will be an important member of your community.

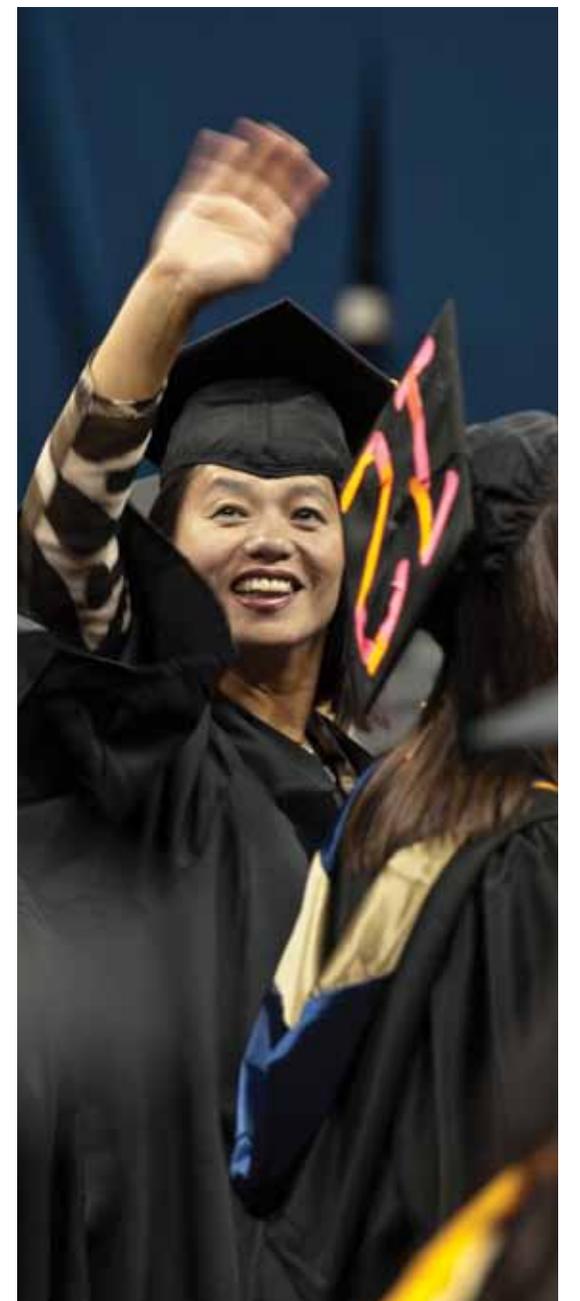
You will build a better life.

This University has built better lives over the past 225 years. You follow in a proud tradition.

You deserve the congratulations and the recognition that will be showered upon you.

You honor me by allowing me to share today with you.

Congratulations! God bless each of you, the University of Pittsburgh, and the United States of America.



PHOTOS BY JIM BURKE/CODE

Administrative Functions of Bradford, Titusville Campuses Realigned

Continued from page 1



Livingston Alexander

William Shields, who has served since 2005 as president of Pitt-Titusville and who also served as interim president of Pitt-Bradford, is being named an associate vice provost.

"We expect to take full advantage of the rich experience and expertise of Dr. Shields in his new role as he works with my office, the regional campus presidents, and the deans of the schools on the Pittsburgh campus to improve the coordination of academic programs across all five campuses," Beeson stated.

The University of Pittsburgh offers programs on five well-established Western Pennsylvania campuses—in Pittsburgh, Bradford, Greensburg, Johnstown, and Titusville. Pitt-Johnstown was established in 1927, and the Pitt campuses in Bradford, Greensburg, and Titusville were created in 1963.

Cuts to state support for Pitt in the current academic year totaled approximately \$67 million. Those cuts included a 19 percent reduction to the University's general appropriation and a 50 percent reduction to its academic medical center appropriations at the July 1, 2011, beginning of the fiscal year. These cuts exceeded \$40 million and represented a 22 percent reduction in the University's combined appropriations. Late in the fall, the University was notified that its capital projects support also would be reduced by 50 percent, or \$20 million. Then, in January 2012, the University was directed to put another 5 percent, or \$7 million, into "budgetary reserve," the equivalent of a midyear budget cut.

