



PHOTOS BY MIKE DRADZINSKY/CODE

**Sibling revelry:** Chancellor Mark A. Nordenberg presents custom-designed t-shirts to Eva Tansky Blum and Burton Marvin Tansky, the new cochair of Pitt's \$2 billion fundraising campaign. Other members of the Board of Trustees also received the t-shirts, which read "Team Tansky: Going for 2"—as in billion.

## Brother and Sister Act: Burton Marvin Tansky, Eva Tansky Blum Named Cochairs of University's \$2 Billion "Building Our Future Together" Campaign

By John Harvith

Burton Marvin Tansky and Eva Tansky Blum—siblings, Pittsburgh natives, and Pitt alumni and trustees—have been named cochairs of the University's \$2 billion "Building Our Future Together" fundraising campaign.

Tansky is president and CEO of The Neiman Marcus Group, Inc. Blum is senior vice president, director of community affairs, and chair of the PNC Foundation, the PNC Financial Services Group.

The first-known brother and sister in the University's 220-year history to serve concurrently as Pitt trustees, Tansky and Blum also are the first-known brother and sister to cochair a higher-education fundraising campaign of the magnitude of Pitt's.

They succeed Thomas J. Usher, retired chair and CEO of United States Steel Corporation and currently chair of Marathon Oil Corporation, who has chaired Pitt's capital campaign since its inception. With Usher as chair, the campaign goal doubled twice—from \$500 million to \$1 billion in 2002 and from \$1 billion to \$2 billion in 2006—with more than \$1 billion raised thus far, making Pitt's fundraising initiative the most successful such campaign in the history of Western Pennsylvania.

"We are delighted that Burt Tansky and Eva Tansky Blum—each of whom is a distinguished Pitt alumnus and member of the University of Pittsburgh Board of Trustees—will cochair the next phase of our record-setting capital campaign," said Pitt Chancellor Mark A. Nordenberg. "Their talents, experiences, and expertise, combined with their devotion to Pitt and its mission, will reposition an already successful campaign to attract even higher levels of support. We are grateful to Burt and Eva for their willingness to serve their alma mater. We also forever will be indebted to our former

campaign chair, University Trustee Tom Usher, for his own extraordinary leadership, service, and philanthropy."

A 1961 graduate of Pitt's College of Arts and Sciences, Tansky began his career in Pittsburgh as an assistant buyer at Kaufmann's. He worked for several other retailers, including Filene's (Boston, Mass.), Rike's (Dayton, Ohio), Forbes and Wallace (Springfield, Mass.), I. Magnin (San Francisco, Calif.), and Saks Fifth Avenue (New York City) before joining The Neiman Marcus Group, Inc., in 1990, serving in a number of senior executive positions—including chair and CEO of Bergdorf Goodman and the group's president and COO—before assuming his current position, in 2001.

Tansky was honored as a Pitt Legacy Laureate in 2000, was given the Pitt Alumni Association Award of Distinction in 1990, and is a lifetime member of the Pitt Alumni Association. Tansky has been accorded numerous honors, among them the Superstar Award from Fashion Group International in 2006, a Visionaries! Award in 2005 from the Museum of Arts and Design, the 2004 Gold Medal Award from the National Retail Federation (considered the highest honor

in retailing), and, in 2002, appointment as a *Chevalier de la Legion d'Honneur* by the French government.

Blum is a 1970 graduate of Pitt's College of Arts and Sciences and a 1973 graduate of Pitt's School of Law. She began her career as an attorney in the Economic Development Administration of the U.S. Department of Commerce. She joined PNC's legal division in 1977, became vice president in 1986, and was elected senior vice president and chief compliance counsel in 1990. She has served

as senior vice president and deputy general counsel/director of regulatory affairs and has served as senior vice president and director of comprehensive risk management and compliance at PNC. She was named to her current position in July 2002.

A recipient of the Pitt Volunteer of the Year award in 1990, Blum is a member of the Executive Committee of Pitt's Board of Trustees, former president of the Pitt Alumni Association, a member of the School of Law Board of Visitors, and also a lifetime member of the Pitt Alumni Association. She is responsible for the PNC Grow Up Great program and is a member of the Citizens Advisory Committee on the Efficiency and Effectiveness of City-County Government chaired by Chancellor Nordenberg. She was the 2001

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Outgoing "Building Our Future Together" campaign chair Thomas J. Usher receives a framed citation from Chancellor Nordenberg, commemorating Usher's campaign leadership.

## Blacks the Most Disadvantaged Racial Group in Pittsburgh, Research by Pitt's CRSP Finds

By Sharon S. Blake

Blacks are the most disadvantaged racial group in Pittsburgh, based on a wide range of quality-of-life measures.

The rate for serious mental illness in the Black population is substantially higher in Allegheny County than it is across the nation.

Asians and Hispanics in the greater Pittsburgh metropolitan area are employed in management and professional positions at a much higher rate than the national average.

Only about one-quarter of Black women in Pittsburgh are married, compared with half of White and Hispanic women and two-thirds of Asian women.

These are just a few of the striking findings in the inaugural racial demographic report on the greater Pittsburgh metropolitan region compiled by the University of Pittsburgh Center on Race and Social Problems (CRSP).

Titled *Pittsburgh's Racial Demographics: Differences and Disparities*, CRSP's new report is the most comprehensive study ever done on the quality of life of multiple racial groups in greater Pittsburgh—African Americans, Asians, Hispanics, and Whites—and provides a snapshot of the quality of life for Pittsburgh area residents compared with national quality-of-life averages.

The report was released June 26 before an audience of Pitt faculty, community leaders, representatives from city and county government, as well as foundations. It is available at [www.crsp.pitt.edu/demographics.html](http://www.crsp.pitt.edu/demographics.html).

The report explores six areas: families, youth, and elderly; economic disparities; education; intergroup relations; mental health; and criminal justice. The data are expected to be helpful to policy makers, community leaders, and those who work to improve access to higher education and health delivery systems. Some of the findings follow.

### Families, Youth, and Elderly

Blacks and Whites in the Pittsburgh region, like those across the nation, live largely in racially segregated communities. This has serious implications for Black communities, which are often disadvantaged in many quality-of-life factors, including job and transportation access and public safety. Only about one-quarter of Black women in Pittsburgh are married, compared with half of White and Hispanic women and two-thirds of Asian women.

### Education

A much higher percentage of Asians and Hispanics in the Pittsburgh area have graduate or professional degrees, compared with Whites and Blacks. Black students are not as proficient as White students in math in grades 5, 8, and 11. The number of Black girls graduating from Pittsburgh public high schools has increased substantially from 2003 to 2004, but the same did not occur for Black boys.

### Economic Disparities

Home ownership rates in the Pittsburgh metropolitan area are higher for Whites

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## Resnick to Step Down as LRDC Director in 2008

Will continue here as researcher and director of Pitt's Institute for Learning



Lauren Resnick

By Patricia Lomando White

Lauren Resnick, director of the University's Learning Research and Development Center (LRDC) since 1977, will resign that post next summer.

University Professor of Psychology and Cognitive Science, Resnick will then focus on her internationally renowned research and will continue as director of Pitt's Institute for Learning.

"Few people have contributed as much to our understandings of how children learn than University Professor Lauren Resnick," said Pitt Chancellor Mark A. Nordenberg. "She is an internationally known scholar in the cognitive science of learning and instruction and has applied her knowledge to improve teacher and student performance in school systems across the country. Under her leadership, our University's Learning Research and Development Center has gained national recognition, and we always will be grateful for her commitment, both to leading-edge educational research and to Pitt."

Pitt Provost and Senior Vice Chancellor James V. Maher said Resnick's decision to resign as LRDC director "concludes 30

years of notably successful administrative leadership and service in that position to the center and to the University. It has been an honor to work with Dr. Resnick, both in her role as director and in her participation in the activities of our Council of Deans."

Promoted to the rank of University Professor in January 2006, Resnick is the founder and director of the Institute for Learning, providing organizational design, professional training services, and research on learning and teaching advances to urban school districts across the nation. She also was the cofounder and codirector of the New Standards Project, which developed educational standards and assessments for school districts and governments.

