Nordenberg named chancellor emeritus

C hancellor Mark A. Nordenberg received the title chancellor emeritus and was honored by Pitt’s Board of Trustees with a resolution of appreciation and a video celebrating his life and accomplishments (www.chancellor.pitt.edu/news/trustees-honor-nordenberg-outstanding-leadership-exceptional-contributions). In his final report to the board as chancellor, Nordenberg, who will become chancellor emeritus upon his retirement on Aug. 1, recognized members of his staff and leadership team at the June 20 board meeting. “I’m deeply grateful to these outstanding people for all that they have contributed to Pitt’s progress. I get a lot of the credit that should go to them,” he said. “I’m also indebted to the members of the Board of Trustees. First you gave me the opportunity to be chancellor and then you worked as hard as you could to make certain that I would succeed,” Nordenberg said. “Though I did not come remotely close to doing the job perfectly, this really has been a perfect job for me in terms of my interests, in terms of my loves and in terms of my skill set. And even on the worst of days I have recognized how lucky I have been to have this opportunity. I never have taken your support and encouragement for granted. We have been through a lot together and we both have the smiles and the scars to prove it.”

Nordenberg presented board chairperson Stephen R. Tricht with a chancellor’s medal “in recognition of your University of Pittsburgh roots, your extraordinary professional successes and the distinctive contributions you have made as chair through what has been a very challenging time — bomb threats, budget cuts and other things — for the University of Pittsburgh.”

“I also present this medal to you as a tangible sign of my broader respect and gratitude to the entire board and also to the three outstanding individuals who preceded you as chair during my 19 years as chancellor,” Nordenberg said. “I’m grateful to you for what you’ve done for the University and for the central role you have played in my own academic life.”

Nordenberg closed by reading contrasting observations, the first excerpted from the external review commissioned in 1995 by the Board of Trustees:

“There is something missing when one walks around the campus. Call it pride, tradition or institutional loyalty.”

“Then from the Middle States Commission:

Continued on Page 4

Pitt budget waits on appropriation

A lthough he won’t officially become Pitt’s 18th chancellor until Aug. 1, Patrick D. Gallagher was an invited guest at the Board of Trustees June 20 meeting. In comments following the meeting, board chairperson Stephen R. Tricht said, “We have a whole lot of activities we are undertaking with Pat to get him ready to assume the role on Aug. 1, and even after he assumes the role, to still continue the transition.”

Gallagher, who resigned as director of the National Institute of Standards and Technology on June 15, “is available and will be here for a number of events but he won’t be here full time,” said Tricht, adding that Gallagher will be spending time with his family this summer before he is “immunized” with the responsibilities of his new role at Pitt.

Tricht said he does not expect the change in University leadership to have a “dramatic effect” on the board’s priorities. “The board, at its Feb. 28 meeting, endorsed an updated set of strategic priorities that align closely with those adopted in 1996. (See March 6 University Times.)” The board will be using those just like they did in (Chancellor Mark A. Nordenberg’s) time to move forward with Pat Gallagher,” Tricht said.

He added that Gallagher recognizes Nordenberg’s “reservoir of talent and capability” and plans to draw on it for support.

Nordenberg said, “I have indicated to Chancellor Gallagher that I will be available to him if there are things that I can do that would be of help.” Gallagher already has met with senior members of Pitt’s leadership team, local business leaders and state and local elected officials, and has been introduced at alumni events.

“This isn’t something where we start on July 31. We have been trying to identify windows in his schedule, where he could be here or at some other place and really begin connecting with people — and talking with them in ways that will provide a good platform on Aug. 1,” said Nordenberg, who on Jan. 1 will assume the newly created position of chair of the University’s Institute of Politics.

CONTINUE ON PAGE 4
Still no decision but Alexander confident about UPT's future

N
o decision on the future of the University Park Technology Services (UPT) has been made two years after its administrative realignment under Pitt-BRADford President Livingston Alexander, but Alexander still is confident about its future, saying that the changes have been beneficial.

“We're moving forward and we are seeing positive differences that will affect the future of the campus,” Alexander said, adding that no details have been divvied up, “we’re considering a number of different options and no decision has been made yet about which option to move into.”

No is the timetable for any decision. Ken Service, vice chancellor for Communications, said the decision remains with the provost’s office and is not dependent on the new chancellor taking office in August.

Alexander said, “We have really had no discussion with the new chancellor-elect about Titusville. Whatever it is that he will take up along with the provost at a time that is appropriate to do so.”

However, the realignment has been “successful.” During the past two years of lower enrollments and budget cuts, he said UPT has not shed any faculty or staff since the Voluntary Early Retirement Program (VERP) ended, and has added five associate professors in biological sciences, computer technology, psychology and social work. According to Service, the campus is considering adding an associate’s degree in petroleum technology to meet the employment opportunities in the region. Some UPT classes now run in the Pitt-Bradford remote and on the Titusville campus.

While UPT enrollment has fallen from 501.6 full-time-equiva-

tent (FTE) students in 2007 to 381.6 in 2011, Alexander said, “every enrollment level ‘good for fall,’ although ‘it’s early’ to know whether this is permanent. Many of our students make their deci-
sions later than most colleges’,” he said. “They are optimistic about the future of the campus.”

--Marty Levine

University Times
letters policy

Letters should be submitted at least one week prior to publication. Persons named in a letter will receive a copy of the letter so that they may prepare a response. If no response is received, the letter will be published alone.

Letters should be sent to: njbrown@pitt.edu or by campus mail.

The University Times reserves the right to edit letters for clarity or brevity. Unsigned letters will not be accepted. Letters published alone will not be accepted for publication.

University Times
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Technology Corner

Technology topics and trends from Computing Services and Systems Development (CSSD)

Working to advance the University's mission

Though perhaps not as visible as the iconic Cathedral of Learn-
ing, Pitt’s information technology infrastructure is central to today’s world-class research university. Learning and research mission of the University. CSSD, as the acronym suggests, involves division, develops, maintains, and staff continues and enhances the University’s technology systems. We will and provides centrally supported enterprise technology services.

As we plan, make strategic decisions and initiate projects throughout the course of the year, CSSD considers technology — and decisions about technological innovation — within the context of the work the University does technology advances the University’s mission. Technology in and of itself is intriguing, challenging and engaging. But that’s not enough. Technology must enable the University to achieve its goals and objectives.