The budget proposed for the next fiscal year would further reduce Pitt's general appropriation by an additional 30 percent and its academic medical center appropriations by an additional 10 percent. When added together, these proposals would bring nearly \$42 million in additional cuts. These cuts would reduce Pitt's state appropriations, in absolute dollars, to levels that have not been seen since the mid-1980s, more than a quarter century ago and when the state's overall budget was about one-third its current size. These cuts would reduce Pitt's state appropriations, if adjusted for inflation, to the lowest level since Pitt became a public university in the mid-1960s.

The budget proposed for the next fiscal year also would completely eliminate a decade-old program that has allocated a portion of the Commonwealth's recovery from the tobacco settlement fund to forward-looking, health-related research. That program not only has advanced the cause of human health but also has stimulated economic growth throughout Pennsylvania by supporting research work in dozens of institutions. Through two competitive programs, one tied to levels of National Institutes of Health funding and the other tied to specific grant proposals reviewed by the state, Pitt has received research support of approximately \$13 million per year from

the tobacco settlement fund. The two-year total of cuts made and proposed for Pitt, then, is approximately \$120 million.

With nearly 36,000 students enrolled in its programs, Pitt is the largest provider of undergraduate, graduate and professional education in Western Pennsylvania. This spring, some 6,000 degrees were awarded in commencement ceremonies on its five campuses.

The University also sits at the heart of what the U.S. Department of Labor calls the education and health services "super-sector." This sector, also known as the "eds and meds," now is the largest employment sector in the Greater Pittsburgh Metropolitan Area. With nearly 13,800 employees, the University of Pittsburgh is the second-largest employer in the Pittsburgh region, trailing only UPMC.

In rankings recently released by the National Science Foundation, Pitt was one of the top five recipients of federal science and engineering research and development support—joining Johns Hopkins, the University of Washington, the University of Michigan, and the University of Pennsylvania in that select group. During the last fiscal year, Pitt's annual research expenditures exceeded \$800 million. Through those expenditures alone, Pitt supported, directly and indirectly, more than 28,000 local jobs. Pitt research also is viewed as one of the Commonwealth's most promising sources of new companies and new jobs as Pennsylvania moves further into the innovation economy of the 21st century.

Livingston Alexander

Livingston Alexander was named the third president of the University of Pittsburgh at Bradford on April 24, 2003, and officially began his duties on Aug. 1 of that year. Within a matter of weeks after assuming the presidency, Alexander had launched a campuswide strategic planning effort that resulted in a new vision for Pitt-Bradford, eight major strategic directions, and action plans to advance a very ambitious institutional agenda. Among the major accomplishments resulting from the planning efforts on his campus were the development of new academic majors, successful completion of a \$13 million capital campaign, construction of one academic building and three residence halls, major renovations of two academic buildings, development and implementation of an integrated marketing plan, and significant increases in enrollment and retention.

Before becoming Pitt-Bradford's president, Alexander was the provost and vice president for academic affairs and professor of psychology at Kean University in Union, N. J. During his tenure there, Alexander led the implementation of a revised general education program, widely known for its innovative features.

Alexander began his career in higher education as an assistant professor of psychology at Western Kentucky University and subsequently advanced to the rank of professor. After completing an American Council on Education Fellowship in higher education administration at the University of Tennessee-Knoxville, he assumed successive positions as department head at Georgia Southern University, associate vice president for academic affairs and director of graduate studies at Western Kentucky University, and vice president for academic affairs at Troy State University-Montgomery.

During his academic and administrative career, Alexander has written numerous articles and book chapters in the areas of cognition, teaching and learning, and leadership. In 1989, he published the results of his research on mathematics anxiety in the journal, *Measurement and Evaluation in Counseling and Development*. His abbreviated version of the Mathematics Anxiety Rating Scale has been used or cited in dozens of research studies. An earlier study titled "Facilitation of Learning and Retention of Oral Instruction Using Advance and Post

Organizers" and published in the *Journal of Educational Psychology* examined the efficacy of cognitive organizers in improving learning and retention of oral instruction.

He has led seminars on the personal and interpersonal dimensions of leadership and diversity for the American Council on Education's fellowship program and has served as chair of the New Jersey Council of Chief Academic Officers and as an elected member of the American Association of University Administrators' Board of Directors.

