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Faculty Senate Leadership for 2005-2006



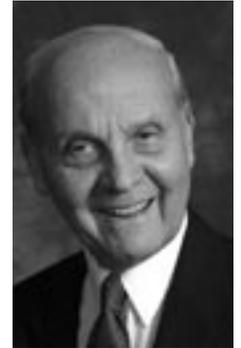
The Faculty Senate announces its leadership for the coming academic year: (left to right) Charles Mooney, (Law) past chair; Neville Strumpf, (Nursing) chair; and Vincent Price, (Annenberg) chair-elect.

Arlin Adams Professorship In Constitutional Law

With the Annenberg Foundation taking the lead among several donors, the Law School has established a professorship in Constitutional Law in honor of former Federal Appeals Court Judge Arlin M. Adams.

"I am most grateful to the University, to Mrs. Annenberg and the Annenberg Foundation, as well as the other generous donors who have made this honor possible," said Arlin M. Adams. "Nothing could mean more to a graduate of the Penn Law School than to have a professorship, especially in Constitutional law, bear his name."

Judge Adams has had a long and distinguished career on the bench and in public service, having served 18 years on the U.S. Court of Appeals for the Third Circuit and three years as secretary of public welfare under Pennsylvania Governor William W. Scranton.



Arlin Adams
(continued on page 2)

Law School Teaching Awards

Voted by Penn Law students, *Bruce H. Mann*, Leon Meltzer Professor of Law and Professor of History, received his second Harvey Levin Memorial Award for Teaching. His teaching has been previously recognized with the University-wide Christian R. and Mary F. Lindback Foundation Award for Distinguished Teaching and another Law School award. Dr. Mann holds an A.B. and M.A. from Brown and a J.D., M. Phil. and a Ph.D. in history from Yale.

Dr. Mann, one of the nation's foremost legal historians, teaches primarily in the areas of "American Legal History", "Trusts and Estates", and "Property Law". Known for his Socratic method, he actively engages students and teaches them how they can reason their way to answers themselves.

He is the author of the award-winning *Republic of Debtors: Bankruptcy in the Age of American Independence* (Harvard Univ. Press, 2002).

Associate Dean Michael Knoll bestowed the following teaching awards for 2004-2005 on the basis of teaching evaluations:

Amy Wax, professor of law, has been named this year's winner of the A. Leo Levin Award for Excellence in an Introductory Course for her course in "Civil Procedure". Dr. Wax, who specializes in civil procedure, social welfare law, and the economics of work and family, joined the Penn Law faculty in 2001. She holds a B.S. from Yale, a M.D. from Harvard, and a J.D. from Columbia.

Several sample quotations capture the knowledge and enthusiasm that she demonstrates in the classroom. "...she is without a doubt a commanding force on the material." "She has inspired me to pursue litigation and as many procedures courses as I can fit in. She is passionate and brings an interesting perspective to the material." "Very accessible, always willing to entertain questions." "Professor Wax did a fantastic job of not only teaching the law, but also pushing students to think beyond it." "Best teacher I have ever had."



Bruce Mann



Amy Wax



Nathaniel Persily



Steven Urice

Nathaniel Persily, professor of law and political science, has been awarded the Robert A. Gorman Award for Excellence in Teaching for his courses, "Constitutional Law" and "Contemporary Issues in Law & Politics Seminar."

Dr. Persily is a nationally recognized expert on election law, a frequent media commentator, and a practitioner in law and politics. Most recently, courts in Georgia, Maryland, and New York have appointed him to draw legislative districting plans, and he has served as an expert witness in redistricting plans. He holds a B.A. and M.A. from Yale, a M.A. and Ph.D. in political science from UC Berkeley, and a J.D. from Stanford. He joined the Penn faculty in 2001.

Student comments praise Dr. Persily as "hands down the best law professor I have had." His "enthusiasm for the subject is infectious and inspiring." He is "passionate and committed to both the subject matter and teaching." "It is wonderful to learn from a man with not only such amazing expertise, but also such unabashed enthusiasm for what he teaches—and for the act of teaching itself."

Steven Urice, lecturer in law, has been named the winner of the Adjunct Teaching Award for his courses, "Trusts & Estates," "Art Law," and

a seminar in "Museum Law." Dr. Urice holds a B.A. from Tufts and a M.T.S., Ph.D., and J.D. from Harvard. He is also the Director of the Project for Cultural Heritage Law & Policy and is an internationally recognized expert in cultural property law and a former trusts and estates practitioner.

"Urice is an amazing professor. Clear, engaging, and effective are all the adjectives that I would use to describe him to another student." "...obviously loves his topic and his enthusiasm is infectious." "...is particularly good at stimulating independent thought." The "instructor had a great attitude toward students—sincerely respectful and encouraging—and was very accessible."

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Trustees' Annual Stated Meeting Coverage

At the Annual Stated Meeting of the Trustees last month, Chairman James Riepe said that President Amy Gutmann "hit the ground running last July" and has been "pushing Penn to greater heights." He also added that the Penn community has "embraced her vision" and the "momentum has accelerated."

The Trustees passed a memorial resolution for alumnus and trustee Anthony "Skip" Minisi, a "quintessential Quaker" who died on May 5 (*Almanac* May 24).

A resolution of appreciation was passed for trustee Dr. Edward T. Anderson, an interventional cardiologist who maintains "a special place in our hearts through his readiness to serve his alma mater."

A resolution of appreciation was passed for Dr. Stanley B. Prusiner, trustee, winner of the 1997 Nobel Prize in Medicine, and a triple-degree Penn alumnus.

A resolution of appreciation was passed for trustee and alumnus Michael D. Zisman, who "helped to develop the infrastructure that has made e-mail accessible to countless users."

The Statutes of the Trustees were amended, establishing a new class of trustees—Special Trustees—up to two in number, to serve for a term determined by the chair at the time of their election, whose service meets a particular need or purpose.

Vice Chairman Jon Huntsman presented the resolution that reelected James S. Riepe as chair of the Board for another one-year term.

The Executive Committee for the coming year will be comprised of: Christopher H. Browne, Gilbert F. Casellas, L. John Clark, David L. Cohen, Jon M. Huntsman, Paul K. Kelly, James J. Kim, William L. Mack, Deborah Marrow, Andrea Mitchell, James S. Riepe (chair), David Silfen, Alvin V. Shoemaker, George Weis, Paul Williams and Mark O. Winkelman.

These trustees were elected to the Investment Board: Joel Greenblatt, Robert M. Levy, Howard S. Marks (chair), Edward Mathias, James Riepe (ex officio), David M. Silfen and Mark O. Winkelman. Christopher Brown stepped down after serving for 20 years, as the endowment went from \$4 million to \$4 billion.

Adams Chair in Constitutional Law (continued from page 1)

Today, Judge Adams is counsel at Schnader, Harrison, Segal & Lewis, where he devotes much of his time to issues of public interest. He is the author of numerous law review articles and a case book on constitutional law.

A former chancellor of the Philadelphia Bar Association and past president of both the American Judicature Society and American Philosophical Society, Judge Adams is well-known for his post-judiciary roles in significant legal cases. In 1995, he was appointed trustee in the New Era bankruptcy case, at that time the largest nonprofit bankruptcy in history. From 1998 to 2002, he served as independent counsel in an investigation of the U.S. Department of Housing and Urban Development that uncovered widespread corruption.

"Arlin Adams' unquestionable integrity and prudent leadership exemplify the highest ideals of the legal profession. A professorship in his name does honor to Penn Law," said Dean Michael A. Fitts. "Therefore, the entire Penn Law community is grateful to the Annenberg Foundation, which has been such a good friend to the University, for its generous support of the Law School and of an

alumnus whom we hold in the highest regard." President Gutmann took a moment to remember "George Rochberg, a distinguished member of the Penn faculty and great 20th century composer" who died recently. Dr. Gutmann also noted that an agreement has been reached between WXPN and NPR which will bring two XPN shows to listeners of 185 public radio stations across the U.S. President Gutmann also thanked Dr. Peter Conn, a "great citizen of Penn" for "serving extraordinarily well as Interim Provost."

Dr. Gutmann presented, and the trustees approved resolutions of appreciation for

Michael Masch, who had served as the vice president for budget and management until becoming the secretary of budget and administration for the Commonwealth of Pennsylvania; for Kenneth B. Campbell, who recently retired as comptroller and associate vice president for financial systems, having served Penn for 33 years; for Carol R. Scheman, vice president for government, community and public affairs since 1994; and for Leroy D. Nunery II, vice president for business services since 1999, who has left Penn to become president of the Edison Schools in New York.

The Trustees approved the appointment of Ronald J. Daniels as Penn's provost and of John F. Horn as comptroller; both appointments became effective July 1.

Dr. Conn reported on activities at the Library such as Scholarly Commons and Information Commons which are positioning Penn to be a leader in technology-based services.

EVP Craig Carnaroli gave the financial report for the ten months ending April 30. For the Consolidated University (Academic and Health System) total net assets increased \$376.8 million to \$6.265 billion. Net assets from operating activities increased \$54.8 million compared to a decrease of \$8.7 million for the prior fiscal year. He said that FY 05 was a "prosperous year," with the Academic Component having a modest surplus and the Health System had a positive operating margin for the fifth consecutive year.

Dr. Gail Morrison, vice dean of Medicine, gave the Penn Medicine report and noted that

alumnus whom we hold in the highest regard."