Among Resnick's many awards and honors are the European Association for Research on Learning and Instruction Oeuvre Award for outstanding contributions to the science of learning and instruction, the American Psychological Association's (APA) Edward L. Thorndike Award for distinguished contributions to psychology of education, and APA's 2007 Distinguished Contribution of Applications of Psychology to Education and Training Award. She is a lifetime national associate of the National Academies of Science, Engineering, and Medicine; a member since 1981 of the National Academy of Education; a fellow of the American Association for the Advancement of Science; and a fellow of the American Psychological Association.

Resnick was founding editor of *Cognition and Instruction* and, more recently, of *Research Points*. She is past president of the American Educational Research Association. Resnick has been awarded honorary doctorates by two European universities.

She earned an AD in history at Radcliffe College in 1957, graduating magna cum laude with the Radcliffe History Prize; an AM in teaching at Harvard University Graduate School of Education in 1958; and an EdD in research in instruction at Harvard University Graduate School of Education in 1958.

A search committee, chaired by Vice Provost George E. Klinzing, will be formed in the coming months to identify a new director of LRDC.

## Blacks the Most Disadvantaged Racial Group In Pittsburgh, Research by Pitt's CRSP Finds



Research by Pitt's Center on Race and Social Problems found Blacks to be the most disadvantaged racial group in Pittsburgh, while Asians and Hispanics here are employed in management and professional positions at a much higher rate than the national average.

Continued from Page 1

and Hispanics, compared with the rest of the country. And, as is the case throughout the country, Asians in this region have the highest median household income. All four racial/ethnic groups use public transportation at a higher rate to go to work in the Pittsburgh area than do like groups elsewhere in the nation.

### Intergroup Relations

About half of Allegheny County's Black residents and one-fifth of its White residents see race relations as a serious problem both in the region and nation. Half of the county's Black residents also reported being victims of unfair treatment or discrimination in a store within the last six months. Fewer than half of the county's Black residents said they

believe citizens of all races are treated fairly by the police.

### Mental Health

Pitt researchers found the rate of serious mental illness in Allegheny County substantially higher among Blacks than Whites. Whites with an income of less than \$25,000 a year have a higher rate of serious mental illness than Whites with a higher income. Blacks who earn less than \$25,000 a year have a higher rate of serious mental illness than Whites who earn that amount.

### Criminal Justice

In the Pittsburgh region, most of the Black individuals arrested for murder and non-negligent manslaughter are involved in cases in the city of Pittsburgh, while the majority of White arrests for the same crimes are outside Allegheny County. The majority of juveniles and adults arrested for property crime in the city are Black, while most of the juveniles and adults arrested for property crime in the Pittsburgh Metropolitan Statistical Area and the nation overall are White.

CRSP will release a followup report, exploring solutions to some of these problems, within the next year.

## Pitt Campaign Leaders



From left, outgoing "Building Our Future Together" campaign chair Thomas J. Usher and new cochairs Eva Tansky Blum and Burton M. Tansky, pictured at the Board of Trustees' annual meeting June 29.

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recipient of the Carlow College Women of Spirit Award, was named in 1999 one of Pennsylvania's Best 50 Women in Business by former Pennsylvania Governor Tom Ridge, and was honored with the YWCA Tribute to Women Award in 1998.

"Burt and Eva have been longtime supporters of the University of Pittsburgh and our fundraising efforts," said Albert J. Novak Jr., vice chancellor for Institutional Advancement. "They have served as loyal volunteers in the past and we are excited that they are willing to join forces to help us engage our alumni across the county."

Tansky's giving to Pitt has included

broad-based support of various University initiatives in addition to the creation of the Burton M. Tansky Fund in Pitt's School of Arts and Sciences.

Blum's long-term support of the University has included gifts to various initiatives and units, including the School of Law, the Department of Athletics, and the Pitt Alumni Association.

Tansky and Blum, with their sister Shirley Gordon, made a donation in June 2006 to name the Tansky Family Lounge in the William Pitt Union in memory of their parents, Harry and Jeanette Tansky, immigrants from Poland and Russia, respectively, who settled in Pittsburgh.

## Chronicling

An ongoing series highlighting University of Pittsburgh history



July 18, 1955—The announcement of the election of Edward H. Litchfield as Pitt's 12th chancellor is made at a news conference held in downtown's Duquesne Club. Alan M. Scaife, chair of the University's Board of Trustees, says, "Dr. Litchfield has been named chancellor at a critically important time in the University's history. We have completed 10 years of unprecedented development under the leadership of Dr. [Rufus] Fitzgerald. Now the trustees have set forth new goals, which, when realized, will place the University of Pittsburgh among the leaders of the world's great universities." In a letter dated July 20, 1965, Litchfield (pictured) will resign amid Pitt's mid-1960s financial crisis.



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# Science & Technology



## Heavier May Mean Healthier For People With Type 1 Diabetes

Pitt researchers find more fat equals less coronary artery calcification

By Michele Baum

Pitt researchers studying links between an early sign of heart disease called coronary artery calcification and body fat have found that, paradoxically, more fat may have some advantages, at least for people—particularly women—who have Type 1 diabetes.

Cardiovascular complications, including heart disease, are a leading cause of death for people with diabetes, who tend to suffer cardiovascular disease decades earlier than nondiabetics.

“Gaining weight may reflect good or better treatment with insulin therapy, which may partly explain why participants who gained weight over time had lower mortality rates,” said Trevor Orchard, a professor of epidemiology in Pitt’s Graduate School of Public Health (GSPH), who presented the findings during the American Diabetes Association’s annual meeting June 22-26 in Chicago.

The research by Orchard and his colleagues focused on 315 patients with Type 1 diabetes participating in the Pittsburgh Epidemiology of Diabetes Complications Study, an 18-year prospective study of childhood onset Type 1 diabetes, which began in 1986. As part of the study, the patients recently received a special computed tomography scan (CT) to assess coronary artery calcification.

The participants’ mean age was 42, and mean duration of diabetes was 34 years. In addition to the CT scan, patients were evaluated for fat underneath the skin and in the abdominal region, body mass index (BMI), and

waist circumference. Although investigators noted a positive association for all measures of fatness and having any coronary artery calcification, in the two-thirds of patients who had calcification, the relationship reversed so that people with more fat had less severe calcification.

This association also varied by gender. Women with less fat under the skin had more evidence of coronary artery calcification than those with more fat. Thinner men also had more evidence of coronary artery calcification than men with a higher BMI.

“What it comes down to is a kind of double-edged relationship,” said GSPH graduate student Baqiyyah Conway, lead author of the abstract detailing Pitt’s findings, adding that these associations of less severe artery calcification with greater fat

persisted even when controlling for standard cardiovascular disease risk factors such as increased levels of LDL, or bad cholesterol, triglycerides, high blood pressure, and lower levels of HDL, or good cholesterol.

Controlling for kidney disease, another common complication of diabetes, weakened the association in men but not in women.

“This is not a firm recommendation to people with Type 1 diabetes to put on weight, but it does raise the possibility that weight recommendations in Type 1 diabetes may be somewhat different than those for the general population, and emphasizes the complex relationship between body fat and cardiovascular risk in diabetes,” said Orchard, who also is a professor of medicine and pediatrics in Pitt’s School of Medicine.

**“Gaining weight may reflect good or better treatment with insulin therapy, which may partly explain why participants who gained weight over time had lower mortality rates.”**

**—Trevor Orchard, professor of epidemiology in Pitt’s Graduate School of Public Health**

## Beating Pulse

Weathered, flattened corpse of rival falcon from Cleveland found when Cathedral of Learning nest removed for restoration project

By Morgan Kelly

The male peregrine falcon that launched a failed takeover of the nest atop Pitt’s Cathedral of Learning in March came from the Cleveland area, but as natural justice would have it, he won’t be going back.

Caretakers of the Pitt nest discovered the interloper’s withered and nearly decapitated body in a water drain on the Cathedral’s 40th floor July 2 as they removed the falcons’ nest so that restoration crews can clean the tower’s top.