Alexander is a member of the NCAA Division III Presidents Council, the American Council on Education Commission on Lifelong Learning, the Millennium Leadership Initiative Steering Committee, and the Nominating Committee for the American Association of State Colleges and Universities. He is a board member of Upper Allegheny Health Systems, Continental One (an interstate highway/commerce initiative), and The Center for Rural Pennsylvania as well as serves as a trustee of Hilbert College, in Hamburg, N.Y.

Alexander is a native of Breau Bridge, La. He earned his A.B. degree in philosophy from St. Joseph Seminary College in Washington, D.C., and the M.Ed. degree in curriculum and the Ed.D. degree in educational psychology from the University of Houston.

David E. Fitz

David E. Fitz became the vice president for academic affairs at the University of Pittsburgh at Titusville on July 1, 2011. During his first year at Pitt-Titusville, he has worked to implement the campus' strategic plan. With the assistance of the campus community, he has made improvements to retention practices; established a freshman-year-experience program; proposed new academic programs in applied fields of study; changed the student academic progress guidelines; conducted a review of the Learning Center, which has led to increased staffing and service improvements; evaluated and changed internship practices; and engaged in other academic activities.

Fitz was the vice president for academic affairs and associate professor of political science at MacMurray College in Jacksonville, Ill. During his tenure at MacMurray College, Fitz led the successful completion of the institution's re-accreditation through the Higher Learning Commission, contributed to improvements in the athletic program, led an overhaul of the college's assessment processes to improve student learning outcomes, led retention efforts, improved the fiscal administration of academic affairs, increased data production and data analysis and interpretation and its use in making decisions, and fostered the development of cooperative programs, sharing space with local community colleges and high schools.

Before becoming MacMurray's vice president for academic affairs, Fitz was the college's assistant vice president for academic affairs, interim chair of its Division of Education, chair of the Department of History and Political Science, and a faculty member who taught extensively in the areas of American and international politics. He began his career at Eastern Illinois University as a visiting assistant professor and was an assistant professor at Macon State College before becoming a faculty member and administrator at MacMurray.

In Jacksonville, Fitz served on the boards of directors of The Nursery School, 4 Counties for Kids, and Big Brothers and Big Sisters of West Central Illinois.

A native of Pennsylvania who was born in Greensboro and raised in Orwigsburg, Fitz graduated from York College of Pennsylvania, where he earned a Bachelor of Arts degree in international studies, and from the



The Pitt-Bradford Commons

University of Pittsburgh, where he received his PhD in political science.

University of Pittsburgh at Bradford

The University of Pittsburgh at Bradford, founded in 1963, is a four-year regional campus of the University of Pittsburgh system and offers 41 majors, several pre-professional programs, and hosts two University of Pittsburgh graduate programs, the Master of Science in Nursing and Master of Social Work.

The most popular majors are business management, nursing, education, criminal justice, and biology. Pitt-Bradford's professional programs include accounting, broadcast communications, computer information systems and technology, hospitality management, and petroleum technology. Many students take advantage of internships or research opportunities owing to the number of partnerships Pitt-Bradford has with area businesses and industries.

The campus, which comprises 24 buildings, is on 317 acres nestled at the foothills of Pennsylvania's Allegheny Mountains in Bradford, McKean County, 189 miles north of Pittsburgh.

Pitt-Bradford has been listed among the Best Baccalaureate Colleges in the North by *U.S. News & World Report* in its "America's Best Colleges" publication and was named to the list of "Best Colleges in the Northeastern Region" by the Princeton Review. It also was recently named one of 150 "Best Value Colleges" in America by Princeton Review.

Pitt-Bradford successfully recruits students from many counties in Pennsylvania, including the urban centers of Pittsburgh and Philadelphia, as well as from 24 other states and 13 foreign countries. The campus, which boasts 14 athletic teams, serves approximately 1,600 students and has more than 9,300 alumni.