Judge Adams graduated from the Law School in 1947. He was editor-in-chief of the *Penn Law Review* and is a former chairman of Penn Law's Board of Overseers. For more than two decades, he was a lecturer at the Law School, where he received the Distinguished Service Award in 1981 as well as the James Wilson Award in 2001. The University presented him with an Honorary Doctor of Laws in 1998.

In 1997, Judge Adams received the Philadelphia Award for service to the community and in 1999 the Philadelphia Bar Association's Gold Medal Award.

Gail C. Levin, executive director of the Annenberg Foundation, which made a gift to establish the Professorship, said, "This grant not only pays tribute to Arlin Adams as an exceptional lawyer, jurist, public servant, and civic leader, but also memorializes the long and deeply respectful friendship between Walter and Leonore Annenberg and Judge Adams. Mrs. Annenberg has authorized the grant in honor of Judge Adams with pride and immense pleasure."

The Annenberg Foundation was established in 1989 by the late Walter H. Annenberg; Leonore Annenberg succeeded her husband as chairman and president of the Foundation in 2002.

the school's ranking in NIH funding is up from #3 to #2 in the U.S.

In the Admissions Report, Dean Lee Stetson said there were nearly 19,000 applicants for the incoming freshman class, with a 20% admit rate, and a yield of 66% which is up three percent. There are students from all 50 states and a dozen Native Americans among the incoming class.

The Academic Policy Committee presented a resolution to approve revisions in the Research Faculty Track to benefit the faculty and Penn's ability to compete for NIH funding; the revisions became effective July 1. The School of Nursing proposed establishing four new positions to provide for advancement within the academic support staff; the total number of such positions shall each be limited to no more than 20 percent of the standing faculty of the school. The School also proposed establishing the untenured rank of Practice Professor, whose primary activity is to teach on a full-time basis; with a limit of not more than 20 percent of the standing faculty.

The trustees also approved a resolution to establish in the Graduate School of Education a Master in Philosophy (M.Phil.) in professional counseling and psychology to supplement the existing M.S.Ed. in psychological services.

The Operating Budget for the University for FY 2006 was approved, along with the Capital Plan representing estimated project costs of \$146.2 million with \$49.5 million funded by the schools and centers and \$35.3 million from gifts and grants, as well as \$41.2 million from internal capital loans. The Operating Budget for UPHS was approved and its Capital Budget of \$172.7 million which includes \$38.1 million for the initial foundation and steel construction of the Center for Advanced Medicine.

Other resolutions authorized renovations for the Space Planning and Operations Office to relocate in Anatomy Chemistry from Blockley Hall (\$1.5 million); Budget Planning software (\$1.5 million); SEAS' Moore 3rd floor lab renovation (\$1.54 million); the Ryan Hospital Student Surgery renovation (\$1.83 million); the School of Veterinary Medicine's Old Vet Quad Animal Holding renovation for medical genetics (\$2.9 million); upgrades to University-owned fraternity and sorority houses (\$5 million) and purchase an MRI for a proposed small animal imaging facility (\$2.547 million).

OF RECORD

Networking/Computing Policy

The Network Policy Committee, IT Roundtable, and the Vice President for ISC wish to call your attention to a recently approved networking/computing policy. This policy, the "Policy on the Installation and Maintenance of Network Wiring," deals with requirements for installation of new network wiring or the relocation of existing wiring associated with PennNet, telephone communications, or video networks.

The Policy on the Installation and Maintenance of Network Wiring is available online. See www.net.isc.upenn.edu/policy/approved/20050613-wiring.html.

—Deke Kassabian,
Senior Technology Director,
Information Systems and Computing

Medicine #2 for NIH Awards

According to figures released last month from the National Institutes of Health (NIH), Penn's School of Medicine ranks #2 in the nation in terms of total research awards to academic medical schools in the United States. For Fiscal Year 2004, Penn received 947 total awards—including research and training grants—worth more than \$393.6 million. This total represents a 9.4% increase from the previous year.

The NIH is the single largest source of funding for biomedical research and training in the nation, and their annual rankings are considered an important barometer of research strength.

"The latest NIH rankings stand as yet another example of our ongoing efforts to strive for excellence at Penn," said Dr. Arthur H. Rubenstein, EVP of the University for UPHS and Dean of the School. "These invaluable NIH awards help us to achieve and maintain our extremely high standards for faculty research and medical education—which ultimately benefit our patients."

2005-2006 PPSA Board

The PPSA Board is pleased to announce its 2005-2006 members:

- *Chair*: Adam Sherr, School of Nursing
 - *Chair-elect*: Kate Ward-Gaus, Health Education, VPUL
 - *Past Chair*: Rodney Robinson, Student Life, VPUL
 - *Vice Chair*: Christina Costanzo Clark, School of Nursing
 - *Vice Chair-elect*: Ty Furman, Student Performing Arts, VPUL
- Members-at-Large: (expires May 2006)*

- Elise Betz, Development and Alumni Relations
 - Lea Shafer, Management & Technology Program
 - Nathan Smith, Ware College House, CHAS
- Members-at-Large: (expires May 2007)*

- Suzanne Bellan, PennCard Center, Business Services
 - Mayumi Hirtzel, Penn Video Network, ISC
 - Patricia Thatcher, Weingarten Learning Resources Center, VPUL
- Christina Costanzo Clark, PPSA Vice Chair

2005-2006 WPSA Officers & Board

The Weekly Paid Professional Staff Assembly Board for 2005-2006 was elected on May 19. Below are the officers and members of the Board.

- Chair*: Candice Milbourne, Affirmative Action
Vice Chair: Felicia Bing, Psychology
Secretary: Marcia Dotson, Political Science
Treasurer: Suzanne Oh, GSE

Board Members at Large:

- James Ashmore, Penn Museum
- Sylvie Beauvais, Wharton School
- DeAnna Cheung, Graduate Student Center
- Ayesha Ferguson, Psychiatry
- Coral Haas, Cancer Biology
- Loretta Hauber, Weingarten Learning Resources
- Andrew Holman, Development and Alumni Relations
- David Idun, Nursing
- Donnal L. Meyrick, New Bolton Center
- Linda Satchell, Penn Program for Public Service

—Marcia Dotson, Secretary,
 Week Paid Professional Staff Assembly

GOVERNMENT AFFAIRS UPDATE

Commonwealth Relations

Penn's Non-preferred Appropriation

On July 6, the Pennsylvania House and Senate gave final approval to House Bill 829, Penn's FY 2005-06 non-preferred appropriation bill and sent it to the Governor for his expected signature. This bill provides a total of \$44,866,000 to the University, an increase of 1.9% over the amount appropriated in FY 2004-05 (*see chart below*). The Veterinary School appropriation was increased by 0.5% over the amount proposed by the Governor, resulting in a 2.0% total increase for the School. The University Museum appropriation was restored to last year's level (the Governor had proposed a 10% cut). All other line items were approved at the level proposed by the Governor (1.5% increase).

On a line item basis, HB 829 provides the following appropriations:

- Veterinary School - \$38,111,000
- Medical School - \$3,919,000
- Cardiovascular Studies - \$1,554,000
- Dental Clinics - \$1,051,000
- University Museum - \$231,000

Commonwealth's General Fund Budget

The General Assembly also approved HB 815, the Commonwealth's General Fund Budget. This budget restores most of the Governor's proposed Medical Assistance (MA) cuts to hospitals and patient benefits. All cuts in MA supplemental payments to hospitals (outpatient disproportionate share, Community Access Fund, MA medical education, and Tobacco Settlement uncompensated care) were restored. The impact of these proposed cuts to UPHS would have been an estimated \$15 million annually. Second, the budget eliminated most of the major proposed limitations on MA patient benefits affecting UPHS, including caps on annual inpatient visits. UPHS had estimated an annual impact of \$17 million if these benefit limitations had been approved.

The final budget deal rejected the Governor's proposal to reallocate Tobacco Settlement funding, including substantial reductions to health research funding. Under the Governor's proposal, Penn's annual formula research grant would have been reduced by about two-thirds. In FY 2005-06 this would have resulted in a loss of approximately \$6 million in formula funds to the University. The General Assembly disagreed with the Governor's proposal and, instead, approved only the use of approximately \$40 million in interest from the Tobacco Settlement endowment and a one-year diversion of one-quarter of the prevention and cessation funds to help restore MA cuts.

—Paul Cribbins, Assistant Vice President of Commonwealth Relations

University of Pennsylvania Non-Preferred Appropriation (in thousands of dollars)

	FY 2003 Actual	FY 2004 Actual	FY 2005 Available	FY 2006 Final HB 829	% INC. Over 2005
Medical Instruction	3953	3832	3861	3919	1.5
Dental Clinics	873	846	1035	1051	1.6
Cardiovascular Studies	1568	1520	1531	1554	1.5
Veterinary School	37676	36523	37364	38111	2.0
University Museum	231	225	231	231	0.0
Total University	44301	42946	44022	44866	1.9

Deaths

Sue Adams, New Bolton Center

Sue Adams, associate director of the George D. Widener Hospital for Large Animals at New Bolton Center, died on April 1, at the age of 65. She worked for the University for 23 years before retiring in 2003 and then returned in 2004 and worked until recently.

She began her employment in 1979 as an administrative assistant for the Bovine Leukemia Lab and transferred to the Large Animal Hospital as an administrative assistant for the department of clinical studies. She later became business administrator where she oversaw the business operations of the hospital. In 1988 she was promoted to Assistant Director of the Large Animal Hospital, and in 1998, was promoted to Associate Director.

During her career at New Bolton Center, Ms. Adams befriended many people, said Carol Sheets, a colleague. "Her door was always open to all faculty, staff, and students; no matter how busy she was, she always made time for everyone," Ms. Sheets added.