The fallen bird’s tracking band identified him as being named Pulse, born at the Hilliard Road Bridge in Lakewood, Cuyahoga County, Ohio, in 2004. His body finally explains how his daring, early morning invasion of the row show Pulse and Erie, the paterfamilias of the Pitt nest, slashing each other with their talons and beaks for 20 minutes before rolling out of the nest and out of view.

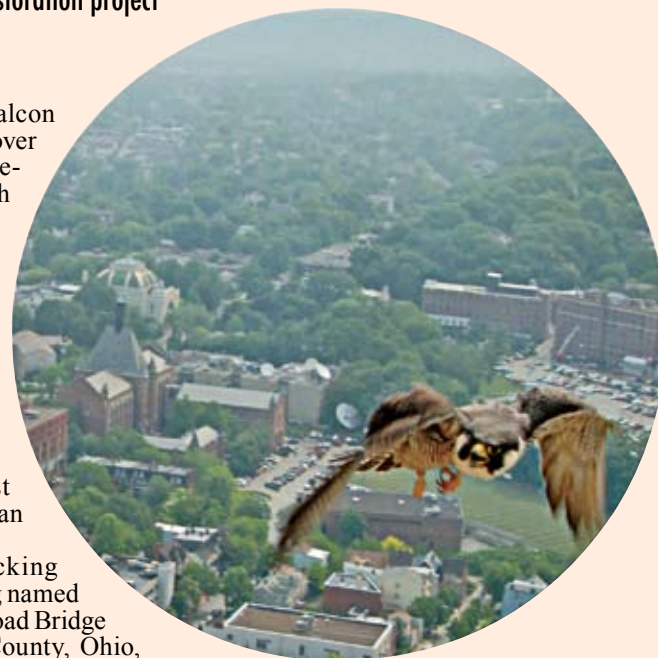
Those who monitor the nest pronounced Erie the victor because of the familiar manner in which the triumphant male and the female falcon Dorothy subsequently behaved. Pulse was assumed to have flown away in defeat when he was unable to claim the mate, nest, and perch.

A slide presentation of the fight is available on the Western Pennsylvania Conservancy’s Web site at [www.paconserve.org/rc/peregrine-07-images/index.html](http://www.paconserve.org/rc/peregrine-07-images/index.html). The images provide a rare glimpse into how adult falcons seize an occupied nest, a common occurrence.

For an earlier report on March 18’s falcon fracas, see the March 26 *Pitt Chronicle*, available online at [www.chronicle.pitt.edu/?p=79](http://www.chronicle.pitt.edu/?p=79).

Although dead, Pulse could still provide important information on the behavior and living conditions of peregrine falcons, said Anthony Bledsoe, a lecturer of biological sciences in Pitt’s School of Arts and Sciences who helps monitor the falcons. An analysis of the remains could reveal the levels of toxins and air pollutants he was exposed to in life. Such information could shed light on the environments in which falcons live and threats to their survival. Peregrine falcons are a protected species in Pennsylvania.

By determining the cause of death—which currently appears to be a massive wound to the neck—researchers can gain insight on how falcons fight and defend themselves, Bledsoe said. In this case, an interesting component is that the nine-year-old Erie bested a three-year-old challenger,



Pitt’s victorious peregrine falcon, “Erie” flies high above Oakland as he circles the top of the Cathedral of Learning

an outcome that defies conventional reason, he said.

Pulse also holds potential clues about local falcon behavior. Falcons in Western Pennsylvania and Ohio seem to interact

frequently, said Kate St. John, a volunteer for the Western Pennsylvania Conservancy (WPC) who monitors the Pitt falcons and who also found Pulse’s body. Erie hails from Columbus and many of his Pittsburgh-born children have flown west to Cleveland, Toledo, and Youngstown, among other cities. That seems sensible, except that Dorothy comes from far-off Wisconsin. By knowing Pulse’s identity and origin, Bledsoe said, it might help to determine if peregrine falcons maintain a regional pattern in how they breed and seek out nests.

Erie and Dorothy have lived on the Cathedral since 2002 and raised 22 chicks, including four that left the nest for good last month. Erie and Dorothy most likely will continue living at the Cathedral as the \$4.8 million restoration project progresses toward the tower’s summit, Bledsoe said. Erie and Dorothy claim the entire 42-story Gothic-revival building as their territory and rarely visit the nest outside of the early spring nesting season.

Cost Company, which was hired by Pitt to clean off more than 70 years’ of industrial soot and preserve the structure, rearranged its cleaning schedule earlier this year as to avoid the falcon nest until the chicks hatched and flew away on their own. A new nest for Erie and Dorothy will be installed after the restoration project concludes in September.

**The fallen bird’s tracking band identified him as being named Pulse, born at the Hilliard Road Bridge in Lakewood, Cuyahoga County, Ohio, in 2004. His body finally explains how his daring, early morning invasion on March 18 ended.**

# Science & Technology

## Contributor to Aggressive Cancers Identified by Pitt Medical Researchers

Mutations in cell-adhesion molecule allow tumor cells to grow more rapidly, spread beyond original site

By Jim Swyers

Mutations in the cell adhesion molecule known as integrin alpha 7 (integrin  $\alpha 7$ ) lead to unchecked tumor cell proliferation and a significantly higher incidence in cancer spread, or metastasis, in several cancer cell lines, Pitt School of Medicine researchers found in a study published in the *Journal of the National Cancer Institute* on June 6.

These findings suggest that integrin  $\alpha 7$  represents an important new target for cancer therapy and prevention.

Integrin  $\alpha 7$  belongs to a major class of cell membrane proteins that play a role in the attachment of a cell to the extracellular matrix (ECM), which is the material that holds cells within a particular type of tissue together. Integrins also help cells attach to one another and are involved in transmitting chemical signals between cells and the ECM.

Pitt researchers led by Jianhua Luo, a professor in the medical school's Division of Molecular and Cellular Pathology, examined whether this gene is mutated in specimens of various human cancers as well as whether the level of integrin  $\alpha 7$  expression is associated with clinical relapse of human cancers. They also investigated whether integrin  $\alpha 7$  has tumor suppressor activity.

To determine whether mutations in integrin  $\alpha 7$  contribute to cancer, Luo and his collaborators sequenced the integrin  $\alpha 7$  genes from 66 human cancer specimens and cell lines representing a number of different kinds of cancer, including cancer of the prostate, liver, brain (glioblastoma), and muscle (leiomyosarcoma).

They found mutations in the integrin  $\alpha 7$  gene, particularly those that resulted in an abnormally shortened protein product, or truncation, in 16 of 28 prostate cancers. They also found truncation-inducing mutations in five of 24 liver cancer samples, five of six glioblastomas, and one of four leiomyosarcomas.

Integrin  $\alpha 7$  mutations also were associated with a significant increase in the recurrence of cancer among patients. Nine of 13 prostate cancer patients with integrin  $\alpha 7$  mutations experienced a recurrence of their cancer after radical prostatectomy versus only one of eight prostate cancer patients without such mutations. There were five recurrences among eight hepatocellular carcinoma patients with integrin  $\alpha 7$  mutations versus only one recurrence of cancer among 16 patients without such mutations.

To examine the effect of alterations in the level of integrin  $\alpha 7$  on tumor formation, the researchers assessed the ability of cancer cells to form colonies in a standard growth medium after increasing or decreasing the level of



normal integrin  $\alpha 7$  in the cell lines. In this experiment, control cancer cells formed large colonies with up to 100 cells each. Cancer cells with normal levels of integrin  $\alpha 7$  expression formed fewer and smaller colonies. When investigators decreased the level of integrin  $\alpha 7$  in two cancer cell lines using siRNAs, or silencing RNAs, both cell lines formed more colonies and grew better than corresponding control cell lines.

"When we increased levels of normal integrin  $\alpha 7$  in cancer cells, they grew at a much slower rate," Luo said. "This suggests that this protein is a fairly potent tumor suppressor."