University of Pittsburgh at Titusville

The University of Pittsburgh at Titusville, founded in 1963, is a regional campus of the University of Pittsburgh system and is a comprehensive two-year college. It offers eight associate degrees and access to more than 100 majors and pre-professional tracks with transfer programs provided for students pursuing baccalaureate degrees. Its degree programs are in such professional areas as nursing, physical therapist assistant, business, and human services. It also offers preparation for engineering as well as medicine, pharmacy, and other health-related professions.

Students also may elect to complete their baccalaureate degree at the Titusville campus through joint programs with the University of Pittsburgh at Bradford.

The campus, on 10 acres in Titusville, in Crawford County, is about 107 miles from Pittsburgh and serves as an educational, cultural, and economic resource for its region of Pennsylvania. It has two intercollegiate athletic teams—men's and women's basketball.

Pitt-Titusville serves approximately 500 students. On April 28, 2012, the school awarded degrees to 80 students, making it the largest graduating class in the school's 49-year history.

Provost's ACIE Selects 7 Proposals for 2012 Innovation in Education Awards

Continued from page 2

the traditional reading assignment or complete a V-PIN case, and they will be tested both before and after each session.

Paul W. Leu, assistant professor, and **Mary Besterfield-Sacre**, professor and Fulton C. Noss Faculty Fellow, Swanson School of Engineering's Department of Industrial Engineering, "Learning and Experiencing Engineering Design Processes That Promote Innovative Outcomes."

Engineering innovation is essential to growth and competitiveness in a rapidly changing global economy. Design is one of the most challenging outcomes, as articulated by the Accreditation Board for Engineering and Technology's educational objectives and outcomes. Educators now teach engineering students to be technically competent not only in design systems, components, and/or products, but also in certain design processes that result in more innovative outcomes. Based upon Besterfield-Sacre's recent research on innovation in engineering design, this project will develop specific activities and tools to build innovative design teams, strengthen critical design activities, and enhance innovative outcomes. Among those tools will be team-building and brainstorming activities as well as the creation of team wikis, which are programs that allow users to collaborate in creating content and to promote communication between group members.

Jonathan Pearlman, assistant professor,

Department of Rehabilitation Science and Technology, School of Health and Rehabilitation Sciences, and associate director for engineering at the Human Engineering Research Laboratories, "Rehabilitation Technology Design for Developing Countries."

This project will expand to undergraduates a graduate-level series of Department of Rehabilitation Science and Technology (RST) courses that focus on developing assistive devices for people with disabilities. In addition, the courses—which concentrate on design and fabrication as well as designing a device for a client—will include an international component, where Pitt students will have the opportunity to perform a service-learning project at one of the many international sites with which RST researchers collaborate. Pearlman said while the graduate-only series of courses were tailored to multidisciplinary students in fields ranging from clinical sciences to engineering, the expanded course offerings will also likely draw students from additional disciplines, including international studies, foreign languages, global health, social sciences, and others found within the University Honors College.

Andrew T. Rose, professor of civil engineering technology, Pitt-Johnstown, "Development and Implementation of a Multi-Course Design Project in the Civil Engineering Technology Curriculum Using a Modified Communities of Practice Approach."

Rose will develop a multicourse design project that incorporates real-world aspects of building analysis and design. The design project will incorporate three required courses and two elective courses in the junior and senior years of Pitt-Johnstown's civil engineering technology (CET) curriculum. The goal is to create a unique learning experience by grouping topics and learning activities from several courses into a single multicourse, multisection design project that is realistic and consistent with professional-level civil engineering. The project will employ the communities of practice approach—grouping students with a shared interest in CET so they can improve their technical and communication skills through frequent interaction.

Tonya Rutherford-Hemming, an instructor in Pitt's School of Nursing who will become an assistant professor in that school on July 1, "Simulation to Promote Auscultation-Related Knowledge and Skills (SPARKS)."

This project is intended to ensure that advanced-practice registered nurses—such as nurse practitioners and certified registered nurse anesthetists—are proficient in auscultation, or the act of listening to sounds made by internal organs, particularly the heart and lungs. A Student Auscultation Manikin will be purchased and incorporated into foundational courses for advanced-practice nursing students, allowing them to safely assess and diagnose "real

life" medical diagnoses without actual risk to a patient. In addition, it is hoped that SPARKS will increase the complexity of critical thinking required by using a combination of simulation and case studies. Rutherford-Hemming anticipates that SPARKS could be used in nine graduate courses, reaching about 350 nursing practitioner and anesthesia students.