Ms. Adams is survived by her husband, Bill; three children, Kimberly V. Friedman, Blake C. Wilms and Todd J. Wilms; and six grandchildren. Donations can be made to the Faggs Manor Presbyterian Church Building Fund, 505 Street Rd., Cochranville, PA 19330.

Jean A. Cortner, Pediatrics



Jean Cortner

Dr. Jean A. Cortner, former chairman of pediatrics at the School of Medicine and physician-in-chief of CHOP from 1974 to 1986, died May 31 of heart failure at his vacation home in Jackson Hole, Wyoming. He was 74.

Dr. Cortner was named to his position at CHOP in 1974 by its Board of Managers. He also was appointed the William Bennett Professor and Chairman of the department of pediatrics at the School of Medicine, as well as professor of genetics. He assumed his post when CHOP moved from its location in South Philadelphia to new quarters adjacent to the University.

Dr. Alan R. Cohen, current physician-in-chief, at CHOP said, "Dr. Cortner was an incredible gentleman as well as a wonderful doctor. He arrived just as Thomas Kennedy and I were beginning our year as chief residents. He treated us with the same respect, and with the same concern for our views that he accorded the most senior faculty members. He could make tough decisions that always seemed fair, or at the very least, respectful of everyone's point of view.

"His leadership combined wisdom, compassion, vision and a devotion to residents and medical staff. Dr. Cortner brought to a beautiful new hospital the intellectual resources that propelled Children's Hospital into a new position of leadership. He foresaw the importance of developments in healthcare that became customary during the ensuing years, such as academic gen-

eral pediatrics, hospitalists, who were virtually unknown 30 years ago, pediatric pharmacology, and the necessity of integrating research with clinical care. He expanded the faculty through the example of his own work in lipid research, and set the tone for significant research that was always directed toward the goal of improving the health of children," Dr. Cohen said.

Dr. Patrick S. Pasquariello, senior physician and director of the Diagnostic Center at Children's Hospital, recalled "an incident that marked the man. I went to see him about a child with a complex medical problem. While we were speaking, Dr. Cortner suddenly rose and said 'why don't we see the patient together?' He was truly a pediatrician and remained so in my mind despite his expanding administrative, teaching and research responsibilities."

In 1986, Dr. Cortner stepped down as physician-in-chief, and spent the next years in his laboratory at the hospital until he retired in 1999. He was chief of genetics, director of the Children's Hospital Nutrition Center and director of the Lipid-Heart Center. In his honor, the department of pediatrics established the Jean Cortner Endowed Chair in Pediatric Gastroenterology. Dr. Virginia A. Stallings, a professor of pediatrics at the hospital, is the holder of the Cortner Chair, and is actively involved in clinical care, teaching and patient-oriented research, a reflection of Dr. Cortner's own interests. "We all enjoyed his friendship, laughter and guidance," she said.

Dr. Cortner came to Philadelphia from Buffalo, N.Y., where starting in 1967 he had served as professor and chairman of the department of pediatrics at the SUNY in Buffalo. He had been physician-in-chief of Children's Hospital of Buffalo since 1970 and a consultant in pediatrics at the Roswell Park Memorial Institute in Buffalo. A native of Nashville, Tennessee, he became a Phi Beta Kappa and earned his undergraduate and medical degrees at Vanderbilt University. Dr. Cortner served his residency in pediatrics in New York at the Babies Hospital of Columbia University. He took fellowships at the Rockefeller Institute in New York City, at the Galton Laboratory of Human Genetics in London, and was a senior fellow at the National Heart, Lung and Blood Institute of the NIH.

Dr. Cortner was president of the National Board of Pediatrics in 1979, and served as an oral examiner for the Board, 1973-1989. Also, he chaired the Board's committees on Long Range Planning and Research and Development.

His professional and scientific affiliations included the Society for the Study of Inborn Errors of Metabolism, the Association of Medical School Pediatric Chairs, which he led for a number of years, the Society for Pediatric Research, the national and Philadelphia Chapters of the American Pediatric Society, and the American Federation for Clinical Research. Dr. Cortner was a fellow of the College of Physicians of Philadelphia.

Dr. Cortner is survived by Jeanne, his wife of almost 50 years; daughter, Ruth York; son, Stephen; and five grandchildren. Contributions may be made to The Children's Hospital Foundation, 34th St. and Civic Center Boulevard, Philadelphia, PA 19104, specifying the Cortner Endowed Chair in Pediatric Gastroenterology.

Richard Frost, Real Estate Center

Richard Frost, former coordinator of the Zell/Lurie Real Estate Center, died on May 26, while sculling on the Schuylkill at the age of 65. Mr. Frost earned a bachelor's degree in chemical engineering in 1961 from Penn. The same year, he joined the U.S. Marine Corps. Reserve.

Mr. Frost worked as an engineer for DuPont Co. before taking a job at Truck Parts & Equipment Corp. After Mr. Frost became president of the firm, he expanded the business to seven locations. Mr. Frost sold the company and retired in 1989.

In 1997, Mr. Frost senior staff person at the Zell/Lurie Real Estate Center, until his retirement in 2003. He was still working part-time with the Center until his death.

Mr. Frost loved the outdoors. He hiked and used to go kayaking with his wife near their summer home on Seal Cove Pond in Maine. An oarsman for 30 years, Mr. Frost was a member of the University Barge Club.

Mr. Frost is survived by his wife, Susan; a son, David; a daughter, Amian Kelemer; five grandchildren; and a brother.

Contributions in his memory may be made to either The Richard Frost Award (checks made payable to The Trustees of the University of Pennsylvania, and addressed to the Zell/Lurie Real Estate Center, Suite 1400, Steinberg Hall-Dietrich Hall, 3620 Locust Walk, Philadelphia, PA 19104) or to Friends of Acadia (43 Cottage St., P.O. Box 45, Bar Harbor, ME 04609).

Robert "Dusty" Rhodes: Gazette

Robert M. "Dusty" Rhodes, former editor of the *Pennsylvania Gazette*, died May 24, from pneumonia after suffering a fall. He was 81.

Mr. Rhodes was the *Gazette's* editor from 1960-71 during which time the magazine covered sit-ins and anti-war protests, transforming the alumni publication.

In March 1964, the *Gazette* published Mary Ellen Marks' first professional assignment—photographs of six students in the College for Women (among them, Candice "Cappy" Bergen). "For the first time in my life, I have found something I am excited about and which provides me with the very important feeling of accomplishment," she told then-editor Robert "Dusty" Rhodes.

He was influential in the founding of the Council for Advancement and Support of Education (CASE) and the *Chronicle of Higher Education*.

He had previously served his alma mater, the University of Arkansas, as head of Alumni Relations and editor of their magazine and as editor of Lehigh University's alumni magazine.

He left Penn in 1971 for Brown University, where he was the editor of the *Brown Alumni Magazine* (then still known as the *Brown Alumni Monthly*) for 22 years until he retired in 1993. Under his leadership, *BAM* was selected as one of the top-ten university magazines 18 times, and *Newsweek* editors named it the Robert Sibley Magazine of the Year three times—in 1973, 1975 and 1976.

Mr. Rhodes is survived by his daughter, Meredith Pecci, and two grandchildren. In lieu of flowers, memorial gifts may be made to Barrington Presbyterian Church, 400 County Road, Barrington, MA 02806.

Note: Deaths continue on next page.

Deaths

George Rochberg, Music



George Rochberg

Award winning composer George Rochberg, the former chairman of the music department, and the Emeritus Annenberg Professor of the Humanities, died May 29 following complications from surgery at the age of 86.

At last month's stated meeting of the Board of Trustees, President Amy Gutmann said, "By any measure, George Rochberg was a musical giant whose influence on his students, protégés, and modern music cannot be exaggerated." She noted that, "Rochberg also composed a monumental body of quartets, symphonies, and concertos that continue to be performed at concert halls all over this world. Works like his *Third String Quartet* and the *Music for the Magic Theatre* revolutionized and reinvigorated contemporary music."

Described by Dr. Jeffrey Kallberg, music department chair, as "one of the most influential composers of the second half of the 20th century," Professor Rochberg's *Violin Concerto* was performed by Isaac Stern nearly 50 times between 1975 and 1977. His *Concerto for Clarinet and Orchestra* premiered in 1996 by the Philadelphia Orchestra, conducted by Wolfgang Sawallisch. Professor Rochberg published nearly 100 works including six symphonies and a full-length opera, *The Confidence Man*, and concertos.

Professor Rochberg described his music as a reflection of his "deep concern for the survival of music through a renewal of its humanly expressive qualities."

Professor Rochberg taught at Penn from 1960 until he became emeritus in 1983. He was chairman of the music department from 1960 until 1968. In 1976 he was designated University composer-in-residence. In 1979 he became the first Annenberg Professor of the Humanities.

Before coming to Penn he taught at the Curtis Institute of Music, 1948-1954. For his 80th birthday, the Pinkas/Hersh piano duo performed, *George Rochberg: A Life in Music*, at the Curtis Institute. In celebration of his 60th birthday, *A Festival of the Chamber Music of George Rochberg* was held at the Penn Museum.

He studied at Montclair State College, and at the Mannes School of Music in N.Y. During World War II he served as an infantry lieutenant in Normandy. He then studied at the Curtis Institute of Music, and at Penn where he received his M.A. in 1949. In 1950-51 he received a Fulbright Fellowship and an American Academy in Rome Fellowship, enabling him to study in Italy. He published the first study of twelve-tone music. When he returned in 1951, he became the publications director to the music publishers, Theodore Presser.