Luo and his colleagues then investigated the role of integrin  $\alpha 7$  in metastasis by examining the relationship between the level of integrin  $\alpha 7$  expression and cell migration by increasing the expression of normal integrin  $\alpha 7$  in three cell lines. The migration rate was significantly reduced in all of the cells compared to those in which the expression of integrin  $\alpha 7$  remained deficient, suggesting that the level of normal integrin  $\alpha 7$  expression is inversely associated with tumor cell migration.

Finally, to investigate whether normal integrin  $\alpha 7$  possesses tumor-suppressor activity, the researchers implanted human cancer cells into immune deficient mice. Some mice received tumor cells in which levels of integrin  $\alpha 7$  were increased, while others received tumor cells in which the levels of normal integrin  $\alpha 7$  were decreased. Six weeks after mice were implanted with cancer cells in which levels of normal integrin  $\alpha 7$  were deficient, they had tumors with an average volume about four times as large as mice with implanted cancer cells in which normal integrin  $\alpha 7$  levels were increased.

Similarly, the researchers found no

visible metastasis in mice with tumors in which levels of normal integrin  $\alpha 7$  had been increased. On the other hand, they did find evidence of metastasis in three of 12 mice with one type of tumor deficient in normal integrin  $\alpha 7$  and in four of the 12 mice with another type of tumor deficient in normal integrin  $\alpha 7$ . Furthermore, the six-week survival of mice bearing tumors with increased levels of normal integrin  $\alpha 7$  was higher than that of mice bearing tumors in which normal integrin  $\alpha 7$  had not been experimentally increased. Thus, increasing the level of normal integrin  $\alpha 7$  in tumors was associated with decreased tumor growth and metastasis in this animal model.

According to Luo and his fellow researchers, these findings suggest that not only is integrin  $\alpha 7$  an important tumor suppressor, but it is potentially a critical new target for cancer treatment.

"Our study shows rather definitively that when we experimentally decreased the level of integrin  $\alpha 7$  protein or the protein was naturally mutated in cells, those cells lost their inhibitory signals for both cell migration and proliferation," Luo explained. "This suggests that the loss of integrin  $\alpha 7$  activity may lead to unchecked tumor cell proliferation and a significantly increased risk of tumor metastasis. More importantly, it suggests that if we can somehow restore normal integrin  $\alpha 7$  levels in tumor cells in vivo, we may be able to reduce the risk of them spreading to other sites, which would be a significant achievement in cancer therapy."

This research was supported by grants from the National Cancer Institute, the Pitt Department of Urology's development fund, and the John Rangos Foundation for Enhancement of Research in Pathology.

## Adding Medication Improves Recovery for Elderly With Major Depressive Disorder



By Jocelyn Uhl Duffy

Adding a medication to a standard treatment regimen for major depressive disorder in the elderly improves chances of recovery in those who do not adequately respond to the first-course therapy or who relapse from it, according to a Pitt School of Medicine study published in the June issue of the *American Journal of Psychiatry*, the official journal of the American Psychiatric Association.

Up to 84 percent of the elderly who experience depression either fail to respond to first-course treatment or relapse during the first six to 12 weeks of treatment, studies have shown.

The Pitt research found that adding a second drug to the treatment of depressed participants over the age of 70 who either did not respond to initial treatment with the antidepressant paroxetine and interpersonal psychotherapy, or to those who responded to the initial treatment but quickly relapsed, caused the likelihood of recovery to rise from 40 percent to 60 percent. Recovery was slower in those who did not respond to the original treatment.

"Depression should not be considered a normal part of aging. The scientific evidence is growing that there are a number of effective treatment options available for people of all ages," said Mary Amanda Dew, a Pitt professor of psychiatry, psychology, and epidemiology and lead author of the study.

Pitt researchers followed 105 adults aged 70 or older who had major depressive disorder and who did not respond to standardized treatment of paroxetine and interpersonal psychotherapy or who did respond but experienced an early recurrence of depressive symptoms. Participants were given one of three augmenting agents: sustained-release bupropion, nortriptyline, or lithium. Researchers selected the additional agent that each participant received based on individual medical status and history. Thirty-six participants either declined new medicine or did not receive augmentation because of accompanying medical conditions.

Half of the patients who did not respond to the initial treatment responded to the augmentation therapy. It took a median 28 weeks for the participants to achieve recovery. Of the patients who relapsed after the initial therapy, 67 percent recovered after augmentation over a median recovery time of 24 weeks. Of the patients who responded to the first-course therapy of paroxetine and psychotherapy, 87 percent achieved recovery.

"While the recovery rates of those receiving augmentation are not as high as in those who responded to first-line therapy, the recovery rates are still high enough to suggest that augmentation should be tried when older adults' depression is not improving," said Dew.

Pitt's study was funded by the National Institute of Mental Health.

# Trustees Elect, Re-Elect Members; Approve Student Fee Increases; and Amend Bylaws



In a report to the Board of Trustees summarizing institutional successes during the last year, Chancellor Mark A. Nordenberg noted that Pitt ranks in the uppermost tier of U.S. public research universities, according to the 2006 annual report of The Center for Measuring University Performance.

Pitt Board of Trustees Chair Ralph J. Cappy and Vice Chairs Suzanne W. Broadhurst and Robert M. Hernandez were re-elected to one-year terms during the board's annual meeting June 29.

Cappy is Chief Justice of Pennsylvania. Broadhurst is director of corporate giving for Eat 'n Park Hospitality Group, and Hernandez is chair of RTI International Metals, Inc. and retired vice chair and chief financial officer of USX Corp.

Also during the meeting, the Board of Trustees:

- Elected new members and re-elected others to the board and its executive committee;
- Elected and re-elected University directors and members of the University of Pittsburgh Medical Center (UPMC) Board of Directors' executive committee and the UPMC Presbyterian Shadyside Board of Directors;
- Approved increasing the student orientation fees at Pitt's Greensburg and Titusville campuses, the student center fee at Pitt-Greensburg, and the student activity fee at Pitt-Johnstown; and
- Amended the board's bylaws to eliminate term limitations for community representatives on trustees committees.

## New and re-elected members of Pitt and UPMC boards and committees

Elected as members of Pitt's Board of Trustees were:

- Terrence "Terry" P. Laughlin (KGSB '81) of New York City, senior vice president and head of Strategic Growth Opportunities, Merrill Lynch & Co., Inc., and chair of Merrill Lynch Bank & Trust Co., FSB;
- Susan P. McGalla of Pittsburgh, president and chief merchandising officer of American Eagle Outfitters, Inc.;
- Bryant J. Salter (CAS '71) of Florida, founder and CEO of Business Diplomacy Consulting, LLC; and
- Stephen R. Tritch (ENGR '71, KGSB '77) of Monroeville, president and CEO of the Westinghouse Electric Company.

Laughlin, McGalla, Salter, and Tritch were advanced for election as trustees by the board's nominating committee.

Also elected to Pitt's board were:

- David Tilstone, president of Extrude Hone Corp., a subsidiary of Kennametal Inc. and a member of the Pitt-Greensburg advisory board, and
- Emil M. Spadafore Jr. (CAS '71), a partner in the Meadville, Pa., law firm of Thomas, Spadafore, Walker & Keenan and chair of the Pitt-Titusville advisory board.

Tilstone and Spadafore were advanced for election as trustees by the Greensburg and Titusville advisory boards.

For biographies of Laughlin, McGalla, Salter, and Tritch, see story in the June 25 *Pitt Chronicle* available online at [www.chronicle.pitt.edu/?p=430](http://www.chronicle.pitt.edu/?p=430). For biographies of Tilstone and Spadafore, visit [www.chronicle.pitt.edu/?p=456](http://www.chronicle.pitt.edu/?p=456).

Re-elected to Pitt's board during the June 29 annual meeting were G. Nicholas Beckwith III, chair and CEO of Arch Street Management, LLC; Michael A. Bryson, chief financial officer and director of finance and corporate strategy, Mellon Financial Corp.; Ralph J. Cappy; F. James McCarl III, president of The McCarl Group; John H. Pelusi Jr., executive managing director and managing member, Holliday Fenoglio Fowler L.P.; William E. Strickland Jr., president and CEO, Manchester Bidwell Corp.; and Burton M. Tansky, president and CEO, Neiman Marcus Group.