William R. Schumann, assistant professor of anthropology, Pitt-Bradford, "GPS Mapping and Community Development."

Schumann's project involves developing walking-trail user data for mobile devices that would serve public use and educational purposes in Smethport, Pa. Two Pitt-Bradford classes taught in the fall will participate. Students in Applied Anthropology will use readings on anthropological methods and the Appalachian region to understand rural community development strategies in Northwestern Pennsylvania. They will travel to Smethport to create a GPS (global positioning system) map of and digitally photograph four trails and also compile natural scientific and historic data on Smethport to add to trail maps. Students in the second course, Family and Community Relationships, will be exposed to the principles of curricular development in creating Pennsylvania-ready learning content that is specific to Smethport's area schools. The project will also help to fulfill Pitt's regional mission while training Pitt-Bradford students for future careers.

Happenings

Heinz Hall to play with Pittsburgh Symphony Orchestra, 8 p.m. **May 25**, Heinz Hall, 600 Penn Ave., Downtown, 412-392-4900, www.pittsburghsymphony.org, PITT ARTS Cheap Seats, 412-624-4498, www.pittarts.pitt.edu.

Sean Jones Presents Duets: Gospel, Alton Merrell, pianist and member of Pittsburgh Jazz Orchestra, and gospel singer Deborah Moncrief collaborate in evening alive with jazz and gospel styles, 7 p.m. **June 14**, August Wilson Center for African American Culture, 980 Liberty Ave., Downtown, 412-258-2700, www.augustwilsoncenter.org, PITT ARTS Cheap Seats, 412-624-4498, www.pittarts.pitt.edu.

Exhibitions

Carnegie Museum of Art, *Duncan Campbell*, filmic portraits, each unraveling historical narrative through one protagonist, **through July 8**; *Henri Matisse: The Thousand and One Nights*, multipanel, painted paper cut-out, created when the artist was 81 and confined to his bed, **through July 15**; *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, **through Aug. 26**; 4400 Forbes Ave., Oakland, 412-622-3131, www.cmoa.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 photographic record 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**; *M is for Museum*, **through Aug. 30**, 4400 Forbes Ave.,



Glen Campbell—The Goodbye Tour
Byham Theater,
May 20

Oakland, 412-622-3131, cmnhweb@carnegiemnh.org.

Lectures/Seminars/Readings

"30 Years of Lung Cancer Research: How Far Have We Come?" Jill M. Siegfried, UPMC Endowed Chair in Lung Cancer Research, 4 p.m. **May 22**, Provost's Inaugural Lecture Series, Lecture Room 6, Scaife Hall.

Opera/Theater/Dance

La voix humaine, Toneelgroep Amsterdam performs its critically acclaimed production of Jean Cocteau's one-act play about abandonment and heartbreak, 8 p.m. **May 17-19**, Distinctively Dutch Festival 2012, Byham Theater, 101 Sixth St., Downtown, 412-456-6666, www.trustarts.org, PITT ARTS Cheap Seats, 412-624-4498, www.pittarts.pitt.edu.

Brian Regan, one of the premier comedians in the nation, 7 p.m. **May 20**, Heinz Hall, 600 Penn Ave., Downtown, 412-392-4900, www.pittsburghsymphony.org.

Private Lives by Noel Coward, **May 24-June 24**, 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.

Girls Only—The Secret Comedy of Women, candid look at what it means to be female, **May 23-Sept. 2**, 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.

Pitt PhD Dissertation Defenses

A. Robin Hoffman, Kenneth P. Dietrich School of Arts and Sciences' Department of English, "Doubtful Characters: Alphabet Books and Battles Over Literacy in Nineteenth-Century British Print Culture," 10 a.m. **May 17**, 527 Cathedral of Learning.

Mandy Jo Bell, School of Nursing, "Genomics of Endoglin Pathway in Pre-eclampsia," 9 a.m. **May 22**, 451 Victoria Building.

Jill Radtke Demirci, School of Nursing, "Breastfeeding the Late Preterm Infant: A Grounded Theory Study," 2 p.m. **May 23**, Room 451, Victoria Building.