Among his numerous awards, he received two Guggenheim Fellowships, in 1956 and 1966. He received honorary doctorates from the Philadelphia Musical Academy (now the University of the Arts) in 1964, University of

Michigan in 1980, Penn in 1985 and the Curtis Institute in 1988. He became a member of the American Academy of Arts and Letters in 1985 and was elected a fellow of the American Academy of Arts and Sciences in 1986.

He is survived by his wife, Gene, and his daughter, Francesca. Contributions may be made to the long-established Paul Rochberg Scholarship Fund at Penn's Music Department, named in memory of his son.

Michael Tarnopol, Trustee

Michael "Mickey" Tarnopol, W '58, Charter Trustee and Board Vice Chair, died on May 23 at the age of 68. President Amy Gutmann said, "Mickey was heroic in fighting his illness through the last several years and he remained a strong and active Penn leader to the end. All those who knew him recognized that Mickey was a very special person. They also knew how much he loved Penn. And he was equally loved by us."

Trustee Chairman James Riepe said, "We find it hard to imagine a meeting of the trustees or indeed, any major Penn event without Mickey. His loyalty and devotion to Penn have enriched the University for over 30 years. His commitment of time and energy to Penn will benefit students and faculty for generations to come."

Mr. Tarnopol's involvement at Penn over the years reflected the breadth and depth of his commitment. At the time of his death, he was a member of the Trustee Executive, Nominating, Development, Budget and Finance, and Compensation Committees. His focus on raising resources for Penn impacted the University in many ways. For the last several years he was particularly focused on planning Penn's next capital campaign.

A long time member of the Board of Overseers of the Wharton School, Mr. Tarnopol co-chaired Wharton's Campaign for Sustained Leadership, which surpassed its original \$350 million campaign goal to raise \$445.7 million. He and his wife, Lynne, were founders of the Penn Club of New York and provided important



Michael Tarnopol

impetus to the creation of this New York presence. As a team, they also provided support for student financial aid and for faculty.

Mr. Tarnopol was vice chairman of Bear Stearns & Co., Inc. which he joined in 1975, and was admitted to partnership in 1976, and became a senior managing director in 1985 at the time of the firm's incorporation. Mr. Tarnopol headed the firm's International Department, 1975-1985, when he was appointed head of the Mergers & Acquisitions Department. In 1988, he became chairman of the Investment Banking Department and became vice chairman of the firm in 1997. Prior to joining Bear Stearns, he was a senior managing director and a member of the Board of Directors of Lehman Brothers, Inc., responsible for institutional sales and trading.

His civic and professional leadership positions were extensive. He served on the boards of Memorial Sloan-Kettering Cancer Center, the U.S. Polo Training Foundation, Cap CURE, Prep for Prep, and the Robert Steel Foundation. He was also a member of the President's Council of the Guggenheim Museum. He was the 1996 recipient of the American Jewish Committee's Herbert H. Lehman Human Relations Award and the 1995 Man of the Year Award from Prep for Prep.

He was also a member of the International Committee of the Securities Industry Association, NASD's District #12 Committee, and the NYSE Advisory Committee on International Capital Markets.

He is survived by his wife of 47 years, Lynne, CW '60, and daughters, Lori, C '83 and Lisa, C'85, his son-in-law, David Moore, and four grandchildren, Nicholas, Jamie, Lucy, and Jack.

Memorial donations may be made to the University of Pennsylvania, Development Office, c/o John H. Zeller, 3451 Walnut Street, Room 627, Philadelphia, PA 19104, or Memorial Sloan-Kettering Cancer Center, 1275 York Avenue, Box E, Attn: Barbara McLaughlin, Development, New York, NY 10021.

To Report A Death

Almanac appreciates being informed of the deaths of current and former faculty and staff members, students and other members of the University community.

However, notices of alumni deaths should be directed to the Alumni Records Office at Room 545, Franklin Building, (215) 898-8136 or send via e-mail record@ben.dev.upenn.edu.

In Response to the London Bombings

To the Penn Community,

In response to the unfortunate and tragic situation in London last week, the Division of Public Safety has monitored the situation intently and implemented a number of actions to assist with the safety and security of all those in the Penn community. At this time there are no threats to our region, however the Division of Public Safety wanted to ensure our community was informed of the steps that have been taken to date.

Both the City of Philadelphia and the University of Pennsylvania's Division of Public Safety partially activated their Emergency Operations Centers in order to facilitate the effective sharing of information. All public safety and Penn service organizations were involved and in communication with one another during this critical period following the incidents in England. Critical locations, specifically those around transportation centers, will be checked on a frequent and regular basis with the intent of providing a safety net to public transportation passengers. Additionally, key Penn signature buildings, assets and locations will also be subject to frequent checks by the police and other security partners.

All persons should remain vigilant and informed as this dynamic situation continues to evolve. Please do not hesitate to contact the Division of Public Safety's PennComm Center at (215) 573-3333 (off-campus-cell or 511 on campus) should you have any questions, concerns or observations.

—Maureen Rush, Vice President of Public Safety

Honors & Other Things

PECASE: Three Penn Faculty



Marija Drndic

Three researchers from Penn have been named among 58 of the nation's most promising young scientists and engineers by President George W. Bush with the 2004 Presidential Early Career Award for Scientists and Engineers (PECASE).

Dr. Marija Drndic, an assistant professor in the department of physics and astronomy, was nominated for contributions to understanding the physics and applications of broad ranging nanoscale electronic devices and materials.

Dr. Tejvir Khurana, an assistant professor in the department of physiology, was nominated for his studies on myostatin, a muscle protein, which might offer therapeutic strategies for muscular dystrophy.

Dr. Kevin G. Volpp, an assistant professor in the Division of General Internal Medicine, was nominated for his work in using economic methods to study the effects of social policies and health system design



Tejvir Khurana



Kevin Volpp

on the health of patients and populations. Dr. Volpp also studies the effects of financial incentives on health behaviors.

The PECASE award honors the most promising researchers in the nation within their fields. The recipients are awarded up to five years of funding to further their research in support of critical government missions.

Gold Medal: Dr. Stunkard

Dr. Albert J. Stunkard, founding director of the Weight and Eating Disorders Program at the School of Medicine and Emeritus Professor of Psychiatry, was awarded the Gold Medal for Distinguished Academic Accomplishment from Columbia University's College of Physicians and Surgeons, where he earned his medical degree in 1945. The medal, which is presented by Columbia's Alumni Association, is their highest honor in recognizing outstanding achievement.

AcademyHealth Award Winners

The AcademyHealth Awards recognize individuals who have made significant contributions to the fields of health services research and health policy.

Dr. Linda Aiken, director of the Center for Health Outcomes and Policy Research, the Claire

The 2005 Emeriti Faculty

At the April ceremony honoring professors who were recently accorded emeritus status, President Amy Gutmann and Interim Provost Peter Conn acknowledged the achievements of the following faculty members:

Jane Bradley Alavi, professor of radiology, School of Medicine ('73)

Sandra Theis Barnes, professor of anthropology, SAS ('73)

William R. Brennen, associate professor of chemistry, SAS ('66)

Margaret M. Cotroneo, associate professor of psych-mental health nursing, School of Nursing ('83)

Robert J. Eckroade, associate professor, laboratory of avian medicine & pathology, School of Veterinary Medicine ('76)

Keith R. Devries, professor of classical studies, SAS ('69)

Robert A. Greenstein, associate professor of psychiatry, School of Medicine ('76)

Paul J. Honig, professor of pediatrics and dermatology, School of Medicine ('75)

Aron J. Katsenelinboigen, professor of operations and information management, Wharton ('78)

Phoebe Leboy, professor of biochemistry, School of Dental Medicine ('66)

Gordon Levenson, associate professor of anatomy and cell biology, School of Dental Medicine ('68)

David S. Mcdevitt, professor of anatomy, School of Veterinary Medicine ('68)

Joan Mollman, assistant professor of neurology, School of Medicine ('78)

Adrian Morrison, professor of laboratory for study of the brain in sleep, School of Veterinary Medicine ('66)

Patrick Pasquariello, professor of pediatrics, School of Medicine ('70)

Heinz Schleyer, assistant professor of surgery, School of Medicine ('70)

Alfred J. Rieber, professor of history, SAS ('66)

Joel Rosenbloom, associate professor of anatomy and cell biology, School of Dental Medicine ('67)

Edward R. Thornton, professor of chemistry, SAS ('61)

Wilfried Weber, professor of pathology, School of Veterinary Medicine ('66)

Note: The year in parentheses is the year the professors joined the faculty ranks.

M. Fagin Leadership Professor of Nursing, professor of sociology, and senior fellow at LDI, is the winner of the 2005 Distinguished Investigator Award. The award recognizes investigators who have made significant and lasting contributions to the field of health services research through scholarship and teaching, advancement of science and methods, and leadership.

Dr. Katrina Armstrong, assistant professor of medicine and epidemiology, senior fellow and director of research at LDI, and senior scholar in the Center for Clinical Epidemiology and Biostatistics has been awarded the Alice S. Hersh New Investigator Award. The award recognizes scholars early in their careers as health services researchers who show exceptional promise for future contributions to the field.

Dr. Rachel Werner, assistant professor of medicine and a staff physician at the Philadelphia VA Medical Center has been awarded the Dissertation Award. She completed a Ph.D. in health economics at the Wharton School and finished her dissertation, "Testing Theories of Discrimination in Health Care: Evidence from New York's CABG Report Card" in 2004. The award honors an outstanding scientific contribution from a doctoral thesis in health services research.