Elected to the board's executive committee for one-year terms ending June 2008 were Eva Tansky Blum, senior vice president, PNC Financial Services Group; John G. Conomikes, chair of the executive committee of Hearst Argyle Television, Inc.; George L. Miles Jr., president and CEO, WQED Multimedia; Marlee S. Myers, managing partner, Pittsburgh office of Morgan Lewis & Bockius LLP; Thomas H. O'Brien, retired chair, PNC Financial Services Group; and Robert A. Paul, chair and CEO, AMPCO-Pittsburgh Corp.

Re-elected as first vice chair of the UPMC Board of Directors was Ralph J. Cappy. Elected as University Directors on UPMC's board were Marlee S. Myers and Thomas J. Usher, chair of Marathon Oil Corporation; re-elected as a University Director on the UPMC board was Steven G. Elliott,

senior vice chair, Mellon Financial Corp.

Elected as members of the UPMC board's executive committee were Robert G. Lovett, partner, Lovett Bookman Harmon Marks LLP; and Thomas J. Usher. Re-elected were J.W. Connolly, retired senior vice president, H.J. Heinz Co.; William S. Dietrich II, managing director, Dietrich Charitable Trust; Ira J. Gumberg, president the CEO, J.J. Gumberg Co.; Robert M. Hernandez; Arthur S. Levine, Pitt senior vice chancellor for health

sciences and dean of the School of Medicine; Martin G. McGuinn, retired chair and CEO, Mellon Financial Corp.; Pitt Chancellor and CEO Mark A. Nordenberg; Robert A. Paul; and William E. Strickland.

## Student fees

Pitt trustees approved increasing Pitt-Greensburg's student orientation fee by \$10 to \$50 for first-year students. The board also approved increasing Pitt-Greensburg's student center fee from \$37 to \$45 per term for full-time students and from \$14 to \$17 per term for part-time students. The increases will take effect this fall. The fees had not been increased since 2000.

In addition, trustees approved increasing Pitt-Johnstown's student activity fee from \$58 to \$83 for each fall and spring term for full-time students, effective this fall. The fee was last increased in 2000.

Also, trustees approved increasing Pitt-Titusville's student orientation fee for new full-time students from \$45 to \$60, effective this summer. The fee was last increased six years ago.

## Bylaws amendment

Board of Trustees committees other than the Executive, Nominating, Compensation, and Conflict of Interest Committees may include community members who attend meetings as nonvoting representatives. Board bylaws formerly held that such community representatives could serve no more than four consecutive one-year terms. But trustees voted June 29 to eliminate that term limit.

"The University has benefited greatly from the expertise provided by community representatives, particularly in the fields of finance and investing," read the background statement for the resolution amending the bylaws. "In order to maintain the continuity of service and expertise of community representatives on Board of Trustees committees, it is deemed appropriate that the term limitation be eliminated."

## John Verbanac Appointed Commonwealth of Pennsylvania Trustee on Pitt's Board of Trustees

By John Harvith

Pitt alumnus John Verbanac of Cranberry Township, Pa.—CEO of Summa Development, LLC, the real estate arm of investment holding company Summa Group LLC—has been appointed by Pennsylvania Senate President Pro Tempore Joseph Scarnati of Warren, Pa., to be a Commonwealth trustee on Pitt's Board of Trustees, effective June 30.

Experienced as a leader in diverse categories of business and at all levels of government, Verbanac has served since early 2005 as a director of Summa Group, which manages a diversified portfolio of service and technology companies.

From 1994 through 2004, Verbanac served in a number of business leadership positions and undertook several entrepreneurial ventures.

Several years ago, Verbanac nurtured the growth of two start-up companies: IdeaMill, a Pittsburgh-based branding and advertising firm, and Neri-Verbanac Public Affairs, a Harrisburg-based public affairs agency. In less than three years, Neri-Verbanac's leading product, *The Insider*,



John Verbanac

became Pennsylvania's largest statewide political publication; as its chair, Verbanac led the firm to maturation and broadened its offerings, culminating in its sale in 2005.

From 1997 to 2000, Verbanac led the restructuring of BrabenderCox as the marketing/advertising company's executive vice president. Throughout its restructuring and subsequent launch of a new brand—Adams Marketing, of which Verbanac became president—BrabenderCox underwent substantial growth.

From 1994 to 1997, Verbanac was vice president of public affairs at Ketchum Communications Worldwide, one of the world's leading public relations firms, handling such major national brands as GNC, MCI, Wal-Mart, Heinz, and the Commonwealth of Pennsylvania.

Verbanac began his career in government and politics working on Capitol Hill for two U.S. senators and a member of Congress; during that time, he functioned as a senior aide and political strategist. He received a Bachelor of Arts degree from Pitt's College of General Studies in 1990.

# Awards & More

**Juan Manfredi**, currently chair of the Department of Mathematics in Pitt's School of Arts and Sciences, will become the school's associate dean for undergraduate studies, effective Sept. 1.

As associate dean, Manfredi will chair the Arts and Sciences Undergraduate Council, convening and leading that council and representing it on the Arts and Sciences Council; as such he will be responsible for providing leadership on curricular issues. Manfredi also will lead the team of assistant deans and other professionals who provide the academic services traditionally expected of the Office of the Associate Dean for Undergraduate Studies, including the Advising Center, the Academic Resource Center, the Office of Experiential Learning, Student Records, and Freshman Programs.

"Dr. Manfredi has a distinguished record as a teacher," wrote N. John Cooper, dean of the School of Arts and Sciences, in a memorandum to the school's department chairs and program directors, announcing Manfredi's appointment. "He has been deeply engaged with our undergraduate program throughout his career at the University of Pittsburgh, and led the team that started our Calculus Project, an initiative that brought core calculus instruction into the digital age in the early 1990s. Dr. Manfredi's innovative teaching of undergraduate calculus was supported financially by the NSF (National Science Foundation) between 1993 and 1996, and his contributions were recognized through the Chancellor's Distinguished Teaching Award in 1994.

"Dr. Manfredi is an experienced academic administrator," Cooper added, "including service as an NSF program director and, since 2005, as chair of our Department of Mathematics."

Manfredi's research specialty is nonlinear potential theory, using the methods of classical complex analysis, nonlinear partial differential equations, harmonic analysis, and the theory of quasi-regular mappings. Manfredi has published extensively in the major peer-reviewed journals of his discipline and has a strong record of NSF support for his research.

He came to Pitt as an assistant professor in 1989 and was promoted to associate professor and awarded tenure in 1993. He was promoted to professor in 1998.

Mathematics professor **Ivan Yotov** will serve as interim chair of the math department from Sept. 1, 2007, until Aug. 31, 2008.

The **Global Studies Program** within Pitt's University Center for International Studies has been awarded a \$78,000 grant by the Fulbright-Hays Group Projects Abroad, part of the International Education Programs Service of the U.S. Department of Edu-

cation. With the goal of helping U.S. educators integrate Islamic culture and history into their curricula, the grant—titled Islam, the West, and the Muslim World—will enhance the participating educators' abilities to offer valuable information in the classroom, design curriculum models for secondary and higher education, and speak about the Islamic world in their communities.

The resulting course work, curriculum models, and publicly available syllabi will be designed to expand academic offerings at a range of education institutions.

From June 24 through July 22, representatives of Pitt, five regional colleges, and two high schools participated in an Egypt study tour that was developed in collaboration with South Valley University in Qena and the Program for Dialogue of Civilizations at the Faculty of Economics and Political Science at Cairo University.

The Egyptian tour included visits to Luxor, where group members focused on ancient Egypt; Alexandria, where the fusion of East and West from ancient times to the British occupation was studied; and Cairo, where participants investigated the evolution of religious diversity and the spread of Islam into contemporary society. The tour included seminars with Egyptian faculty members; discussions with religious, cultural, political, and community leaders; visits to historic sites; and attendance at cultural performances.

**Christine Hippert**, who recently completed the joint PhD and Master of Public Health program in anthropology and public health at Pitt, has been awarded the inaugural Eduardo Lozano Memorial Dissertation Prize.

