SSW Teaching Awards

The 2004 recipients of the School of Social Work’s Excellence in Teaching Awards are Dr. Carol Wilson Spigner (standing faculty), and Mary Cavanaugh (part-time faculty).

The awards were presented at the School’s commencement ceremony on May 17. Recipients of the Excellence in Teaching Awards are selected by graduating students and must demonstrate the following: a high level of scholarship in the course(s) taught; a teaching style that stimulates the students’ interest; a commitment to student learning; respect for students’ personal differences; and a significant and lasting impact on the professional development of students.

Dr. Spigner received her undergraduate degree from the University of California at Riverside and her masters and Ph.D. from the University of Southern California. She joined the Penn School of Social Work faculty (continued on page 2)

CIO: Kristin Gilbertson

Kristin A. Gilbertson has been named Chief Investment Officer for the University, according to Craig Carnaroli, Senior Vice President for finance at Penn. Ms. Gilbertson will begin her new duties on August 15.

Ms. Gilbertson was managing director, Public Equities at Stanford Management Company in Menlo Park, California. In her new role, Ms. Gilbertson will be responsible for overseeing management of the University’s $3.9 billion endowment. Her responsibilities will include assisting Penn’s Investment Board in formulating investment strategy; identifying new investment opportunities; evaluating manager performance; and overseeing the investment of Penn’s $600 million pension plan.

“Kristin is a talented investment manager with a wealth of experience in developing successful and innovative investment strategies,” Mr. Carnaroli said. “She is the ideal person to lead Penn’s Office of Investments as it strategically manages the University’s assets to max

(continued on page 2)

Provost Barchi: President of Thomas Jefferson University

Provost Robert L. Barchi has been elected Thomas Jefferson University’s fourth president, Brian G. Harrison, chair of Jefferson University’s Board of Trustees, announced on June 7, following a full board vote.

Dr. Barchi will begin his tenure at Jefferson on September 1, 2004. He succeeds Jefferson University President Dr. Paul C. Brucker, who announced his plans to retire in July 2003 after a distinguished tenure of 14 years.

“It gives me great pleasure to welcome Dr. Robert Barchi to Jefferson,” Mr. Harrison said. “He brings to the Presidency an extraordinary blend of academic leadership experience and professional expertise that will help position the University for continued excellence. He will also help solidify the excellent relationships and affiliations we now have with Thomas Jefferson University Hospital and the Jefferson Health System.”

“I look forward to this exciting and challenging opportunity,” said Dr. Barchi. “Thomas Jefferson University is an outstanding institution with a long and illustrious history of leadership in education, research and clinical care. Jeff is highly respected both in the community and nationally among members of the various health professions. I’m eager to join the team of outstanding faculty, students, staff, alumni and Trustees in shaping a strong future for Thomas Jefferson University.”

Dr. Barchi became Penn’s Provost in 1999, after having spent much of his academic career in the university’s School of Medicine. In addition to his clinical activities as a neurologist specializing in neuromuscular diseases, Dr. Barchi is also a dedicated teacher and a molecular neuroscientist with a strong history of discovery in ion channel research that has been supported by nearly 30 years of continuous NIH funding.

“Thomas Jefferson University has made an inspired choice in selecting Bob to lead its colleges forward,” said Dr. Judith Rodin, then Penn President. “Throughout his more than 30-year career at Penn, he has been a brilliant researcher and clinician, passionate teacher and successful leader. He has been an outstanding Provost, trusted advisor, and a good friend. I wish him well as he moves on to this new challenge.”

Dr. Barchi served as vice-dean for research in Penn’s School of Medicine from 1989 to 1991. In 1992, he established the Department of Neuroscience and became its first Chair. In 1995, while serving as chair of Neuroscience, he became Chair of the Department of (continued on page 2)

Resignation of Chief of Police

Tom Rambo has resigned his position as Chief of Police in order to pursue other professional opportunities, Vice President for Public Safety Maureen Rush announced. Mr. Rambo recently completed his graduate studies with St. Joseph’s University’s Master of Science program. “He felt that during this unique moment of transitions within the Penn administration, this was the perfect time for him to explore alternative career options.”

Mr. Rambo came to the University of Pennsylvania’s Division of Public Safety in 1986. He was promoted to Police Sergeant in 1991, Lieutenant in 1998 and to Chief of Police in 2001. As a Lieutenant he commanded the Special Response Team, and was appointed Tactical Commander, overseeing the formation of the Emergency Response Team, Motorcycle Patrol and Bike Patrol.