Grants: Nursing Faculty

Dr. Mary Naylor, the Marian S. Ware Professor in Gerontology, has been awarded a grant by the Commonwealth Fund's Program on Health Care Quality Improvement. It is in support of the project *Coordinating Care between Hospital and Home: Translating Research into Practice, Phase 2*.

Dr. Julie Sochalski, associate professor in nursing, has been awarded a grant by the Commonwealth Fund's Program on Medicare's Future. It is in support of the project *Improving Quality and Efficiency: A Coordinated Care Benefit for Medicare Enrollees with Heart Failure*.

Dr. Norma Cuellar, assistant professor in nursing, has been awarded the Minority Junior Faculty Award by the Christian R. & Mary F. Lindback Foundation. The grant is in support of

her project on the use of alternative medicine for the sleep disorder Restless Leg Syndrome.

Pew Fellowship: Mr. Mosley

Joshua Mosley, assistant professor of fine arts at the School of Design, has received the 2005 Pew Fellowship in the Arts. Joshua Mosley teaches digital animation. Established by the Pew Charitable Trusts in 1991, grants of \$50,000 are awarded to artists working in a wide variety of performing, visual, and literary disciplines. The grants provide support to the artists so that they have the opportunity to dedicate themselves to creative pursuits exclusively.

ASLA Design Medal: Mr. Olin

Laurie Olin, practice professor of landscape architecture and founder and principal of Olin Partnership, Ltd., has been awarded the American Society of Landscape Architects (ASLA) Design Medal in honor of his exceptional accomplishments in design. The medal is awarded annually to a landscape architect.

Laurie Olin has also been honored with membership in the American Academy of Arts and Letters. The mission of the Academy is to foster and sustain interest in literature, music, and the fine arts by identifying and encouraging individual artists. Mr. Olin is one of only three landscape architects to be honored with membership in the Academy since its founding in 1898.

Rome Prize: Ms. Berrizbeitia

Anita de La Rosa Berrizbeitia, associate professor of landscape architecture, is the 2005-06 winner of the Prince Charitable Trusts Rome Prize Fellowship in Landscape Architecture. Her research will be on the ecology of formal systems in the Italian landscape and garden. Rome Prize fellowships are designed for artists and for scholars in the early or middle stages of their careers. The Academy offers the opportunity to examine the source of Western humanistic heritage, and to engage in a dialogue with Rome's culture.

(continued on page 7)

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\$5 Million Grant to GRASP Lab

Engineers at Penn have received a \$5 million grant from the Department of Defense to develop large-scale “swarms” of robots that could work together to thoroughly search large areas from the ground and sky.

Penn’s *General Robotics, Automation, Sensing and Perception Laboratory* (GRASP) will receive the five-year grant Defense Department’s Multidisciplinary University Research Initiative program. The Swarms project is based upon the success of the GRASP Lab’s smaller-scale Multiple Autonomous Robotics (MARS) project, which managed the movement and behavior of about a dozen robots.

“Our objective here is to develop the software framework and tools for a new generation of autonomous robots, ultimately to the point where an operator can supervise an immense swarm of small robots through unfamiliar terrain,” said Vijay Kumar, director of the GRASP Lab at SEAS and principal investigator of the Swarms Project.

Two Awards for WXPN

Roger LaMay, WXPN general manager and Vinnie Curren, former WXPN general manager, were awarded Public Radio International’s (PRI) Award for Innovation and Entrepreneurship. They were chosen for “all that they have done with taking a radio station and moving it into the café and everything they’ve done with the station,” said Dan Jensen, PRI spokesman.

WXPN and *World Cafe Live* were honored by the Arts & Business Council of Greater Philadelphia for “the unusual collaboration between a for-profit producer of live entertainment and a nonprofit public radio station to establish the World Cafe Live.

NPR: National Distribution for WXPN

NPR has acquired exclusive national distribution rights to WXPN Philadelphia’s *World Cafe* and *Conversations from the World Cafe*, two contemporary music shows.

Graduate Student Teaching Awards

The Penn Prize for Excellence in Teaching by Ph.D. students was established in 2000. Awarded by the Office of the Provost, the prizes recognize excellence in teaching by graduate students across the University who, through their dedication to teaching, have had a profound impact on undergraduate education at Penn.

In recognition of Dr. Judith Rodin’s contributions to graduate education as Penn’s president from 1994-2004, The Council of Ivy Group Presidents funded two additional TA prizes in her honor this year.

This year there were 264 nominations for 120 TAs. The 12 awardees, shown below with President Amy Gutmann, are:

- *Nona Carter*: East Asian Languages and Civilizations
- *D’Maris Coffman*: History
- *Joanna Cohen*: History
- *Jamie Eggers*: Management
- *William Ewing*: Chemistry
- *Liang Huang*: Computer and Information Science
- *Claudio Lucarelli*: Economics
- *Lee Malkiel*: History
- *Mark Navin*: Philosophy
- *Nicholas Pagano*: Chemistry
- *Jason Rheins*: Philosophy
- *Michael Yatauro*: Mathematics



HERS: Dr. Hartocolis



Lina Hartocolis

Penn’s 2005 candidate for the HERS Summer Institute for Women in Higher Education Administration is *Dr. Lina Hartocolis*, the associate dean for administrative and student affairs as well as the director of continuing education at the School of Social Policy and Practice (formerly the School of Social Work).

The national institute, co-founded at Penn and held at Bryn Mawr College, is in its 30th year as a national training ground for women faculty and staff to prepare for advancement in higher education administration.

Janet Lee Stevens Award

Uri Horesch, a graduate student in linguistics, has received the Janet Lee Stevens Award, given annually to a graduate student in Arabic and Islamic Studies who, in addition to showing exceptional merit in his or her academic performance, fulfills the spirit of the Award by working to improve relations with and understanding of the Arab world (*Almanac* March 16, 2004).

One of the Best Places to Work in IT

Computerworld has selected Penn as No. 8 of the top workplaces for information technology professionals in America and as the top workplace for IT professionals in the Mid-Atlantic States. This honor is part of the weekly publication’s 12th annual “Best Places to Work” in IT survey, published in the June 27 issue.

The “Best Places to Work in IT” feature ranks the top 100 work environments for technology professionals, based on a questionnaire regarding benefits, diversity, career development, training and retention.

Alumni Reunion Gifts 2005

Fourteen reunion classes presented checks during Alumni Weekend in May. Nine classes exceeded \$1 million.

The Total Penn Fund includes gifts to unrestricted, class projects, and individual endowed scholarships.

The Total University includes all gifts made to the University by members of the class during their reunion year.

Class	Reunion	Donors	Total Penn Fund	Total University	Class Project
1940	65th	122**	\$289,980**	\$5,854,608**	The Class of 1940 Endowed Scholarship and Penn Fund
1945	60th	101	\$41,498	\$41,498	The Class of 1945 Endowed Scholarship and Penn Fund
1950	55th	327**	\$339,363	\$1,092,719	The Class of 1950 Endowed Scholarship and Penn Fund
1955	50th	331	\$2,626,899**	\$7,870,220**	The Class of 1955 Endowed Scholarship and Penn Fund
1960	45th	320	\$317,644	\$858,901	The Class of 1960 Endowed Scholarship and Penn Fund
1965	40th	381	\$1,294,291**	\$15,218,989**	The Class of 1965 Endowed Scholarship and Penn Fund Skirkanich Hall Walkway and Penn Fund
1970	35th	502	\$1,254,895	\$2,078,386	Garden Education Center of Urban Nutrition Initiative Student Performing Arts House Skirkanich Hall Walkway and Penn Fund
1975	30th	650	\$2,666,044	\$4,003,293	The Class of 1975 Endowed Scholarship Study Seminar Room in Van Pelt-Dietrich Library and Penn Fund
1980	25th	825**	\$2,593,131	\$5,871,776	The Class of 1980 Endowed Scholarship and Penn Fund
1985	20th	632	\$1,195,145	\$2,158,570	The Penn Fund
1990	15th	508	\$907,534	\$1,132,534	The Penn Fund
1995	10th	461	\$932,102	\$938,602	The Penn Fund
2000	5th	480	\$175,712	\$175,712	The Penn Fund
2005	Senior	930	\$46,341	\$46,341**	The Penn Fund

** Records

Clutch Hitters and Choke Hitters: Myth or Reality?

Math and economics major, Elan Fuld, C '06, studied the phenomenon of clutch hitting in baseball, and his calculations provided statistical evidence that players such as Eddie Murray, Frank Duffy and Luis Gomez were clutch hitters.

A surprising finding in the study was that Bill Buckner, who has gone down in history as one of the game's worst "choke artists" for his Game 6 World Series error, was statistically proven to be a clutch hitter.

In his study, Mr. Fuld defined a clutch hitter as a batter who hits better at more important points of the game. He modeled the at-bat outcomes of players using the importance of the game situation to find out if clutch or choke abilities helped to explain their performance.

"Once situational importance rose to around at least a certain level, the player would start to think this is very important and start doing something that makes him hit better, if he's clutch, or panics and does something that makes him hit worse, if he's a choke hitter," Mr. Fuld said.

"I really like baseball and like statistics, and this struck me as interesting. Anytime you hear sports announcers, they're always talking about who is a clutch hitter and who is a choke hitter. So I did a research project to determine whether there was statistical evidence for the existence of clutch hitters in Major League Baseball."