A strong, secure infrastructure is a necessary foundation for successful implementation of technology at a world-class research university. CSSD works to provide that infrastructure involves projects that take place out of the common, such as recent work to replace network switches and upgrade the University’s wired and wireless computing resources that sup-

We have established a Federal Information Security Management Act (FISMA)-compliant zone for researchers with federal contracts and grants. This can happen as an all- company upgrade of the environment housing the high-performance computing systems hosted at the Network Operations Center. This summer, we will begin working with Faculty focus groups on identifying a reliable enterprise electronic lab notebook system that meets security and research data management requirements.

Our most visible initiative this summer — affecting everyone at the University — is the implementation of the new email system. The Pitt system processes roughly 24 million emails per day, four million per month, but until now, those messages were being managed across the University’s 20 e-mail systems. This year, faculty, staff and students will all have Exchange email accounts under the umbrella title of My Pitt Email, offering a more professional interface and features such as a calendar and a Pitt address book. (Faculty and staff who want to stay with their legacy systems can do so; CSSD will forward their email to the legacy system.)

Faculty and staff will be able to increase their mailbox quota as needed through a self-service account management tool. Detailed information about the new email system is available at technology.pitt.edu.

The global, mobile world of cloud is here.

As we considered options for upgrading Pitt’s email system, we found information and suggestions from faculty, staff and students. A not-unexpected finding was that a growing number of people reported using a mobile device, rather than a desktop machine, to read Pitt email mes-

sages. We know that mobile services are becoming increasingly important for people. Pitt’s wireless network averaged 21,000 client connect-

ions each day this year. By the end of the summer, we will release an updated mobile Pitt site (m.pitt.edu), which works across mobile platforms, with apps that enable students to view class schedules and grades and add or drop courses.

CSSD Technology Services staff worked closely with the Center for Instructional Devel-

opment and Distance Education (CIDEF) to implement improvements to CourseWeb, the University’s web-based course management system. The result is a more intuitive and user-friendly interface.

CSSD’s approach to technology continues to provide for colleagues who share research interests. For example, the second year of the University Data Warehouse and the related business intelligence processes. The University Data Warehouse serves as the authori-

tative data source for University reporting, it combines data from various University systems into one reliable system. Business intelligence transforms the raw data into meaningful information that can be used to analyze and plan.

Pitt’s Institutional Review Board (IRB) also uses this resource to search for colleagues who share research interests.

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CSSD increased the Box account storage space to 50 GB this month, and introduced a personal Box, which works across mobile devices. CSSD will forward their email to the legacy system.
Chancellor Mark A. Nordenberg received a standing ovation from Senate Council as he concluded his final report to the group June 11.

“This is it,” quipped the chancellor, who is preparing to step down from his post Aug. 1. “If you count not only the regular Senate Council meetings, but also the plenary sessions, that’s got to be about 200 Senate Council meetings — that has got to be something near a record, I would think.”

Nordenberg said, “I do want to say just how proud I feel of all that we have accomplished together. There is a sense of pride in what we have accomplished because the University of Pittsburgh today is stronger in so many ways than it was two decades ago.

“But I also want to say that there is a special satisfaction that comes from the fact that we really have been in it together. And that doesn’t mean that we haven’t disagreed on things from time to time. But in the main, we have recognized that we’re all committed to the same noble mission. We’re all contending with challenging forces from the outside. One of the most important things that we have had going for us is the ability to mobilize our collective energies and intellect and power and to keep pushing the University of Pittsburgh forward.”

The chancellor thanked University Senate and Staff Association Council officers for a May 12 reception honoring him and his family. (See May 15 University Times.)

"It really was a wonderful experience for me," he said. "Words can’t describe how much it meant to me.

"I also will say that it meant a great deal to me that my family was there and that the contributions and sacrifices made by my wife over the course of the last 19 years also were recognized. So I am deeply grateful to everyone who participated in what will be one of the most memorable events of my life.”

A positive transition

“There is a good transition underway,” as Patrick D. Gallagher prepares to assume leadership of the University, Nordenberg said.

“Chancellor-elect Gallagher and I are in regular contact with each other. He knows what I’m doing — I’m warning him about some of the things that he’s going to have to do,” Nordenberg said.

Gallagher has met with people on campus, and has participated with Nordenberg in alumni receptions as well as in a visit to Hartford.

“We spent an entire day in the Capitol meeting with the governor and senior members of his team and the leaders of each of the four legislative caucuses,” Nordenberg said.

“All of my interactions with him leave me with the sense that he is a very fine, highly principled person who interacts well with other people. And I do know that he has a skill and experience set that I don’t have. A set of skills and experiences that are going to position him to do things for the University of Pittsburgh that I couldn’t do, or could not do nearly as well. That’s the way that you want a transition to go,” the chancellor said.

“Good things lie ahead and I look forward to sharing many of those good things with you, albeit from a somewhat different vantage point,” Nordenberg said.

In other business: Bylaws change approved

Following Faculty Assembly’s approval at its June 3 meeting (see June 12 University Times), Council approved a bylaw change that will shift terms of office for University Senate standing committee chairs from the current June 1-May 30 to July 1-June 30.

The change includes a charge to the sitting committee chairs to hold officer elections by July 1 to ensure that committees don’t go without leadership during the summer months.

Commonwealth relations to expand mission

A proposal to change the name of the Senate commonwealth relations committee to the governmental relations committee is in the works for fall, said committee co-chair Deborah Bosquez. The new name aims to reflect a broader advocacy mission that would encompass city, county and state executive branch lawmakers in addition to state legislators.

Reports to council

The annual University Senate President Michael Spring said a full plenary session is set for Oct. 23, adding that there may be two plenary sessions in the upcoming academic year. The fall session will focus on research data management and governance.

• Graduate and Professional Student Government President David Gau reported that a graduate and professional student orientation is set for 2:30-5 p.m. Aug. 18 in the O’Hara Student Center. Information on University resources will be available. Orientation events also will be open to postdocs, he said.

—Kimberly K. Barlow

2 chancellor’s affirmative action awards presented

Breaking from the tradition of selecting one recipient for the annual Chancellor’s Affirmative Action Award, Chancellor Mark A. Nordenberg recognized two Pitt areas — the Department of Physical Medicine and Rehabilitation and the career education and enhancement for health care diversity (CEED) program — in presenting the 2014 awards at Senate Council’s June 11 meeting.

CEED

"The University has long recognized the critical need to develop strategies to recruit and retain members of underrepresented groups to pursue careers in teaching and in research," Nordenberg said in highlighting CEED’s work.