Hippert was nominated for her dissertation, titled "Identity and Development in Rural Bolivia: Negotiating Gender, Ethnicity, and Class in Development Contexts."

The Eduardo Lozano Memorial Dissertation Prize is awarded annually for the best doctoral dissertation at Pitt on a topic related to Latin America, the Caribbean, or Latin American communities in other countries. The prize includes a \$1,250 cash award. It was created to honor the life and work of the late Eduardo Lozano, who founded the Latin American collection at Hillman Library in 1967 and directed it until his death in August 2006. Lozano developed the collection into one of the most outstanding of its kind in the world.

Hippert will assume a tenure-track position as an assistant professor in the Department of Sociology and Archaeology at the University of Wisconsin-La Crosse in the fall.

**Sanford Asher**, Distinguished Professor of Analytical Chemistry, Biophysical Chemistry, Materials Sciences, and Physical Chemistry in Pitt's School of Arts and Sciences, will receive the 2008 Pittsburgh Spectroscopy Award at the 2008 Pittcon Conference & Expo in New Orleans



in March 2008.

Established in 1957, the award honors individuals with an outstanding record of contributions to the field of applied spectroscopy, or the study of the interaction of light particles and matter. The Spectroscopy Society of Pittsburgh presents the award.

Asher has been at the forefront of spectroscopy for more than 20 years, having pioneered the development of UV Raman Spectroscopy, which allows the study of interactions between molecular electron clouds and nuclear vibrations. Asher also was instrumental in the development of a noninvasive method to detect glucose levels in bodily fluid. Using a sensory material worn like a contact lens, millions of diabetics could one day be spared the ordeal of having to prick their fingers to check blood sugar levels. The thin plastic sensor would change colors based on the concentration of blood glucose.

**Susan M. Meyer**, professor and associate dean of education in Pitt's School of Pharmacy, has been elected to a three-year term on the Board of Directors of the Association for Prevention Teaching and Research (APTR). APTR is an inter-professional association that advances population-based and public health education, research, and service. APTR members include health professionals, faculty, and students within academic departments, public health graduate programs, health agencies and schools of public health. APTR provides essential linkages to bring together individuals and institutions devoted to health-promotion and disease-prevention education and research.



Juan Manfredi



Sanford Asher



## Carnegie Science Center Awards for Excellence

**Cara J. Hayden** (center), associate editor of *Pitt Magazine*, received the Carnegie Science Center's 2007 Award for Excellence in the Journalism category. Pictured, from left, at the awards ceremony are Karen Hoffmann, a communications manager in Pitt's School of Arts and Sciences; Gary A. Cravener, art director in the Pitt Office of Public Affairs' Department of News and Magazines; Hayden; *Pitt Magazine* Editor Cindy Gill; and Robert Hill, Pitt vice chancellor for Public Affairs.

Other recipients of Carnegie Science Center 2007 Awards for Excellence from Pitt were **Sanjeev Shroff**, Professor and Gerald McGinnis Chair in Bioengineering and a professor of medicine (the awardee in the University/Post-Secondary Educator category); **Eric J. Beckman** and **Gena M. Kovalcik**, codirectors of the Pitt School of Engineering's Mascaro Sustainability Institute (Environmental category); **Harvey S. Borovetz**, professor and chair of Pitt's Department of Bioengineering, Robert L. Hardesty Professor in the surgery department, and professor of chemical and petroleum engineering (Life Sciences category); and Pitt chemistry professor **Kay M. Brummond** (Emerging Female Scientists category).

# Cathedral of Learning Society

The **University of Pittsburgh Alumni Association** recently elected eight new members to its 2007-08 board of directors. Dexter Edmunds, Arnold Epstein, Lauren Feintuch, Alka Patel, and Haig Sakoian were elected to the position of director at large. Rebecca Borghi, Aminu Idris, and Chris Porter were elected to the position of regional director.

Both positions carry a two-year office term and a wide range of responsibilities, including serving as hosts at Alumni Association events and on Alumni Association committees.

Biographical information of the newly elected officials follows:

**Dexter Edmunds** is president and CEO of Business Diplomacy Consulting, LLC. He graduated from the University in 1984 with a BS degree in information technology. He has since served the Alumni Association as a Pitt Golden Panther and a member of the Pitt Letterman Club. Edmunds resides in Atlanta, Ga.

**Arnold Epstein** is an adjunct instructor in Pitt's Administration of Justice and Legal Studies program. He graduated from Pitt in 1969 with a BA degree in education. As a member of the University's Alumni Leadership Council, Epstein has supported numerous Alumni Association activities. He resides in Pittsburgh.

**Lauren Feintuch** graduated from Pitt's College of Business Administration in 2006 with a degree in marketing. As an alumnus, Feintuch has served as president of Omicron Delta Kappa and the Society of International Business. She resides in Hoboken, NJ.

**Alka Patel** is an associate of Pepper Hamilton, LLP. Patel graduated from the University in 1996 with a BS degree in materials science and engineering. Patel resides in Pittsburgh.

**Haig Sakoian** is the global director of Environment Health and Safety and Operations Audit with Alcoa Inc. Sakoian has earned three degrees at Pitt: a BS degree in biochemistry in 1975, an MS degree in industrial hygiene in 1979, and an MBA degree in 2004. Sakoian has served as a corporate level sponsor for the University's Athletics programs. He resides in Pittsburgh.

**Rebecca Borghi** is a medical technologist with INOVA Fairfax Hospital. Borghi graduated from the University's School of Health and Rehabilitation Sciences in 1997. She has served as membership chair of the Chesapeake & Potomac Pitt Club and in various positions with the Alumni Leadership Council. She resides in Fairfax, Va.

**Aminu Idris** is an assistant director with the Independent National Electoral Commission. Idris graduated from the University with a BA degree in political science in 1985 and an MPA degree in 1987. Idris resides in Abuja, Nigeria.

**Christopher Porter** is a senior vice president at Jefferies & Company, a global securities and investment banking firm. Porter graduated from the University's Katz Graduate School of Business in 1994 with an MBA degree. He has served on the Katz Alumni Association Board of Directors. He resides in New York, NY.



Some 140 people gathered for cocktails and dinner in the Cathedral of Learning's Commons Room on the evening of June 29 to honor new inductees into the Cathedral of Learning Society (CLS).

Each of the society's members has donated \$1 million or more to Pitt. Inductees or members of their families received framed citations.

Pictured in the front row, from left: Chancellor **Mark A. Nordenberg** and inductees **Marlin H. Mickle** (ENGR '61, '63G, '67G), Nicholas A. DeCecco Professor and professor of telecommunications and computer, electrical, and industrial engineering in Pitt's School of Engineering; **Athena** and **Frank Sarris**, founders and owners of Sarris Candies; **Marianna Zamias** and **George D. Zamias** (KGSB '53 and '54G), founder of George D. Zamias Developer and Zamias Services, Inc.; **Jeanne H. Olofson**, president of the Tom W. and Jeanne H. Olofson Foundation, and **Tom W. Olofson** (KGSB '63), chair and CEO of EPIQ Systems, Inc.; and **Rhoda Steiner** and **Charles M. Steiner** (KGSB '63), retired CEO, founder, and chair of Branch Group, Inc.

Back row, from left: inductees **Gordon J. Vanscoy** (PHARM '84, KGSB '91), associate dean for business innovation and professor of pharmacy and therapeutics in Pitt's School of Pharmacy, and **Bethann Vanscoy**; **E. Maxine Bruhns**, director of Nationality Rooms Programs at Pitt; **Margaret E. Wilkes** and **James E. Wilkes** (CAS '59), retired president, owner, and CEO of Wilkes Venture; **Kristy Rodriguez** (daughter of CLS inductees **J. Faye Sampson** and the late **Myles D. Sampson**, who was the chair and CEO of Rimco Properties, Inc.) and **William Rodriguez**; **J. Faye Sampson**, trustee of the J. Faye and Myles D. Sampson Family Foundation; **William F. Benter** (CGS '71), chair and international chief executive of Acusis, and **Christina Stacey**.