IN THIS ISSUE
2 Search Underway for EVP
3 Trustee Coverage: Deaths: Dr. Middleton; Dr. Wolf
4 PPISA Board; WPISA Officers; 25-Year Club Dinner; Alumni Reunion Gifts; Honors & Other Things
6 Research Roundup
8 OF RECORD: Procedures Regarding Misconduct in Research for NonFaculty
10 Government Affairs Update
11 Business Services Update
12 OF RECORD: PennNet Computer Security Policy
13 UCD: New Logo and Brand Identity
14 Penn Presents; Drive In, Drive Out; Faculty Club; Houston Market: Summer Volunteer Opportunities; American Heart Walk; PSA Calendars
15 Mayan Exhibit; Update; CrimeStats; Classifieds
16 Three-Year Academic Calendar

(continued on page 2)
CFO for UPHS: Mr. DeVoe
(continued from page 1)
pointment. “He has successfully guided financial
turnarounds and stable operations; and we are
confident of his ability to support us in develop-
ing long-term financial strategies for UPHS”.
“At UPHS, Andrew will work closely with
the leadership teams at the Health System, the
School of Medicine, and the University to meet
performance objectives of the PennMedicine
Strategic Plan,” added Mr. Muller. “He will also
work closely with our financial managers on
critical day-to-day-to operations.”
Mr. DeVoe’s extensive and geographically
diverse experience in for-profit health-care sys-
tems has positioned him well to assume the top
financial position in UPHS. During his eight-
year tenure with Tenet Healthcare Corporation,
served as Chief Financial Officer for three
discrete hospitals/medical centers in the east-
ern U.S. before assuming the top finance job
for Tenet’s Philadelphia market. Prior to that, he
held positions of increasing responsibility with
Health Management Association, Inc. (of Nap-
les, FL) and Hospital Corporation of America (of
Nashville, TN).
“I am delighted to join one of the nation’s
leading academic health systems, and look for-
ward to working with the Health System’s
leadership to identify and positively exploit ad-
ditional opportunities for cost-savings and rev-
ergrowth,” said Mr. DeVoe. “My previous experience in for-profit medicine has given me a
perspective that may prove valuable in impro-
ving the fiscal operations of our health system at
the operations level.”
In 1991, Mr. DeVoe earned his bachelor’s
degree in finance from Belmont College, in
Nashville, TN. He is a member of the Health-
care Financial Management Association; and,
for nearly-consecutive years (1999, 2001,
2002, and 2003), he earned Tenet Corporation’s
“Outstanding CFO Award.”

CIO: Ms. Gilbertson
(continued from page 1)
imize investment returns and position Penn to
meet the financial challenges that lie ahead.”
At Stanford Management Company, Ms.
Gilbertson was responsible for the public equity
and long/short portfolios for Stanford Universi-
y’s $9.8 billion endowment.
“I am delighted that Penn will be joining
Penn as chief investment officer,” said President
Amy Gutmann. “She is a highly skilled and suc-
cessful investment analyst with a keen under-
standing of the challenges faced by large diverse
organizations in today's global economy.”
Prior to joining SF in 2002, Ms. Gilber-
tson spent 10 years at the World Bank in Wash-
ington D.C., where she was most recently a prin-
cipal investment officer and strategist in the
Investment Management Department. Ms. Gil-
bertson managed U.S. and International Equity
portfolios and was also active in all asset alloca-
tion decisions for the $10 billion pension portfo-
ilio and the $1 billion medical benefits portfolio.
“We are indeed fortunate to have attracted
someone with Kristin’s depth and breadth of
experience in the financial sector, both on a na-
tional and international level,” said Howard Marks,
President and Chief Investment Officer of the
PF.
“I am pleased and honored to join Penn as
chief investment officer,” said Gilbertson. “I look
forward to working with Mr. Devoe to explore
additional opportunities for cost-savings and rev-
ergrowth as we develop new strategies to grow
the University’s endowment and increase investment returns.”
Prior to being recruited into the Investment
Management Department in 1998, Ms. Gilbert-
sen served as an Urban Economist for the Europe
and Central Asia Region of the World Bank and
was responsible for municipal finance and infra-
structure investments in the former Soviet Union.
She received her B.A. in economics from
Harvard University in 1987, and an M.B.A.
from Stanford University in 1992. Ms. Gilbert-
sen is also a CFA charterholder.

SSW Awards (continued from page 1)
in July, 1999 as a visiting professor and joined
the faculty permanently in September, 2000
when she was named the Kenneth L. M. Pray
Distinguished Professor. Prior to her arrival at
Penn, Dr. Spigner had been the Associate Com-
misssioner of the Children’s Bureau at the U.S.
Department of Health and Human Services’ Ad-
ministration for Children and Families (ACF).
As Associate Commissioner, Dr. Spigner was
responsible for the administration of federal child
welfare programs.
Mary Cavanaugh, MFT, MS, is a joint doc-
toral student in Social Welfare and Criminology at
Penn. At the School of Social Work she has
taught courses on Intimate Violence, Develop-
mental Theory, and Social Policy. She has been
involved with numerous research projects on vi-
olent offenders that have been submitted to the
National Institute of Justice and the National In-
stitute of Mental Health. Ms. Cavanaugh is also
a consultant to the National Institute of Justice
Violence Against Women and Family Violence
Research and Evaluation Program.