Thirty-five scholars have completed the program since its start in 1997. Initially designed for fellows, postdocs and junior faculty members, CEED expanded in 2012 to include students in the School of Medicine.

CEED participants take part in a 12-month professional and research development program that includes coursework through the Institute of Clinical Research Education, opportunities to network and connect with senior faculty and partnerships with faculty mentors who help participants set and meet goals.

CEED scholars also learn to draft successful grant applications, “something that we well know is critical to those seeking to pursue a career in funded research,” Nordenberg said.

“The CEED program is helping to broaden the pool of future researchers, a development that will work to our shared advantage,” Nordenberg said, citing the words of faculty member Hernandez Gomez of critical care medicine.

Gomez was among multiple CEED scholars to write in support of the program’s nomination. The chancellor said that Gomez credited CEED “with providing him with the funding that allowed him to devote 50 percent of his time to jumpstart a career in academics and research, in an environment that allowed him to grow his ideas, subject them to peer review and ‘learn the nuts and bolts of the ever-changing funding process.’”

Gomez also praised CEED as a “life-changing program that helped me to craft my voice and my path and that gave a Colombian in Pittsburgh a real opportunity to participate in the University, in the development of science and the generation of knowledge.”

Physical medicine and rehabilitation

The Department of Physical Medicine and Rehabilitation, “is a very worthy recipient of recognition, given all that it has done to improve the lives of patients with mobility issues so that they can lead fuller lives,” Nordenberg said.

“The department develops individualized treatment for patients facing the many challenges of living with limited mobility due to trauma, illness or disease. Its commitment to patient care has grown to include serving as advocate for their patients, many of whom come from socio-economically disadvantaged and underrepresented groups,” the chancellor said.

“In terms of research the department has received funding to calculate the impact of gender on recovery after traumatic brain injury; to look at how race and income impact the provision of wheelchairs regardless of insurance coverage, and to examine how raising a child with disabilities influences family dynamics, finances and health,” Nordenberg said.

Nordenberg said members of the department also are involved in the University as volunteers at the National Veteran’s Wheelchair Games and in leading the formation of the Mighty Penguins sled hockey team.

“The department extends this concept of inclusiveness to its recruitment of faculty and staff,” Nordenberg said, citing department chair Michael L. Boninger’s observation that “more than half of the department’s members are women, one-third are from underrepresented groups and a significant percentage are persons with disabilities.”

Nordenberg continued, “The department takes great pride in the fact that it has created an atmosphere in which all individuals are treated equally and respectfully so that they have the opportunity to ensure that others have these same opportunities.”

The award, which includes a $2,500 prize, is given annually to an “outstanding University program area or individual that has made a significant contribution in affirmative action,” defined as the “increase of access to and full participation in all aspects of University functions by minorities and women and those who have been declared members of protected classes by executive orders, legislation or court decisions.”

—Kimberly K. Barlow
The number of applicants, Nordenberg said, represents a huge change that we have helped effect upon people — and not just upon the talent of people, but upon the attitudes and the feelings and the drive of people — that is the change that we have helped effect together that should make us most proud. And I do thank you for letting me be part of it.”

Nordenberg said, “In an institution that is so heavily dependent on people — and not just upon the talent of people, but upon the attitudes and the feelings and the drive of people — that is the change that we have helped effect together that should make us most proud. And I do thank you for letting me be part of it.”

In other board business:
Admissions update
The incoming freshman class — drawn from a pool of 30,600 applicants — boasts an average SAT score of 1298 (out of 1600). The number of applicants, Nordenberg said, represents a huge increase beyond the 7,825 who applied in 1995 and an increase of 3,000 applications over last year.

In addition, he said, “We are having a very strong admissions year on all four of our regional campuses. That’s in sharp contrast to the struggles that are facing many other institutions with campuses in western Pennsylvania.”

CONTINUED FROM PAGE 1

Commission on Higher Education's 2012 reaccreditation report:
“There is a justified, though given our cynical times, still remarkable, sense of pride in every sector of the University community. From faculty, even in units that have not been favored with major investments of resources, to students, many of whom have done both undergraduate and graduate study at the University because, as they have stated, of their love for the school.

“There seems to be an ethos of appreciation which evokes humility in those of us who come to observe it.”

Nordenberg named chancellor emeritus

Capital project additions approved
On recommendation of the board’s budget committee, trustees approved $15 million in additional capital budget funding for four Pittsburgh campus projects:
• An additional $12 million for Clapp Hall renovation and infrastructure. Trustees previously approved $22 million for the project, which will renovate nearly 90,000 square feet of space for biological sciences. (See March 6 University Times.)
• Half of the additional money will come from commonwealth funding and half from Dietrich School of Arts and Sciences reserves, said Arthur G. Ramicone, chief financial officer, who outlined the funding requests at the budget committee’s June 19 meeting.
• An additional $2.07 million for the installation of a helium recovery system in the mid-campus complex. Trustees previously approved more than $1.4 million for the project, which also includes construction of a 1,000-square-foot machine shop.
• Funding will come from Dietrich school reserves.

In addition, trustees approved $5 million for the project, which will create new synthetic organic chemistry and chemical molecular biology research labs for two new faculty research teams. The additional funding will come from Dietrich school reserves.
• An additional $440,000 for Cathedral of Learning elevator upgrades. Trustees previously approved $10 million for the project, which is expected to create a faster and more energy-efficient, destination-based elevator system. Funding for the project comes from commonwealth and plant funds.

Fee increases approved
On recommendation of the student affairs committee, the board approved four fee increases, to take effect in the fall term:
• An increase in the student wellness fee to $105 per semester for full-time students (up from $85). The fee supports Student Health Service, the University Counseling Center and the Office of Intramurals and Recreation.
• An increase in the graduate and professional student activity fees to $30 per semester for full-time students (up from $20) and $15 per semester for part-time students (from $5). The fees support graduate and professional school governance, the Graduate and Professional Student Government.
• An increase in student recreation fees at Pitt-Titusville. Fees for full-time students will rise to $100 per term in fall and spring terms (from $80), and to $20 per term (from $15) for part-time students. The fee covers expenses including intramural sports, fitness center equipment, recreation room upkeep and off-site leisure trips.
• An increase in student activities fees at UPT to $90 per term for full-time students (up from $75) and $15 per term for part-time students (up from $10). The fee covers sponsorship of student organizations and expenses for student activities programming.