CLS 2007 inductees not pictured include the late **Fred C. Bruhns** (GSPIA '69), who with his wife E. Maxine Bruhns conducted resettlement work for the United Nations and U.S. refugee agencies before he became a GSPIA professor; the late **Thomas E. Cadman** (CAS '52, MED '56), whose medical career included 30 years of

service to the Geisinger Medical Center in Danville, Pa.; Wyoming rancher **Allen L. Cook**, who in December 2005 donated to Pitt a 4,700-acre property rich in dinosaur bones and Native American archeological remains; **Kathleen DuRoss Ford**, president of KDF Overseas Investments, Inc., and **L. Frank Chopin**, a retired principal in the law firm Chopin & Miller; the late **Anthony E. Gill** (ENGR '49), who was a civil engineer for Dravo Corp.; the late **Frank E. Jeffries** (DEN '33), a dentist and career officer in the U.S. Navy, and **Dorothy T. Jeffries**, who established the Frank E. Jeffries Scholarship Fund in Pitt's dental medicine school; professional golfer,

businessman, and philanthropist **Arnold Palmer**; **Henry Posner** (CAS '48), chair of The Hawthorne Group, and **Helen Posner**; **Thomas J. Usher** (ENGR '64, '66G, and '71G), retired chair and CEO of U.S. Steel Corp. and currently chair of Marathon Oil Corporation, and **Sandra L. Usher**; Robert J. Weiss, an ophthalmologist, cofounder, and president of Seneca Eye Surgeons, Inc. and chair of the Department of Surgery for the medical staff at Warren General Hospital, and **Mary B. Weiss**.

For biographical sketches of the 2007 CLS inductees, see story in the June 25 *Pitt Chronicle*, available at [www.chronicle.pitt.edu/?p=434](http://www.chronicle.pitt.edu/?p=434).

## Pitt Hosts Pittsburgh Public Schools Students' Visit

Some 25 Pittsburgh Public Schools students ages 12-15 visited the University of Pittsburgh recently to learn from Pitt students, former student-athletes, professors, and administrators about the value of a good education. The visitors also toured the Petersen Events Center and the Cathedral of Learning's Nationality Rooms.

"The intent was to expose the boys to what a treasure the University of Pittsburgh really is—a treasure that's right in their own backyard—and to show them how crucial education will be as they transition through life," said Kyle Henderson, coordinator of the mentoring program at Mt. Ararat Community Activity Center, Inc. in East Liberty, which organized the visit in collaboration with Pitt's Office of Public Affairs.

Among the Pitt students who met with the visitors were 2007 Rhodes Scholar Daniel Armanios; 2006 Truman Scholar Adam

Idriss; Tonya Groover, a computer science major who founded the Technology Leadership Institute, aimed at helping young Black students to succeed in computer science; and School of Medicine student Alvin Jones.

Pictured at the Petersen Events Center, clockwise from top, are visiting students Anthony Woodson, 13; Dorian Alexander, 13; Shaquille Smith, 14; Dominique Wilkens, 14; Dominique Woodson, 14; Lamont Nichols, 13; Antwon Bracey, 14; and Raheem Kirk, 13.





# Happenings

July 9-23, 2007



### July 9

**Art Exhibitions, Viva Vetro!** *Glass Alive! Venice and America*, through Sept. 16; *A Celebration of the Women's Committee*, through Dec. 13; Carnegie Museum of Art, 4400 Forbes Ave., Oakland, 412-441-9786 ext. 224, [www.cmoa.org](http://www.cmoa.org).

**Art Exhibition, Glassnost**, through July 13, Regina Gouger Miller Gallery, Purnell Center for the Arts, Carnegie Mellon University, 5000 Forbes Ave., 412-268-3890, [www.cmu.edu/mil-lergallery](http://www.cmu.edu/mil-lergallery).

**Photographic Exhibition, Conflict**, photos of the Iraq and Afghan wars and other conflicts; by Jason Cohn, Chris Hondros, Larry Rippel, and Renee Rosensteel; through July 14, SPACE Gallery, 812 Liberty Ave., downtown, 412-325-7723.

**Exhibitions, Metamorphosis: The Life Cycle of a Glass Bead**, through July 14; *Soul Soldiers: African Americans and the Vietnam Era*, through Oct. 31; *Points in Time*, through Dec. 31; *Glass: Shattering Notions*, through Dec. 31; and *Discovery Place*, through Dec. 31; Senator John Heinz Pittsburgh Regional History Center, 1212 Smallman St., Strip District, 412-454-6000, [www.pghhistory.org](http://www.pghhistory.org).

**Art Exhibitions, Maggy Aston: Drawings and Constructions; Inside Out Six: Selections from the Flat Files; and Big F\*\*\*ing Thing (New Works by John Eastman)**; all through Aug. 18, Digging Pitt Gallery, 4417 Butler St., Lawrenceville, 412-605-0450, [www.diggingpitt.com](http://www.diggingpitt.com).

**Art Exhibition, Fiberart International 2007**, through Aug. 19, Pittsburgh Centre for the Arts, 6300 Fifth Ave., 412-361-0873, [www.pittsburgharts.org](http://www.pittsburgharts.org).

**Art Exhibition, Personal Jesus...The Religious Art of Keith**

*Haring & Andy Warhol and Lou Reed: New York*, both through Sept. 2; Andy Warhol Museum, 117 Sandusky St., North Side, 412-237-8300, [www.warhol.org](http://www.warhol.org).

**Art Exhibition, Allure of Japanese Glass**, through Sept. 19, Pittsburgh Glass Center, 5472 Penn Ave., East Liberty, 412-365-2145, [www.pittsburghglasscenter.org](http://www.pittsburghglasscenter.org).

**Art Exhibition, In the Studios of Paris: William Bouguereau and His American Students**, through Oct. 14, The Frick Art and Historical Center, 7227 Reynolds St., Point Breeze, 412-697-0938, <http://frickart.org>.

**Art Exhibition, India: New Installations Part 1**, through Oct. 25, Mattress Factory, 500 Sampsonia Way, North Side, 412-231-3169, [www.mattress.org](http://www.mattress.org).

### July 10

**Musical Performance**, Sal-samba, 5 p.m., Katz Plaza, Penn Avenue and Seventh Street, downtown, Pittsburgh Cultural Trust's JazzLive Katz Plaza series, 412-456-6666.

### July 11

**Theatrical Performance, The Male Intellect: An Oxymoron** by Robert Dubac, 8 p.m., continues through July 28, City Theatre, 57 S. 13th St., South Side, 412-431-2489, [www.citytheatrecompany.org/maleintellect.html](http://www.citytheatrecompany.org/maleintellect.html).

**Film Screening, Astronaut Farmer**, directed by Michael Polish, dusk, Schenley Park's Flagstaff Hill, CitiParks' Cinema in the Park Series, 412-937-3939.

### July 12

**PhD Dissertation Defense** by Hala Ismail Hassan Ismail, Pitt Department of Instruction and Learning, "Arabs as ESL Readers of American Literature: Their

Attitudes, Their Responses, and the Sources of Their Misinterpretations," 9:30 a.m., 5614 Posvar Hall.

**PhD Dissertation Defense** by Clare Holt, Pitt Department of Psychology, "Maternal Harshness and the Mother-Child Relationship in the Toddler Years: Associations with Internalizing Problems at School Entry," 1 p.m., 4127 Sennott Square.

**PhD Dissertation Defense** by Rachele Prantil Baun, Pitt Department of Bioengineering, "Biomechanics and Function of the Female Rat Urethra in Stress Urinary Incontinence Induced by Birth Trauma," 1:30 p.m., 700 Kaufmann Building.

**Comedy Performances**, "Funny Bone 25th Anniversary" headlined by comedian Russell Peters, 7:30 p.m., continues through July 15, Funny Bone, Station Square, downtown, 412-281-3130, [www.funnybonepgh.com](http://www.funnybonepgh.com).