Last summer, between his sophomore and junior years at Penn, Mr. Fuld studied playing statistics of 1,075 Major League players in the 1974-1992 seasons. He determined the situational importance of a player's at-bat based on a team's lead, which bases were occupied, how many outs there were in the game and which half-inning it was. He used six sets of assumptions that involved sacrifice flies and errors in different ways, allowing for only a 1% chance of a player showing up as a clutch or choke hitter if he was not.

"What I found was that, when I included sacrifice flies in the analysis, there was overwhelming evidence that there were clutch hitters," said Mr. Fuld.

Methods of Advocating Breastfeeding

In a city where barely 20% of impoverished women breastfeed, changing attitudes toward breastfeeding has become a matter of course for students from the School of Nursing. Since 1995, 'Nursing 361' has required students to take part in a community advocacy program of their own design. In the May *Journal of Human Lactation*, the course's instructor offers guidelines for others to conduct such projects, as well as a model to demonstrate how advocacy can change communities.

"Many problems women have with breastfeeding stem from a lack of knowledge and support in their environment," said Dr. Diane Spatz, associate professor at the School of Nursing.

When Dr. Spatz created the course ten years ago, few nursing schools held in-depth breastfeeding classes. Indeed, surveys have shown that less than a quarter of the nation's nursing students had, as part of their maternity rotation, a significant opportunity to teach or counsel new mothers about breastfeeding. Almost 200 students have taken the course since then and, through their efforts, have affected the breastfeeding experience of thousands of people.

In challenging students to create a breastfeeding advocacy, the course has made a lasting impact in Philadelphia. According to Dr. Spatz, there are five areas where breastfeeding advocacy has been particularly effective:

The role of fathers in the success of breastfeeding has been well documented. For example, a support group for fathers of breastfeeding infants, began at Pennsylvania Hospital by a Penn Nursing student, has continued for more than five years after the project began.

Many newcomers to the United States have adopted bottle-feeding as a more "American" practice. Student programs have been effective in reaching out to local immigrant groups. In one example, a Vietnamese student began a successful program at a local Vietnamese church, working with families and translating educational materials.

Some community hospitals do not routinely employ lactation consultants to help new mothers through problems in breastfeeding. A number of Penn students have helped community hospitals, such as Albert Einstein Medical Center, and clinics provide information to new mothers as well as help train staff members.

Many women are wary of breastfeeding in public due to both real and imagined stigmas attached to the practice. One Penn student came up with a novel solution by encouraging area restaurants to display a "Breastfeeding Welcome Here" decal in their front windows.

Studies have shown women most often make their breastfeeding decisions well before they choose to bear children. According to Dr. Spatz, daycare centers offer an ideal place to begin educating men and women. In fact, one student created a life-size mother and child doll to appropriately demonstrate how babies can be breastfed.

Primary Graft Dysfunction & Lung Transplant Deaths

Among patients undergoing lung transplantation, primary graft dysfunction—a severe allograft ischemia-reperfusion injury syndrome occurring in the days after transplantation—contributes significantly to early and late mortality after lung transplantation, according to study findings.

This study shows that primary graft dysfunction is "very important to lung transplant outcomes," Dr. Jason D. Christie from the School of Medicine noted in comments to Reuters Health. "Therefore efforts aimed at understanding the mechanisms and trying to prevent it should be intensified."

Dr. Christie and colleagues analyzed data from 5,262 patients from the United Network for Organ Sharing/International Society of Heart and Lung Transplant Registry who were operated on between 1994 and 2000.

The overall incidence of primary graft dysfunction was 10.2% and the incidence did not vary by year of operation, reported in the first June issue of the *American Journal of Respiratory and Critical Care Medicine*.

Mortality at 30 days was 42.1% for patients with primary graft dysfunction versus 6.1% for those without primary graft dysfunction. Among patients who died within 30 days of the transplant, 43.6% had primary graft dysfunction.

"The intriguing finding of this study," Dr. Christie noted, "was that among those patients who made it through the first year, those who had previously had primary graft dysfunction at the time of transplantation still had a higher risk of death over the ensuing years." Adjustment for clinical variables including bronchiolitis obliterans syndrome did not alter this relationship.

"The increase in long-term mortality may be due to the lingering effects of a long ICU course, or alternately due to more immune rejection of the transplanted organ brought on by the acute lung injury in the early transplant period," Dr. Christie said.

"The reasons for the observed difference in long-term mortality (such as rejection or frailty) need to be the focus of future research, so that we can appropriately intervene," he added.

Solving Why Things Melt with Extra-large "Atoms"

Penn physicists have experimentally discovered a fundamental principle about how solid materials melt. Their studies have shown explicitly that melting begins at defects within the crystalline structure of solid matter, beginning along the cracks, grain boundaries and dislocations that are present in the otherwise orderly array of atoms. Their findings published in the recent edition of the journal *Science*, answer longstanding fundamental questions about melting and will likely influence research in physics, chemistry, materials science and engineering, as well as studies of biological importance.

In the *Science* paper, the Penn physicists show direct evidence for a leading theory of melting, the notion that the start of melting, premelting, occurs at imperfections in the orderly structure of solid crystals. Premelting occurs in areas where the alignment of atoms is not perfect, especially at the boundaries within crystals where the patterns of atoms shift much like imperfections in the grain of a piece of wood.

One problem with proving theories of how things melt is size; one simply cannot see the atoms in a solid structure as it melts. Not only are the atoms very small, but the solid matter tends to obscure what goes on inside. To get around these problems, Dr. Arjun Yodh, professor of physics and astronomy, and his colleagues made the atoms bigger.

"We created translucent three-dimensional crystals from thermally-responsive colloidal spheres. The spheres are like small beads visible in an optical microscope," said Ahmed Alsayed, a doctoral student in the department of physics and astronomy and lead author of the study. "The spheres swell or collapse significantly with small changes in temperature, and they exhibit other useful properties that allow them to behave like enormous versions of atoms for the purpose of our experiment."

As they raised the temperature of the colloidal particle crystal, the researchers could record changes within the crystal by following the motions of many individual spheres using a microscope and a video recorder.

The researchers believe these observations will lead to a better understanding of the melting process and enable more quantitative predictions of just how a substance might melt.

"The existence of premelting inside solid materials implies that liquids exist within crystals before their melting temperature is reached," said Dr. Yodh. "Understanding this effect will provide insight for the design of strong materials that are more or less impervious to temperature changes and could also apply to our theories of how natural materials, such as water, evolve in our environment. Other Penn researchers involved in this study are Dr. Mohammad Islam, Jian Zhang, and Peter Collings."

Business Services Update

Penn's Business Services Division (BSD) provides the leadership, business practices, facilities and services needed to develop and maintain a hospitable, fiscally responsible, customer-friendly campus environment. The following is an update on program and service information that should be of particular interest to faculty and staff.

— Marie Witt, Associate Vice President

2005-2006 Parking Rates

Effective September 1, 2005, the following rates are available to faculty and staff of the University and Health System:

Permit Class	Description	Monthly*	Weekly*
Class A	Campus Parking	\$125.00	\$31.25
Class B	Remote	\$78.35	\$19.60
Class C	Evening/Weekend	\$40.00	\$10.00

*(15% City of Philadelphia parking tax included)

At an average of \$6.25 per working day, permit rates are significantly less than the daily average rate of \$12.00 that non-permit holders will pay in Penn's transient parking lots.

University faculty and staff have the option to pay their permit parking fees through automatic payroll deduction. With this option, you will be automatically enrolled in the Penn Commuter Choice program, which offers you significant tax savings by deducting parking fees on a pre-tax basis.

If you are currently a permit holder and have any changes to your status, including a new car, license plate, address or telephone number, or a new position at Penn, please contact the Parking office with this information. You will not be sent a parking profile. Please e-mail the office at fsparking@pobox.upenn.edu or call (215) 898-8667.

Lot Closing

Please note that Penn's surface lot at 34th and Chestnut Street will permanently close on July 29. To learn about parking options on campus, visit: www.business-services.upenn.edu/parking.

Penn Children's Center Enrollment

While the Penn Children's Center (PCC) is currently filled to capacity, it is accepting waitlist applications for infants, toddlers and pre-school aged children. Enrollment for all ages is subject to space availability.

PCC, located at the Left Bank complex at 3160 Chestnut Street, serves children ages 12 weeks through five years. The program features weekly themes and a diverse, multicultural curriculum. PCC features a nurturing infant program, well-equipped classrooms with computers, a multi-purpose indoor-gym room, an outdoor playground and a children's garden. The teaching staff is highly trained in early childhood education and the program is accredited by the National Association for the Education of Young Children (NAEYC).

Each year, PCC and the Division of Human Resources set aside funds to help reduce the cost of the program for qualified members of the Penn community. Please review the rates for FY 2005 below, available to Penn faculty, staff, students and UPHS employees.

Tuition Rates*
Effective July 5, 2005 Through July 1, 2006

July 2005	Penn	Regular	Assisted A	Assisted B
Infants				
5 days	302	333	181	220
4 days	265	291	159	198
3 days	219	241	131	165
2 days	150	163	89	111
Toddlers				
5 days	254	283	149	190
4 days	228	254	136	170
3 days	202	226	119	150
2 days	137	153	81	102
Pre-School				
5 days	207	233	124	155
4 days	182	205	118	136
3 days	150	167	89	111
2 days	110	124	65	82
Drop In Care				
Preschool	\$60			
Toddlers	\$73			
Infants	\$80			

* Tuition rates are per week; drop-in care fees are per day.

Assisted rates are available to regular University (not UPHS) employees that meet eligibility requirements, subject to space availability and funding. Part-time slots and sibling discounts are also available. Please contact Natalie Subeh, executive director, or Anjali Chawla, director, at (215) 898-5268 for additional information or to arrange a tour. Visit: www.upenn.edu/childcare.