Board officers, members elected
• Board chairperson Stephen R. Tritch and vice chair Morgan K. O’Brien were re-elected; board member Eva Tansky Blum was re-elected.
• Tritch initially was elected chairperson in 2009. The board’s bylaws permit a chairperson five consecutive one-year terms, but allow, in special circumstances, up to three additional subsequent one-year terms.
• Tritch was elected to serve one more term to aid in the transition to a new chancellor.
• Blum will become chairperson upon completion of Tritch’s term in June 2015. She will be Pitt’s first female board chairperson.

On recommendation of the nominating committee, the trustees approved Jane Bilewicz ALLRED (A&S ’71) and James P. COVERT (A&S ’91) as new board members.

Alford, the retired president of Allied Marketing, is the immediate past-president of the Pitt Alumni Association. She is a community representative to the Board of Trustees’ institutional advancement committee and a member of the Dietrich School of Arts and Sciences board of visitors.

She is a recipient of Pitt’s 25th Anniversary Medallion and recently received a distinguished alumni award from the Dietrich School of Arts and Sciences.

She established the Allied Endowed Writing Fund, which supports the University of Pittsburgh Writing Center in promoting writing throughout the curriculum.

COVERT, who has more than two decades of experience in health care sales, marketing and acquisition, has been president and chief executive officer of the Institute for Transfusion Medicine since 2007.

He is vice chair of the National Blood Foundation and is a director on the boards of The Institute for Transfusion Medicine, The Blood Science Foundation, The Hemophilia Center of Western Pennsylvania, Creative Testing Solutions, Hospice Compassus and The Robert Packard Center for ALS Research at Johns Hopkins.

COVERT lettered in football at Pitt and played for the Chicago Bears (1980-90).

Re-elected to the board were: Mary Ellen Callahan (A&S ’90), Robert M. Henderson (A&S ’66), Terrence P. Laughlin (BUS ’81G), E. James McCandless (A&S ’75), Keith E. Schaefer (A&S ’71), William E. Strickland, Jr. (A&S ’70), John A. Swanson (ENGR ’86G), and Sam S. Zacharias (A&S ’69).

In addition, Jack D. Smith was re-elected to the board of the University of Pittsburgh Trust for the 2014-18 term. He is chair of the Fels Institute School of Orthopedics department.

Elected to serve as University director on the UPMC board of directors for the 2014-17 term were Hernandez and Blum. Nordenberg was elected to the UPMC board, effective Aug. 1, for the term ending in 2016.:

Tritch noted the state representative John A. Maher III (R-40) has been reappointed by the House of Representatives as a commonwealth trustee.

—Kimberly K. Barlow
New Posvar roof will “eat” pollution

The new roof of Posvar Hall will “eat” airborne pollution, thanks to a technology that has been around for decades but just now is being applied to rooftops — and is affordable.

The roofing material — Eco-Artis Waterproofing Overlay by a company called Siplast — is coated with mineral granules that contain the photocatalytic agent Noxite, which uses the sun’s ultraviolet rays to break up the air-polluting nitrous oxides NO and NO₂. Rains wash away the resultant nontoxic residue.

Posvar will be the first Pitt building to use this product. “What you’re seeing now, with the emergence of LEED, these products are becoming more prominent,” says Pitt sustainability coordinator Dan Marcinko of Facilities Management. LEED, or Leadership in Energy & Environmental Design, is a certification for sustainable features offered by the U.S. Green Building Council. “They are just starting to use this on building exteriors,” Marcinko says about the new roof coating.

Having seen the finished product on exterior walls of buildings elsewhere, he says, “It doesn’t look pretty, I’ll tell you that.” But the roof of Posvar, which has been leaking and has been scheduled for replacement for the past four years, is not visible from the ground or surrounding buildings, apart from the Cathedral of Learning—a block away. Use of the new technology was suggested by Posvar renovation designer Landmarks Design Associates. “Sometimes you pay a big premium for green products,” Marcinko notes, but the price difference between this product and normal roofing was “close enough” to make the greener choice worthwhile, he says.

The new gray roof materials also will keep Posvar somewhat cooler than the current black roof, he adds. Work on the roof was begun in late February and is expected to conclude before the fall semester begins.

“It’s one of those new, innovative products ... and I think you’re going to see this technology applied to different surfaces,” Marcinko says.

Marcinko co-led the compilation of Pitt’s 2013 Report on Sustainability, released in March with Lauro Zullo, Pitt’s senior manager of energy initiatives. He told the report’s authors to offer a clearer picture of Pitt’s sustainability efforts. “We want to make it an annual report to keep the word out,” he says.

Marcinko says he was impressed with the breadth of Pitt’s sustainability effort, from Computing Services to Systems Development eliminating paper notices via the Red Road green email program in 2012-13 to Dining Services instituting composting and trayless dining in 2009-10.

“We were surprised at just how many departments were involved in these sustainability initiatives,” he says.

“But ‘eye-opening to me, and something the University can focus on in the future,’ he adds, was the greenhouse gas inventory, which the University has conducted in 2008 and 2011 and is planning to conduct again. It found that Pitt’s greenhouse gas emissions dropped by 4,000 metric tons between 2008 and 2011 and resulted in a 2 percent reduction in 2011. The inventory found that some of the highest metric tonnage of CO₂ emissions was generated by the university through the air travel of Pitt personnel.

The report also details how Pitt in fiscal year 2013 recycled 42 percent of its total waste stream. That included 473 tons of office paper, 550 tons of cardboard, 95 tons of aluminum, glass and plastic containers, 19 tons of construction waste and 226 tons of other materials.

For future reports, Marcinko hopes to expand coverage of the University’s educational and research efforts toward sustainability. He also hopes to highlight initiatives only now in progress, such as switching to single-stream recycling, which mixes all consumer recycling material into a single bin.

—Marty Levine

University of Pittsburgh

The Senate of the University of Pittsburgh

NOTICE TO MEMBERS OF THE UNIVERSITY SENATE FROM THE OFFICERS OF THE SENATE

Pitt: Savings made toward cybersecurity, some of which will be reported in the 2013 Sustainability Report.

Marcinko says that while Pitt’s Sustainability report helps demonstrate the University’s progress, it will be even more useful to have a clear, as possible, representative of all sustainability efforts. “We want to give people a better sense of where we’ve been, where we are, and where we’re going.”

That’s the highest point for me because I think it can be a lasting foundation for so many good things to come,” he says.

He added: “My goal through the sustainability efforts is that we’re not just doing the things that are easy. We want to expand coverage to include the University through the air travel of Pitt personnel.”