Dutch Women of Jazz—Amina Figarova Sextet & Tineke Postma Quartet
Manchester Craftsmen's Guild,
May 18

Concerts

Blue Man Group, show and concert that combine music, comedy, and multimedia theater, **May 15-20**, PNC Broadway Across America, Benedum Center, 237 7th St., Downtown, Pittsburgh Cultural Trust, 412-456-6666, www.trustarts.org, PITT ARTS Cheap Seats, 412-624-4498, www.pittarts.pitt.edu.

Dutch Women of Jazz—Amina Figarova Sextet & Tineke Postma Quartet, featuring composer-pianist bandleader Amina Figarova and jazz saxophonist Tineke Postma, considered

among Holland's finest female jazz musicians, 8 p.m. **May 18**, Manchester Craftsmen's Guild, 1815 Metropolitan St., Manchester, 412-322-1773, mcgjazz.org.

Glen Campbell—The Goodbye Tour, performance by musician, singer, and humorist Campbell, 7:30 p.m. **May 20**, Byham Theater, 101 Sixth St., Downtown, Pittsburgh Cultural Trust, 412-456-6666, www.trustarts.org.

Ben Folds with the PSO, solo artist and pianist of Ben Folds Five returns to



Newsmakers

CARSON SCHOLARS FUND LEADERSHIP AWARD



JOHN BUTLER

Pitt Vice Chancellor for Public Affairs Robert Hill (far left) received the Leadership Award from the Pittsburgh Chapter of the Carson Scholars Fund during that organization's 8th Annual Awards Ceremony April 22 at the Omni William Penn Hotel, Downtown. Hill, who also delivered remarks during the ceremony, stands beside Carson Scholars Fund founder Benjamin S. Carson (middle), a Johns Hopkins pediatric neurosurgeon who, among his numerous career highlights, performed the first completely successful separation of type-2 vertical craniopagus (conjoined) twins in 1997 in South Africa; and Adam Iddriss (ENGR '07, A&S '07), a 2006 Harry S. Truman Scholarship winner at Pitt who was inspired as a child when he read Carson's autobiography, *Gifted Hands* (Zondervan, 1990). Founded in 1994 with chapters in 11 cities, the Carson Scholars Fund is dedicated to encouraging students to focus on reading and academics. Scholarships are awarded to students in grades 4 through 11 who exemplify academic excellence and humanitarian qualities.

HELPFUL RECYCLING

University of Pittsburgh at Bradford resident assistants Jahlil Davis-Green, a sports medicine major from Philadelphia, left, and Christopher Barr, a criminal justice major from Bradford, deliver donations to SACKS, a resale shop that benefits the Bradford Hospital Auxiliary. The items were donated by students who were moving out of campus housing at the end of the semester. Donations included laundry detergent and nonperishable food items delivered to the YWCA food pantry, six bags of clothes sent to SACKS, and shelving units, lamps, bedding, and kitchenware dropped off at the Goodwill Store.



ALBY FRANKOCK

PittChronicle

Newspaper of the University of Pittsburgh

PUBLISHER	Robert Hill
ASSOCIATE PUBLISHER	John Harvith
EXECUTIVE EDITOR	Linda K. Schmittmeyer
EDITOR	Jane-Ellen Robinet
ART DIRECTOR	Gary Kohr-Cravener
STAFF WRITERS	Sharon S. Blake John Fedele B. Rose Huber Audrey M. Marks Patricia Lomando White
CONTRIBUTING WRITERS	Anita Srikameswaran

The *Pitt Chronicle* is published throughout the year by University News and Magazines, University of Pittsburgh, 400 Craig Hall, Pittsburgh, PA 15260. Phone: 412-624-1033, Fax: 412-624-4895. E-mail: chron@pitt.edu Web: www.chronicle.pitt.edu

The University of Pittsburgh is an affirmative action, equal opportunity institution that does not discriminate upon any basis prohibited by law.

PUBLICATION NOTICE The next edition of *Pitt Chronicle* will be published May 29. Items for publication in the newspaper's *Happenings* calendar (See page 7) 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, or sent by campus mail to 422 Craig Hall. For more information, call 412-624-1033 or e-mail robinet@pitt.edu.