**Film Screening, Women on the Verge of a Nervous Breakdown**, 8 p.m., 120 David Lawrence Hall, Pitt Film Studies Program's Films of Pedro Almodovar series, [tl14@pitt.edu](mailto:tl14@pitt.edu) or [cks1@pitt.edu](mailto:cks1@pitt.edu).

**Musical Performance**, singer/songwriter Eric Himan, 10:30 p.m., Club Café, 56 S. 12th St., South Side, 412-431-4950, [www.clubcafelive.com](http://www.clubcafelive.com).

**Art Exhibition, In the Studios of Paris: William Bouguereau and His American Students**, through Oct. 14, The Frick Art and Historical Center, 7227 Reynolds St., Point Breeze, 412-697-0938, <http://frickart.org>.

### July 13

**Workshop**, "The First Step: Mechanics of Starting a Small Business," 7:30-10 a.m., 309 Mervis Hall, Pitt's Small Business Development Center; to register,

412-648-1542.

**Golf Outing**, second annual Kessel Classic, benefiting Pitt-Bradford's Jeffrey Brian Kessel Memorial Scholarship fund, 9 a.m.-5 p.m., Pennhills Country Club, Bradford; to register, 814-362-5091.

**Farmers' Market**, 3:30-6:30 p.m., every Friday through Nov. 16, Sennott Street between Atwood Street and Meyran Avenue, Oakland Business Improvement District, 412-683-6243, [www.onlyinoakland.org](http://www.onlyinoakland.org).

**Musical Performances**, dance band Brave Combo, 7 p.m., and alternative band Mercury, 10:30 p.m., Club Café, 56 S. 12th St., South Side, 412-431-4950, [www.clubcafelive.com](http://www.clubcafelive.com).

### July 14

**Vintage Grand Prix**, 9 a.m.-5 p.m. July 14, vintage car race practice and qualifying heats; noon-5 p.m. July 15, races; Schenley Park, Oakland, proceeds benefit the Autism Society of Pittsburgh and Allegheny Valley School, [www.pvgrp.org](http://www.pvgrp.org).

### July 15

**Musical Performance**, "East Meets West: Japanese Classical Music Meets Jazz," 10:30 a.m., Mellon Park's Rose Garden, Point Breeze; CitiParks' Bach, Beethoven, and Brunch Series; 412-255-9875, [www.pittsburgh.pa.us/parks/html/bach\\_beethoven\\_and\\_brunch.html](http://www.pittsburgh.pa.us/parks/html/bach_beethoven_and_brunch.html).

**Film Screening, Zoom**, directed by Peter Hewitt, dusk, Schenley Park's Flagstaff Hill, CitiParks' Cinema in the Park Series, 412-937-3939.

### July 16

**PhD Dissertation Defense** by Keisha L. Tyler, Pitt Department of Behavioral and Community Health Sciences, "The Applicability and Usage of the International Classification of Functioning, Disability, and Health (ICF) to Address Obesity Among U.S. Women," 226 Parran Hall.

**Musical Performance**, Mark Pipas as The Sleaze, 10:30 p.m., Club Café, 56 S. 12th St., South Side, 412-431-4950, [www.clubcafelive.com](http://www.clubcafelive.com).

### July 17

**PhD Dissertation Defense** by Amarendra Pegu, Pitt Department of Infectious Diseases and Microbiology, "The Response of the Lymphatic Endothelium to Inflammation and Infection in *In Vitro* and *In Vivo* Systems,"

10 a.m., A719 Crabtree Hall.

**Musical Performance**, Dwayne Dolphin, 5 p.m., Katz Plaza, Penn Avenue and Seventh Street, downtown, Pittsburgh Cultural Trust's JazzLive Katz Plaza series, 412-456-6666.

**Comedy Performances**, "Best of the 'Burgh," featuring local and regional comedians, 7:30 p.m., Funny Bone, Station Square, downtown, 412-281-3130, [www.funnybonepgh.com](http://www.funnybonepgh.com).

**Theatrical Performance, Chicago** by John Kander, Fred Ebb, and Bob Fosse; 7:30 p.m., continues through July 22, Heinz Hall, 600 Penn Ave., downtown, PNC Broadway Across America Series, 412-392-4900, [www.pittsburghsymphony.org/pghsymph.nsf/concert+listings](http://www.pittsburghsymphony.org/pghsymph.nsf/concert+listings).

**Theatrical Performance, Camelot** by Alan Jay Lerner and Frederick Loewe, starring Michael York, 8 p.m., continues through July 22, Benedum Center for the Performing Arts, Seventh and Penn avenues, downtown, Pittsburgh CLO, 412-281-2822, [www.pittsburghclo.org](http://www.pittsburghclo.org).

**House Tour, Through the Back Door**, a tour of Henry Clay Frick's Clayton emphasizing the role of domestic servants in the household's operation, through Sept. 9, The Frick Art and Historical Center, 7227 Reynolds St., Point Breeze, 412-697-0938, <http://frickart.org>.

### July 18

**Musical Performance**, singer/songwriter Jenny Owen Youngs, 7 p.m., Club Café, 56 S. 12th St., South Side, 412-431-4950, [www.clubcafelive.com](http://www.clubcafelive.com).

**Film Screening, Pursuit of Happiness**, directed by Gabriele Muccino, dusk, Schenley Park's Flagstaff Hill, CitiParks' Cinema in the Park Series, 412-937-3939.

### July 19

**PhD Dissertation Defense** by Stephen Eggan, Pitt Center for Neuroscience, "Cannabinoid CB1 Receptor: Role in Primate Prefrontal Circuitry and Schizophrenia," 11 a.m., Learning Research and Development Center's 2nd-Floor Auditorium.

**Film Screening, Live Flesh**, 8 p.m., 120 David Lawrence Hall, Pitt Film Studies Program's Films of Pedro Almodovar series, [tl14@pitt.edu](mailto:tl14@pitt.edu) or [cks1@pitt.edu](mailto:cks1@pitt.edu).

### July 20

**Farmers' Market**, 3:30-6:30 p.m., every Friday through Nov. 16, Sennott Street

between Atwood Street and Meyran Avenue, Oakland Business Improvement District, 412-683-6243, [www.onlyinoakland.org](http://www.onlyinoakland.org).

**Pittsburgh Blues Festival** featuring the Billy Price Band, Frank Marino and Mahogany Rush, Delbert McClinton, and other performers, 6-11 p.m. July 20, 1-11 p.m. July 22, and 1-10 p.m. July 22, Hartwood Acres, Indiana Twp., proceeds benefit the Greater Pittsburgh Community Food Bank, 412-460-2583, [www.pghblues.com](http://www.pghblues.com).

### July 22

**Musical Performance**, Main-spring classical music ensemble, 10:30 a.m., Mellon Park's Rose Garden, Point Breeze; CitiParks' Bach, Beethoven, and Brunch Series; 412-255-9875, [www.pittsburgh.pa.us/parks/html/bach\\_beethoven\\_and\\_brunch.html](http://www.pittsburgh.pa.us/parks/html/bach_beethoven_and_brunch.html).

**Musical Performance**, Catch-22, 7 p.m., Rhythm House Café, 3029 Washington Pike, Bridgeville, Pittsburgh Jazz Society's Sunday Night Jazz Series, 412-221-5010, [www.rhythmhousecafe.com](http://www.rhythmhousecafe.com).

**Film Screening, Barnyard**, directed by Steve Oedekerk, dusk, Schenley Park's Flagstaff Hill, CitiParks' Cinema in the Park Series, 412-937-3939.

### July 23

**PhD Dissertation Defense** by Hyung Sam Park, Pitt Department of Sociology, "A Longitudinal Statistical Network Analysis of the Environmental Movement Sector in the United States, 1970-2001," 2 p.m., 2431 Posvar Hall.

**PUBLICATION NOTICE** The next edition of the *Pitt Chronicle* will be published July 23. The deadline for submitting information is 5 p.m. July 18. Items for publication in the *Pitt Chronicle*, including information for *Happenings*, should be submitted to [chron@pitt.edu](mailto:chron@pitt.edu). *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 also may be faxed to 412-624-4895 or sent by campus mail to 422 Craig Hall. For more information, call 412-624-1033.