The report also details how Pitt in fiscal year 2013 recycled 42 percent of its total waste stream. That included 473 tons of office paper, 550 tons of cardboard, 95 tons of aluminum, glass and plastic containers, 19 tons of construction waste and 226 tons of other materials.

For future reports, Marcinko hopes to expand coverage of the University’s educational and research efforts toward sustainability. He also hopes to highlight initiatives only now in progress, such as switching to single-stream recycling, which mixes all consumer recycling material into a single bin.

—Marty Levine

CONTINUED FROM PAGE 1

Chancellor-elect Gallagher

Chancellor-elect Gallagher

Gallagher is a mature, accomplished professional who has moved through positions where he has dealt with predecessors on past occasions,” he said. “I’ve had a very long run, leaving at this time was principally my decision. I think Pat is going to view me as an asset, not as a threat. If people don’t recognize that we’re different leaders with different strengths, then they’re being shortsighted.

Nordenberg added: “Clearly having seen the finished product on exterior walls of buildings elsewhere, he says, “It doesn’t look pretty, I’ll tell you that.” But the roof of Posvar, which has been leaking and has been scheduled for replacement for the past four years, is not visible from the ground or surrounding buildings, apart from the Cathedral of Learning—a block away. Use of the new technology was suggested by Posvar renovation designer Landmarks Design Associates. “Sometimes you pay a big premium for green products,” Marcinko notes, but the price difference between this product and normal roofing was “close enough” to make the greener choice worthwhile, he says.

The new gray roof materials also will keep Posvar somewhat cooler than the current black roof, he adds. Work on the roof was begun in late February and is expected to conclude before the fall semester begins.

“It’s one of those new, innovative products ... and I think you’re going to see this technology applied to different surfaces,” Marcinko says.

Marcinko co-led the compilation of Pitt’s 2013 Report on Sustainability, released in March with Lauro Zullo, Pitt’s senior manager of energy initiatives. He told the report’s authors to offer a clearer picture of Pitt’s sustainability efforts. “We want to make it an annual report to keep the word out,” he says.

Marcinko says he was impressed with the breadth of Pitt’s sustainability effort, from Computing Services to Systems Development eliminating paper notices via the Red Road green email program in 2012-13 to Dining Services instituting composting and trayless dining in 2009-10.

“We were surprised at just how many departments were involved in these sustainability initiatives,” he says.

“But ‘eye-opening to me, and something the University can focus on in the future,’ he adds, was the greenhouse gas inventory, which the University has conducted in 2008 and 2011 and is planning to conduct again. It found that Pitt’s greenhouse gas emissions dropped by 4,000 metric tons between 2008 and 2011 and resulted in a 2 percent reduction in 2011. The inventory found that some of the highest metric tonnage of CO₂ emissions was generated by the university through the air travel of Pitt personnel.”

The report also details how Pitt in fiscal year 2013 recycled 42 percent of its total waste stream. That included 473 tons of office paper, 550 tons of cardboard, 95 tons of aluminum, glass and plastic containers, 19 tons of construction waste and 226 tons of other materials.

For future reports, Marcinko hopes to expand coverage of the University’s educational and research efforts toward sustainability. He also hopes to highlight initiatives only now in progress, such as switching to single-stream recycling, which mixes all consumer recycling material into a single bin.

—Marty Levine
The convergence of personalized medicine, better imaging technologies, big data and analytics and the Affordable Care Act are fostering a revolution in medicine and health care, said Arthur S. Levine, senior vice chancellor for the Health Sciences and John and Gertrude Petersen Dean of Medicine.

In his June 12 state of the medical school address, “The Second Revolution in Medicine and Its Impact on Our School of Medicine,” Levine equated today’s transformation with the effects of Abraham Flexner’s groundbreaking 1910 report, “Medical Education in the United States and Canada,” which, he said, “effectuated a revolutionary change in how medicine was taught and practiced in this country.”

Noting that the mandate of the Affordable Care Act goes beyond preventing disease or targeted medical care and behavioral research, the dean said, “The Affordable Care Act are fomenting a change in medical education and its delivery system — ‘to have others besides physicians offer primary care to the degree that their training, experience and ability permits’ — also has the potential to reduce health care costs.

Aiding that understanding are advances in imaging technologies. “The imaging of tissues, bodies, cells, organs — all of that is accelerating at a phenomenal rate now,” Levine said.

In addition, UPMC is investing $100 million in accumulating patient data, including genomics, insurance claims, environmental exposures, history and family, social and economic data, Levine said. “The challenge will be not accumulating the data, but making sense of once we do that, and that is a real intellectual challenge.”

With these changes occurring against the backdrop of the Affordable Care Act, “if you put all that together, I really do think that we are in the midst of a revolution in medicine and health care,” Levine said, adding that interprofessionalism — “to have others besides physicians offer primary care to the degree that their training, experience and ability permits” — also has the potential to reduce health care costs.

“I do think that this is a very good time. It’s a scary time. I think the next two years in particular will be volatile and there will be some unpredictable elements about it,” Levine said.

“Nonetheless I think we are exquisitely well positioned for the future but it has to be a future that is surrounded by the economic context in which we find ourselves. It goes without saying that we cannot let our expenses exceed our revenues. It’s no different than when you go to Giant Eagle ... They’ll only let you take out of the store what you pay for.”

Despite the fact that “it’s a very rocky time for the NIH,” the University remains No. 5 in terms of National Institutes of Health funding — behind Harvard, Penn, Johns Hopkins and the University of California San Francisco, said Levine.

While the end of federal stimulus funding eliminated an upward blip in research funding, “we’re not going down, we’re staying level — and most of the country is not, so that leaves us in a good position,” Levine said.

Pilot grants, bridge funding and free scientific and editorial review of grant applications are all available to aid health sciences researchers, the dean said.

Core facilities that provide services to investigators also have been developed “to help people get grants,” but the cores are under review, he said.

“We are beginning an exercise in which we actually look at the use of each core: the number of faculty using it, who they are, whether their grants depend uniquely on access to that core, whether the core’s activities could be replicated in some other way,” the dean said, noting that some cores had been more successful than others at covering their expenses through user fees.

“We are studying the entire core enterprise because the subsidy has gotten very high. ... I’m not sure that we can sustain it at the level that we’re at,” Levine said, adding, “One or two of these cores may have to be diminished in order for us to sustain what we are hoping to accomplish.”

Levine noted that NIH doubled its budget from $13 billion to $27 billion between 1998 and 2003, prompting research institutions to construct new buildings, add faculty and train new researchers, “assuming that this gravy train would continue forever.” Instead, “The train has stopped, and in fact it has gone backward. And so there is no way that we can sustain the level that we’re operating at now. We all recognize that.”