Summer on University Square

This summer, Penn's University Square presents a variety of fare for the Penn community, visitors and neighbors.

Farmers Market – area farmers showcase fresh vegetables, fruit and baked goods every Wednesday, 11 a.m. – 2 p.m.

Music Series – local bands present live music ranging from jazz to Indian fusion every Thursday, 5-7 p.m.

Summer Fest: Now through July 15, check out sand sculptures and take advantage of extended Farmers Market and Music Series dates, enjoy both events on July 12, 13 and 14. Shop the summer sales, enjoy an iced beverage outdoors or come inside and enjoy lunch or dinner at our many restaurants and cafés.

All events take place at 36th and Walnut Streets outside the Penn Bookstore, weather permitting.

Computer Connection's Back-To-School Sale

During Penn Computer Connection's Back-To-School Sale, happening now until September 9, faculty, staff and students can take advantage of educational discounts on Apple, Dell and IBM products. Log on to www.upenn.edu/computer-store for more information on the sale or visit the Computer Connection at 3610 Sansom St.

New Name for the Faculty Club

In order to represent all eligible members – faculty, staff, graduate students and alumni – Penn's Faculty Club is changing its name to the University Club at Penn. The name change was made official at the Club's annual meeting in May. The University Club will continue to offer all the same great services. For information on membership, visit www.business-services.upenn.edu/facultyclub/ or call (215) 898 4618.

SEPTA Tokens

Many departments purchased SEPTA tokens for Penn purposes from Currency One, which recently closed its location on the second floor of the Penn Bookstore. In the fall, the Student Federal Credit Union (SFCU) will open a second branch in the vacated space. SFCU will be pleased to provide SEPTA tokens to staff in addition to its regular member services. To purchase tokens for departmental use, a staff member will need to complete a c368 form and take it to Accounts Payable, who will issue a 'will call check' within three business days. Staff must then take the check, along with an authorization letter from Accounts Payable, to the SFCU. A valid PennCard will be required at the time of the transaction. For more information on this process, please contact Accounts Payable at (215) 898-7272.

2005-2006 Faculty/Staff Telephone Directory Update

This year's printed listings will be based *solely* on information displayed in the *Penn View* of the Online Directory. All revisions made online by July 12, 2005 will appear in the 2005-2006 Directory. Department directory liaisons are responsible for verifying and making any necessary edits to online listings, and selecting which records should be printed, *by August 15*. (Please visit www.business-services.upenn.edu/fsdirectory/individual.html). Directories will be distributed in mid-October.

Directory Liaisons: Upcoming Deadlines

Blue Pages

You will receive the following items by July 18, to verify or make revisions:

- Blue Pages proofs (for drafts returned by July 11)
- Emeritus professor and standing faculty listings (if applicable)
- Directory order form

If you have not updated your Blue Pages section(s), please submit all changes *before August 15*. *These submissions will be considered final edits*. If you did not receive a hardcopy mailing, please contact the Telephone Directory staff at fsdirectory@pobox.upenn.edu or (215) 898-7643.

To submit Blue Pages revisions:

- Mail, e-mail or fax changes to the Telephone Directory Office:
- Mail: 125 Sansom Place East, 3600 Chestnut Street/6106
 - Fax: (215) 898-7929
 - E-mail: fsdirectory@pobox.upenn.edu

White Pages

Verify and, if necessary, edit listings online, plus select records to be printed *by August 15*. Please refer to detailed instructions sent via e-mail in early July for the new white pages online process.

Future Updates

Faculty and staff should continue to use the online update feature at www.upenn.edu/directories/ to revise directory information throughout the year. You will need your PennKey and password. We encourage new staff members to review their record after they have obtained a PennCard and PennKey/password.

For More Information

Contact Kimberly Lewis at (215) 898-7643, e-mail fsdirectory@pobox.upenn.edu.

—Donna M. Petrelli-Aquino,

IT Project Leader, Division of Business Services



The American Tribal style belly dance troupe, Hipnosis, will perform on July 16 at the Rotunda.

UCD Ethnic Dining Guide

University City District (UCD) released the first-ever "University City Ethnic Dining Guide", celebrating the rich diversity of restaurants in University City. When dining out in University City, visitors are likely to experience dishes originating from Thailand, Laos, Ethiopia, Pakistan, France and Japan, among many other countries.

The 20-page Dining Guide, which was made possible with a generous grant from the Greater Philadelphia Tourism Marketing Corporation (GPTMC), features over 60 University City destinations from the well-known Zocalo, Dahlak and Vientiane Café to neighborhood spots like Lou's Mexican Restaurant and Abyssinia Restaurant and Bar.

The University City Ethnic Dining Guide includes detailed information (including a fold-out map) on area restaurants' hours, locations and offerings, as well as a description for each destination.

Copies of the guide are available at University City District's office, 3940 Chestnut Street, or by calling (215) 243-0555. Visit www.uci-typhila.org to download a PDF of the guide.

Oprah's Book Club Lectures

On Monday, July 18 and 25, Penn professor Thadious Davis' video lecture about the Oprah Book Club selection of the month, *The Sound and the Fury* by William Faulkner can be seen on *Oprah.com*. Dr. Davis, the Geraldine R. Segal Professor of American Social Thought in the department of English, will also answer club members' e-mail questions about the novel's storyline, characters, etc.

Almanac Schedule and Deadlines

This is the only issue scheduled for the summer. The next issue of Volume 52 is scheduled to come out on September 6, at the beginning of the fall semester. The deadline for the September 6 issue is *August 22*. The deadline for the September AT PENN calendar is *August 15*.



Late Summer Launch for ATLAS Database

Excitement mounts as the Advancement Project* Team puts on the finishing touches for the summer launch of ATLAS Database—a major milestone toward attaining the Project's key goals of

- Allowing the University to significantly increase its fundraising
- Better supporting alumni, donor, and membership programs
- Meeting the University's financial reporting requirements more efficiently and effectively
- Implementing the self-service tools, data, systems, and supporting policies and procedures that allow this to happen

...while continuing to embrace and expand the community's core values of integrity, collegiality, collaboration, transparency, and trust.

The ATLAS Database and accompanying changes in business processes will combine to deliver:

- Biographic and demographic update and inquiry
- Prospect, Campaign, & Volunteer Management update and inquiry
- Gifts inquiry
- Reporting with the Data Warehouse as the source
- Cleansing and converting historic prospect and gifts data
- Decommissioning of the IDB database and the Deborah reporting system

Change is a Challenge—Training is Required on the ATLAS Database

We are aware that change is often difficult and that current ways of doing business are deeply embedded in the workplace. These new tools and processes will require that the Advancement community devote the necessary time and resources to the new methods of conducting business, including full participation in ATLAS training. As with any process change, it will be a challenge to all to maintain "business as usual" while the changes are being implemented.

Countdown to ATLAS Database Launch—Testing and Training

To prepare for the summer launch, the Project Team is now working closely with the Advancement community across the University to complete documentation and testing and to prepare for training, scheduled to begin in July. Details for online training registration have been distributed to the Advancement community, who can now register online at <http://knowledgeblink.upenn.edu>. Completion of a core curriculum will be *required* for access to the ATLAS Database. Specialized training, customized by job function and role, will also be offered.

Note: *ATLAS Portal end-user training is a pre-requisite for ATLAS Database training.*

Up-to-Date ATLAS News

If you are a current ATLAS user, log on to ATLAS at www.atlas.upenn.edu for the latest developments.

For updates on the Advancement Project, visit the public project web site at www.alumni.upenn.edu/advance/

* The Advancement Project is a collaborative effort of Development and Alumni Relations (DAR), the Treasurer's Office, and Information Systems and Computing (ISC).

—Robin Beck, Vice President, Information Systems and Computing

—Lucy Momjian, Associate Vice President, Office of the Treasurer

—Sam Lundquist, Assistant Vice President, Development and Alumni Relations

Update

Summer AT PENN

CONFERENCE

7/18 Grants 101: Professional Grant Proposal Writing Workshop; 8 a.m.-5 p.m.; \$597; register: www.thegrantinstitute.com. Through July 20.

EXHIBITS

7/16 From Above: Images of a Storied Land; aerial photographs and video footage by Adriel Heisey of the American Southwest Desert; Penn Museum. Through October 2.

Now Annual In-house Exhibition; works by employees of the Science Center; Esther Klein Gallery. Through July 31.

Book Arts from UArts: Selections from the University of the Arts MFA Program in Book Arts/Printmaking 1989-2005; Kamin Gallery, Van Pelt-Dietrich Library. Through August 26.

Making Prints: Prints from the University of Pennsylvania Library; Rosenwald Gallery, Van Pelt-Dietrich Library. Through September 12.

Urban Life; multimedia exhibit that explores overpopulation, pollution, terrorism and entertainment; Esther Klein Gallery. Through November 13.

FILMS

Secret Cinema Moonlight Movie Series

Screenings at 40th St. field between Locust and Walnut; 9 p.m.; free.

7/14 Dirigible; rain date: July 17.

7/21 Paradise, Hawaiian Style; rain date: July 24.

7/28 Sons of the Desert; followed by remaining chapters of *Radio Patrol*; rain date: July 31.

FITNESS/LEARNING

Lisanga Ya bana Kin Congolese Dance Classes; traditional African dance; 2-3 p.m. and 3:30-4:30 p.m.; \$15/class; \$10/members, students,

seniors; \$8/children under 12; International House; info/register_programs@ihphilly.org. Through August 21.