The dean referenced two recent commentaries that he labeled “extremely important, particularly taken together” in terms of the current climate.

In recognition that biomedical and behavioral research can’t be supported at their current levels amid the current funding climate, former National Academy of Sciences President Bruce Alberts, cell biologist Marc W. Kirschner, Princeton President Emeritus Shirley Tilghman and Nobel laureates and National Cancer Institute director Harold Varmus proposed solutions in their editorial, “Rescuing U.S. Biomedical Research From Its Systemic Flaws,” published in the April 22 Proceedings of the National Academy of Sciences journal.

Levine commended the authors’ recommendation that the federal government provide a more stable and predictable funding stream by appropriating funds for NIH on a five-year (rather than the current annual) basis.

However, he derided as “damaging to academic medicine” the authors’ recommendations that institutions foot the bill for researchers’ salaries and pick up all overhead costs. “If either or both of those recommendations were to be implemented it would end biomedical research at the universities of this country virtually overnight,” Levine said. “It certainly would be devastating to research as we know it in the universities.”

Noting that “none of the (authors) have actually worked in an academic medical center for many years,” Levine said, “None of them are in the trenches and I don’t think they are reasoning this through.”

Levine said he has collaborated on a response, “basically applauding the authors for their insights and those remedies we think are appropriate but rebutting the remedies that we think would be damaging.”

Another article, “Academic Medical Centers Fear Squeeze From Affordable Care Act,” by Anna Azvolinsky, published in February in Nature Medicine, correctly points out that academic medical centers — “defined at a
Arthur S. Levine, senior vice chancellor for the Health Sciences and the John and Gertrude Petersen Dean of Medicine, said 4,952 students applied for 162 positions in Pitt’s medical school class of 2017. Students in the class of 2017 hail from 31 states and two foreign countries, and 79 percent are from different undergraduate colleges and universities. The class is 59 percent men, 41 percent women and 17 percent are underrepresented minorities.

Levine said 94 percent of accepted applicants have relevant experience in research, 89 percent have experience in medical and clinical community service and 71 percent have non-medical community service or volunteer experience.

**Tuition**

Medical school tuition for the 2013-14 academic year is $46,962 for in-state students, $48,138 for out-of-state students. Levine noted the difference between in-state and out-of-state tuition is only about $1,000 because “we get so little money from the state to support our medical students that there cannot be a larger distinction than that.”

**Student debt**

The medical school awarded $55.1 million in need-based scholarships in fiscal year 2013, up 24 percent from FY12, an average award of $20,405. Levine said 87 percent of the medical school’s student body ($17 of 593) received some form of financial assistance. Pitt medical students who graduated in the class of 2014 owed an average of $134,564, with debt ranging up to $100,000, Levine said.

**Research output**

Pitt’s medical school requires all students to engage in research. “I want all of our students to master the scientific method and to do so with an emerging independence and to their full creative potential,” Levine said, adding that the 2013 graduating class had 39 fellowships, grants and national awards and 39 School of Medicine awards to show for those research efforts.

Class members’ research resulted in more than 234 national presentations and abstracts and 134 peer-reviewed papers with Levine said, noting that UPMC has 62 percent of the patients in the region — nearly 4 million people. In addition, UPMC has its own insurance plan and is not totally dependent on clinical revenue, but also has a large international and commercial services division; “it has products it can sell to other people.”

Levine said that while Pitt may be the most financially well positioned academic medical center in the country, “it doesn’t mean that UPMC is not threatened.” Levine said, noting that the medical school’s endowment is smaller than that of many of its competitors and that the school receives less in state funding. “We do not have the wherewithal necessary to continue our quite remarkable momentum without adequate if not generous support from UPMC based on their clinical revenue,” he said, adding that over the next two years, “We will need to re-configure ourselves with response to the re-equilibration that UPMC is doing to bring their expenses into line with their revenue.”

Levine’s address is posted at http://mediasti.eauide.pitt. edu/mediastI/SilverlightPlayer. Default.aspx?pid=77c224927c 1bde809ca86bde1c11ff.

—Kimberly K. Barlow

**Graduate programs**

Levine said 80 students were enrolled in the MD/PhD medical school training program, with 265 students in the school’s PhD programs.
Bioengineer earns $2.9 million brain implant grant

The University Center for Social and Urban Research (UCSUR) has received a five-year, $2.9 million grant from the National Institutes of Health (NIH) to improve brain-computer interface technology.

Less than two years ago, a brain-computer interface team at the University allowed Jan Scheuer- mann, a neurobiologist and member of the University faculty, to control a robotic arm. The device was controlled via neural recording via microelectrode arrays — like a direct connection between the brain and the motor cortex — that act like robotic arms. The University Center for Social and Urban Research (UCSUR) has given two Steven D. Manners Faculty Development Awards to promising research projects in the social, behavioral and policy sciences on campus.

The researchers plan to apply this index to two ongoing studies — an analysis of the effects of the Social Stressors, Air Pollution and Psychological Distress study and a Pittsburgh Community Health and Well-being study. The results are expected to be of interest to other researchers and advocates in the Pittsburgh community conducting work related to the influence of the neighborhood on health and well-being, particularly in the context of changing issues of equity in the region.

The second award, to Universi ty Center for Social and Urban Research faculty member Linda Barry Robertson, will fund “Social Determinants of Lung Cancer in Allegheny County.” This study will develop methods to explore multifaceted, and potentially interactive, risk factors for cancer — including exposures to neighborhood psychosocial stressors and air pollution, and individual factors including smoking, drinking, obesity, physical activity and psychological distress.

The third grant will test the hypothesis that the initial experiments have shown that the coating extends the viability of neurons and extends the life of microelec trode arrays. The coating will extend the life of the device.

Research has shown that, over time, microelectrode arrays elicit an inflammatory response and cause damage to neurons, weakening the link. The harm to the patient isn’t significant, but because new recordings are needed to maintain the viability of the technology and the quality of information reported by reprogrammed arrays, the coating may prove useful.

One award, to epidemiologi cal faculty member Anthony Fabio and Dana Mendoza, funds a project titled “The Develop ment of a Microelectrode Needle for Neuronal Recording.” This study aims to identify a coating that will data included in the Pittsburgh Neighborhood and Community Health and Well-being study. This index will be used as a guide for identifying areas with potential for economic development. The results of this study will help Cui on her thoughts. Such technology soon may help other patients with quadriplegia or amputated limbs.

Cui will focus on the micro electrode arrays, or brain implants, that are used to connect mind and machine. As the primary investiga tor, she will explore ways to coat the needles using a combination of mol ecular compounds that may strengthen the connection between the brain implant and the microelec trode devices like robotic arms.

Cui said: “For the first few months, the data are good, but it starts to go down over time. People tend to see the amplitude of the recorded signal go down, and it becomes less useful. After about a year, we lose the channels. What we hope to do is camouflage the (microelectrode needles) with biochemicals that can escape the immune surveillance response and protect neurons around the electrodes.”

Cui has high hopes for a cell adhesive molecule called k1, which has shown positive results in animal models. In addition to protecting neurons from the damaging effects of k1, Cui also plans to use the coating to protect against other targets.

Andrew Schwartz, the neuro physiologist faculty member lead ing a study of the robotic arm in technolog y used by Scheuermann and designing the coating on Cui’s team, believes in the potential of the project. “We did one array, and we had spectacular results,” he said. “We had very nice recordings with large signals, and they seemed to be very stable, which is what we would normally see.”

But he said: “For now, the initial experiments have shown that the coating extends the viability of neurons, extends the life of microelectrode arrays by about six months, beyond what is now a nine- to 12-month life span.”

The grant also will be used to explore a new microtechnology that can translate thoughts into electrical signals and then into commands to control devices that can perform everyday tasks, such as opening doors, turning lights on and off, and stirring tea.

In two imaging will allow us to see which neurons are firing and which are not active and therefore, not being used,” she said.

Cui’s work could advance not only brain-computer interface technology but also other technolo gies that use microelectrode arrays to help people restore sight, moving, ability to commu nicate and cognitive function. Co-investigators are Medicine faculty members Carl Lagenaur, neurobiology, and Victor Zarbin, radiation oncology, as well as T.K. Koz a in the Swanson school’s bioengineering program.

The University Times Research Notes column reports findings from Pitt researchers and on findings arising from Uni versity projects. We welcome submis sions from all areas of the University and encourage submis sion via email to: utimes@ pitt.edu, by fax to 412/624- 4578, by mail to 308 Bellefield Hall.

For submission guidelines, go to pitt.edu/page id=6807.

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Cui’s work could advance not
New versions of University seal adopted

The university's institutional identity is about to become clearer.

University Communications designers have developed new versions of the University seal, optimized for print and online applications.

In addition to accommodating new communications formats, "We want to make sure the materials that represent the University are consistent in quality and appearance," said Ken Service, vice chancellor for Communications.

The standard print seal (for use in publications, stationery, advertisements, displays, marketing materials, premiums, reports, signage and video), is a simplified version of the academic seal.

An even simpler online seal is available for websites, e-publications, online presentations and social media. The most noticeable difference in the online version is the lack of vertical lines in the shield, to increase clarity when viewed on peripheral devices. "Most people won’t notice a great deal of difference," Service said.

Along with the streamlined logos come more than 100 pages of graphic standards (www.com munications.pitt.edu/graphic-standards.pdf) with do’s and don’ts for properly representing Pitt’s institutional identity. According to the standards, graphics designed by University Communications will be grandfathered in, but independent unit graphics that were created elsewhere will need to be reviewed and approved in order to continue to be used.

The new seals will be available for download in July via links at communications.pitt.edu/institutionalidentity. —Kimberly K. Barlow

**RESEARCH NOTES CONTINUED FROM PAGE 8**

for type 1 diabetes research and digestive and kidney diseases, both part of NIH; the Canadian Institutes of Health Research; the Juvenile Diabetes Research Foundation International, and the Commission of the European Communities.

**NSF funds sustainably produced magnets for electric generation**

A more energy-efficient and less time-consuming method to produce permanent magnets for power generation in machines from electric cars to windmills is the potential of a National Science Foundation grant to engineering researchers at the Swanson School of Engineering and Alcoa Technical Center in New Kensington.

The proposal, "Manufacturing of Nanostructure-Enhanced Mn-Al-base Materials via Modulated Machining and Thermo-mechanical Consolidation for High-Performance Magnets," was awarded a $299,998 NSF Grant Opportunity for Academic Liaison with Industry (GOALI) award for three years.

The research will be led by Jörg M. K. Wiezorek, faculty member in mechanical engineering and materials science, with co-PIs M. Ravi Shankar, faculty member and Whitfield Faculty Fellow in industrial engineering and Hasso Weiland at the Alcoa center. They use a machining-based process combined with low-temperature consolidation to generate dense bulk ferromagnetic aggregates, or permanent magnets, for high-performance applications.

The grant also will support graduate student fellowships in the lab.

The improved manufacture of permanent magnet materials based on abundant ingredients can positively impact the development of sustainable energy technologies from turbine power generation to electric vehicle battery charging.

The machining-based process will deliver high-purity manganese-aluminum alloy-based micro-particulates with an inter nal ultrafine-grained structure at the nanoscale level. To determine the most effective process-structure-property relationships for the magnets, the team will use physics-based numerical models with magnetic and mechanical property measurements, X-ray diffraction and electron microscopy experiments.

Additionally, the researchers’ machining-based manufacturing is adaptable to a range of alloy systems and has the potential to advance the field of powder- particulate-based manufacturing of functional and structural material in general.
The People of the Times column features recent news on faculty and staff, including awards and other honors, accomplishments and administrative news.

We welcome submissions from all areas of the University.

Send information via email to: utimes@pitt.edu, or by fax at 412-624-4579 or by campus mail to 308 Bellefield Hall.

For submission guidelines, visit www.utimes.pitt.edu?page_id=6807.

Samuel Poloyac has been named director of the Center for Clinical Pharmacology, in the School of Pharmacy.

He is a member of the Pitt faculty since 1999. He earned his Pharm.D. and Ph.D. degrees at the University of Kentucky and his B.S. in pharmacy at Pitt.

His research focuses on determining the role of drug-metabolizing enzymes in disease progression and optimizing drug therapy in critically ill patients, particularly those with stroke, cardiac arrest or traumatic brain injury.

He was a winner of the Chancellor’s Distinguished Teaching Award this year and the Academy of Students of Pharmacy Faculty Member of the Year Award in 2003.

The Center for Clinical Pharmacological Sciences is home to 15 faculty members whose work focuses on optimizing drug therapy and developing novel therapeutic interventions in areas that include the neuroscience of addiction, clinical trials of cancer, heart, brain, liver, lung and skin diseases, as well as in infectious disease, nephrology, oncology, pharmacoepidemiology/dynamics and transplantation.