Office of Health Education

Register: (215) 573-3525.

7/13 Massage Techniques 101; noon.

7/20 Everyday Self-Defense: Setting Boundaries; noon.

7/27 Sexual Healing: Choosing Our Lovers Wisely; noon.

SPECIAL EVENTS

2nd Annual 40th Street Summer Series

The Rotunda, 4014 Walnut St.; 2-5 p.m.; free.

7/16 Hipnosis and Tribal Spirit Belly Dance Troupes; American Tribal Style belly dance.

7/23 Day of Art and Cheap Art Bazaar; create visual art and puppets with street theater from Bowen's Puppets.

7/30 Mshindi Vita Ngoma Pan African Drum Ensemble; African and Caribbean rhythms.

8/6 Taino God's Street Theater and Puppet Up-rising; street puppet theater and music to depict Caribbean myth of creation.

Deadline: The deadline for the September AT PENN calendar is Tuesday, August 15. For information see www.upenn.edu/almanac/calendar/caldead-real.html.

Kids' Series at World Cafe Live

Peanut Butter and Jams is a new series World Cafe Live has developed promoting live music and interactive entertainment experiences for kids. Each Saturday at 11:30 a.m. the show begins and it is then followed up with a family-friendly lunch off a special menu in the Upstairs Café. Tickets are \$6 per show.

For a complete listing of the confirmed shows see <http://tickets.worldcafelive.com/eventcategory.asp?c=45>.

Get On Board Express Almanac

Sign up to receive e-mail notification when we post breaking news between issues. Send an e-mail to listserv@lists.upenn.edu with "subscribe e-almanac <your full name>" in the body of the message. —Ed.



CLASSIFIEDS—PERSONAL

COUNSELING

Individual Adult Counseling. Call for a free phone consultation with licensed psychologist Deborah J. Armstrong, Psy.D. Formerly with Princeton University Counseling Center. Now in private practice in Haddonfield, NJ. Phone: (856) 783-8350.

FINANCIAL PLANNING

Narayan Capital Management. Fee Only Financial Planning. Unbiased, honest financial advice is hard to find. Call us. Registered Investment Advisor. Penn '91, WG '98. www.narayan-capital.com. (770) 456-5722. (404) 841-2376.

Almanac is not responsible for contents of classified ad material.

For information call (215) 898-5274.

CLASSIFIEDS—UNIVERSITY

RESEARCH

Volunteers Needed for Osteoporosis Study

The University of Pennsylvania Health System/Department of Radiology seeks women 60 years or older. Eligible volunteers would receive a magnetic resonance (MRI) and a dual energy X-ray exam (DEXA) to measure bone density. Participants will be compensated. Please contact Louise Loh or Helen Peachey at (215) 898-5664 for more information.

Almanac is not responsible for contents of classified ad material.

The University of Pennsylvania Police Department Community Crime Report

About the Crime Report: Below are all Crimes Against Persons and Crimes Against Society from the campus report for **June 27-July 3, 2005**. Also reported were 9 Crimes Against Property (including 5 thefts, 3 burglaries and 1 auto theft). Full reports are on the web (www.upenn.edu/almanac/volumes/v52/n01/creport.htm). Prior weeks' reports are also online. —Ed.

This summary is prepared by the Division of Public Safety and includes all criminal incidents reported and made known to the University Police Department between the dates of **June 27-July 3, 2005**. The University Police actively patrol from Market Street to Baltimore Avenue and from the Schuylkill River to 43rd Street in conjunction with the Philadelphia Police. In this effort to provide you with a thorough and accurate report on public safety concerns, we hope that your increased awareness will lessen the opportunity for crime. For any concerns or suggestions regarding this report, please call the Division of Public Safety at (215) 898-4482.

06/27/05	1:10 PM	106 38th St	Male obstructing highway/Arrest
06/27/05	10:40 PM	3730 Walnut St	Complainant being harassed by known male
06/28/05	11:23 AM	400 Curie Blvd	Male wanted by warrant/Arrest
06/29/05	9:26 PM	130 S 36th St	Complainant's credit card used fraudulently
06/30/05	1:41 AM	4200 Sansom St	Male wanted on warrant/Arrest
07/01/05	1:34 PM	230 S 40th St	Male obstructing passageway to restaurant/cited
07/02/05	10:49 PM	3100 Walnut St	Intoxicated male/cited
07/03/05	1:05 AM	3600 Spruce St	Underage male observed/cited for curfew violation
07/03/05	9:44 AM	38th & Chestnut St	Male stopped for traffic violation/Arrest

18th District Report

10 incidents and 4 arrests (including 7 robberies and 3 aggravated assaults) were reported between **June 27-July 3, 2005** by the 18th District covering the Schuylkill River to 49th St. & Market St. to Woodland Ave.

06/27/05	1:35 PM	5031 Spruce St	Aggravated Assault
06/28/05	5:30 PM	5200 Cedar Ave	Robbery
06/28/05	6:12 PM	5123 Chestnut St	Robbery
07/01/05	2:00 AM	4600 Chestnut St	Robbery
07/01/05	3:10 AM	4300 Baltimore Ave	Robbery/Arrest
07/01/05	3:31 AM	4200 Chester St	Robbery/Arrest
07/02/05	4:30 PM	5100 Market St	Aggravated Assault/Arrest
07/02/05	4:30 PM	5100 Market St	Aggravated Assault/Arrest
07/02/05	3:00 AM	4800 Baltimore Ave	Robbery
07/03/05	3:10 AM	300 45th St	Robbery



Almanac

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The University of Pennsylvania's journal of record, opinion and news is published Tuesdays during the academic year, and as needed during summer and holiday breaks. Its electronic editions on the Internet (accessible through the PennWeb) include HTML and Acrobat versions of the print edition, and interim information may be posted in electronic-only form. Guidelines for readers and contributors are available on request and online.

EDITOR Marguerite F. Miller
ASSOCIATE EDITOR Natalie S. Woulard

UCHS INTERN Francine Bines

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University of Pennsylvania Three-Year Academic Calendar, 2005-2006 through 2007-2008

Fall		2005 Fall Term	2006 Fall Term	2007 Fall Term
Move-in and registration for Transfer Students	Wednesday	August 31	August 30	August 29
Move-in for first-year students	Thursday	September 1	August 31	August 30
New Student Orientation	Thursday-Tuesday	September 1-6	August 31-September 5	August 30-September 4
Labor Day	Monday	September 5	September 4	September 3
New Student Convocation and Opening Exercises	Tuesday	September 6	September 5	September 4
First Day of Classes	Wednesday	September 7	September 6	September 5
Course Selection Period Ends	Friday	September 23	September 22	September 21
Drop Period Ends*	Friday	October 14	October 13	October 12
Fall Break	Saturday-Tuesday	October 15-18	October 21-24	October 13-16
Family Weekend	Friday-Sunday	October 21-23	October 13-15	November 2-4
Homecoming	Saturday	November 5 (Princeton)	October 28 (Brown)	October 20 (Yale)
Advance Registration, Spring Term	Monday-Sunday	October 31-November 13	October 30-November 12	October 29-November 11
Thanksgiving Break Begins at close of classes	Wednesday	November 23	November 22	November 21
Thanksgiving Break Ends 8 a.m.	Monday	November 28	November 27	November 26
Fall Term Classes End	Friday	December 9	December 8	December 7
Reading Days	Saturday-Tuesday	December 10-13	December 9-12	December 8-11
Final Examinations	Wednesday-Wednesday	December 14-21	December 13-20	December 12-19
Fall Semester Ends	Wednesday	December 21	December 20	December 19
Spring		2006 Spring Term	2007 Spring Term	2008 Spring Term
Spring Semester classes begin	Monday	January 9	January 8	January 14
Martin Luther King, Jr. Day (observed; no classes)	Monday	January 16	January 15	January 21
Course Selection Period Ends	Friday	January 20	January 19	January 25
Drop Period Ends*	Friday	February 10	February 9	February 15
Spring Break Begins at Close of Classes	Friday	March 3	March 2	March 7
Classes Resume at 8 a.m.	Monday	March 13	March 12	March 17
Advance Registration for Fall and Summer Sessions	Monday-Sunday	March 20-April 2	March 19-April 1	March 24-April 6
Spring Term Classes End	Friday	April 21	April 20	April 25
Reading Days	Monday-Wednesday	April 24-26	April 23-25	April 28-30
Final Examinations	Thursday-Friday	April 27-May 5	April 26-May 4	May 1-9
Alumni Day	Saturday	May 13	May 12	May 17
Baccalaureate	Sunday	May 14	May 13	May 18
Commencement	Monday	May 15	May 14	May 19
Summer		2006 Summer	2007 Summer	2008 Summer
12-Week Evening Session classes begin**	Monday	May 15	May 14	May 19
First Session classes begin	Tuesday	May 16	May 15	May 20
Memorial Day (no classes)	Monday	May 29	May 28	May 26
First Session classes end	Friday	June 23	June 22	June 27
Second Session classes begin	Monday	June 26	June 25	June 30
Independence Day (no classes)		July 4 (Tues)	July 4 (Wed)	July 4 (Fri)
Second Session; 12-Week Evening Session classes end	Friday	August 4	August 3	August 8

* The procedures & deadlines to drop courses with no or limited financial obligation differ by program.

** Options will be arranged for those who have scheduled commencement

Note: The University's Three-Year Academic Calendar is subject to change. In the event that changes are made, the latest, most up-to-date version will be posted to *Almanac's* web site, www.upenn.edu/almanac.