Stacy McLinden has joined the Office of Admissions and Financial Aid as the federalwork-study payroll administrator. She earned her undergraduate degree in business at Pitt with a paralegal certification. As an undergradu- ate, she was a work-study student employee.

For her graduate, McLinden worked for various law firms as a paralegal and more recently as an administrator for Genesis Healthcare.

The Provost’s Advisory Coun- cil on Instructional Excellence has selected 10 teaching proposals to fund under the 2014 innovation in education awards program.

The awards, established in 2008, encourage instructional innovation and teaching excel- lence. The advisory council seeks to identify high-quality proposals that show promise for introducing innovative, creative approaches to teaching and that can be used in other courses.

Laurie J. Kirsch, Pitt vice- provost for faculty development, said, “This year, we had an espe- cially strong set of proposals. The advisory council believes that it needs to recommend 10 proposals for funding, which is a higher number than in the recent past and which reflects the overall quality of the submissions. Innovation in teaching is certainly flourishing at Pitt.”

Winners of the 2014 awards are:

Jean Ferguson Carr, direc- tor; Jennifer Lee, associate director, and Brenda Whitney, lecturer, all of the Department of English’s composition program, for “Seminar in Composition Digital Literacy Initiative.”

This project seeks to integrate digital and writing pedagogy into the University’s required Seminar in Composition course and in the training program for teaching fellows. The course’s revised syllabus will include assignments focused on building fluency in multimedia, such as the ability to compose digital essays to examine an assigned reading.

The digital composition and literary course, Carr and Lee write, will allow students to “engage with new media as readers and writers, utilizing digital texts and technologies both as tools for inquiry and as forms of inquiry.”

The overall goal, they add, is to make digital literacy a defining component in the University’s literate arts, as it is crucial for students to be savvy users of multimedia as well as in writing and research.

Philip Empey, Department of Pharmacy and Therapeutics, School of Pharmacy, for “Using Personal Genome Testing to Teach Pharmacogenomics in a Large Lecture Course.”

Pharmacists’ primary respon- sibility is to effectively manage drug therapy, a task that has become increasingly difficult with the rapid proliferation of person- alized medicine. This project’s goal is to enhance personalized medicine education so that phar- macy students will enter the field with experiential knowledge of personal genomic testing.

Empey’s project will redesign a large lecture course in the Doctor of Pharmacy curriculum to incorporate optional personal- genomic-testing technology for students and faculty. He will create learning activities to use the test- ing data and to create a database for analysis and evaluation.

The course redesign will give students a new opportunity to experience firsthand how genetic testing is performed, said Empey; allowing, among other things, the identification of limitations of genetic information.

Zsuzsa Horvath, director of faculty development, Office of Faculty Affairs, School of Dental Medicine, Susan M. Meyer, associate dean for education, School of Pharmacy, and Susan A. Albrecht, associate dean for external relations, School of Nurs- ing, for “Learning and Teaching Together to Advance Evidence-Based Clinical Education.”

The project’s goal is to enhance clinical teaching and research experien- ces in dental medicine, nursing and pharmacy by providing peda- gogical training to clinical faculty. The initiative will comprise a faculty seminar, a workshop, a three-day training session (all taught by an outside consultant), and an in-depth, semester-long course on clinical teaching skills.

The project is expected to help a significant number of clinical faculty members at the schools to implement instructional innova- tions in clinical teaching, which will help students become better learners and eventually, the future health care workforce.

Gordon R. Mitchell, assist- ant dean, University Honors Col- lege, and Kathleen M. McGugue, director of the clinical scientist track, School of Medicine’s inter- nal medicine residency program, for “Learning Lake Invasive Diagnosis: Engaging Students in Virtual Patients to Examine Clinical Decision-Making.”

This project’s goal is to enhance students’ clinical decision-making skills in patient management. This measurement strategy will be implemented in the required Doctor of Physical Therapy cur- riculum, giving students hands-on experience before they conduct their clinical internships.

Lara Holm, assistant professor, for “The Use of Assessment Virtual Patients in the Doctor of Physical Therapy curriculum, giving students hands-on experience before they conduct their clinical internships.”

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Currently, there are no ade- quate methods to assess physician training students’ understanding of, or proficiency in, clinical decision making, Hergerroeder and Hynynak write. This project will develop virtual patient cases that incorporate narrative and media and are designed to assess students’ clinical decision-making skills in patient management.

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Margaret Mary Kimmel

In an oral history Margaret Mary Kimmel gave to the Asso- ciation for Library Service to Children (ALSC) in 1995, for what purpose and on what occasion? In the previous decade, she told the interviewer:

"My greatest strength as a point on an educator, the need for people who are concerned about how children acquire knowledge, about reading, about books, about listening and life, about information in what ever form that's needed for us in the society — is more than it's ever been before. I think that we need to work with all of those other adults who are educators. I see our contribution as being unique in that ... but I see us as keepers of the story in the same way that storytellers are keepers of tradition." Kimmel, professor emerita in the School of Information Sciences' Department of Library and Information Science, died June 10, 2014.

She was a member of the University faculty in 1978 as an associate professor in that department, which she chaired during the academic year 1988-91 and of its student affairs committee.

Her most recent publication focused on children's reading activities and the state of children's services in public libraries.

In July 1998, Kimmel launched a project that would have far-reaching implications for the teaching of chemistry and other science subjects. "I want my students to be able to engage their students and really stress the service aspect — the public good — of being a librar- ian, the value that would come to children and their parents."

"She was just a person you wanted to be around," Biagini added, "because she was always ready to encourage people. Prin- cipal's service to the community also was quite impressive: "Every- one admired how she was able to leverage people's time and financial resources in a way to be a part of literacy and children's literature," she said. "I want my students to be able to engage their students and really stress the service aspect — the public good — of being a librar- ian, the value that would come to children and their parents.""
Monday 30
- Other Lifelong Learning Inst. summer session 2 begins. (info: 4-7301 or www. egc.pitt.edu/olson)

Friday 4
- University closed for Independence Day.

Saturday 5
- Summer 4-week-2 session ends. Final exams scheduled during last class meeting.

Monday 7
- Summer term & 12-week session deadline for students to submit monitored withdrawal forms to dean’s office.
- Summer 4-week-3 session enrollment period ends & classes begin.

HSLS Workshop
“Painless PubMed,” Rebecca Abromont, Falk Library, 1 p.m (jcs60@pitt.edu)