Dr. Barchi to Thomas Jefferson University
(continued from page 1)
Neurology. Between 1983 and 1996, Dr. Bar-
chi served as director of Mahoney Institute
of Neurological Sciences, an interdisciplinary, uni-
versity-wide entity that he expanded to become
the focus for Penn’s growth in neuroscience, en-
compassing the intellectual activities of more
than 120 faculty members.
As Provost, Dr. Barchi has served as Penn’s
chief academic officer, bringing to the post a
depth of experience as educator, administra-
tor, clinician and scientist. Among the numer-
ous challenges he has addressed are: assisting the
President in working through the complex
financial and management issues in the Health
System; rebuilding the academic infrastructure
of the Provost’s Office; reasserting the primacy
of the academic mission in the direction of the
University; managing the issues and challeng-
es of human research at the University; recruit-
ing new leadership for nine of the University’s
12 schools as well as most of Penn’s leadership
at the vice-provostial level; and leading the Uni-
versity through a strategic planning process, a
lengthy and complex task engaging more than
200 faculty, students and staff members.
Dr. Barchi has also played a key role in develop-
ing Penn’s annual budget and long-term financial plan, and has been respon-
sible for creating critical new academic strat-
geic initiatives. His office has direct oversight
for more than $700 million in annual research fund-
ning, as well as for Penn’s $23,000 undergraduate,
graduate and professional students and 2,400
full-time faculty.
Dr. Barchi represented Penn in the creation of
BioAdvance, a regional consortium of aca-
demic institutions, business and government
dedicated to spurring statewide job creation and
retention in the life sciences. He serves as vice-
president of the board of directors of the orga-
nization, as chair of the chair of that organization’s board. He is also
a member of the Board of Directors of Ben Franklin Technol-
ogy Partnerships, a public entity designed to
sped the translation of new discoveries in fund-
damental science and technology into commer-
cial application.
A Philadelphia native, Dr. Barchi received B.S.
and M.S. degrees from Georgetown Uni-
versity, as well as a Ph.D. in biochemistry and
an M.D., both from Penn. He completed a res-
idency in neurology at HUP. Board certified in
neurology, he rose from assistant professor of
biochemistry to become the David Mahoney
Professor of Neurological Sciences within a de-
cade. In 2004, in recognition of his many con-
tributions to research, education and training at
Penn, he was named the Fairhill Professor of
Medicine, one of Penn’s oldest endowed chairs.
Dr. Barchi has received numerous honors, in-
cluding election to the Institute of Medicine of
the National Academy of Sciences in recogni-
tion of his research accomplishments. He is the
recipient of the Senior Investigator Achievement
Award of the American Heart Association. He re-
cieved the Distinguished Graduate Award from
the School of Medicine, and the Lindback Award
for Excellence in Teaching, also from Penn. Dr.
Barchi is a Fellow of the American Academy of
Neurology, the American Neurological Associ-
ation, the College of Physicians and the Amer-
ican Association for the Advancement of Sci-
cence, and has been elected to membership in the
American Society of Clinical Investigation, the
Association of American Physicians, Phi Beta
Kappa and Alpha Omega Alpha.
A prolific author, Dr. Barchi’s co-edited text
Molecular and Genetic Basis of Neurological
Disease is now in its third edition. He has con-
tributed more than 150 articles to professional
journals and edited volumes. He also serves on
the editorial boards of numerous journals.
“Seeking Jefferson’s next president, we
identified a candidate who exemplified leader-
ship, scholarship and administrative exper-
tise,” said Douglas J. MacMaster Jr., Esq., for-
ter Chair of the Jefferson Board, and Chair of
the Presidential Search Committee. “I am con-
fident Dr. Barchi’s strong credentials and phil-
anthropic acumen will promote Thomas Jeffer-
sion University’s future growth while protecting its long-standing tradition of academic
quality.
Thomas Jefferson University is composed of
three colleges—Jefferson Medical College, the
Jefferson College of Graduate Studies and the
Jefferson College of Health Professions, which
together enroll more than 2,300 future physi-
cians, scientists and health-care professionals.
Trustees’ Spring Board Meeting

At the Stated Meeting of the Board of Trustees on June 18, James S. Riepe was reelected as chair; Jon M. Huntsman, Sr. and Michael L. Tanenpol were reelected as vice chairs, for another year. The executive committee has a new member, David Siffen. The Investment Board will consist of Christopher H. Browne, Joel Greenblatt, Howard S. Marks (chair), Edward Mathias, David M. Siffen, and Mark Winkelman.

President Judith Rodin said that there had been more than 3,000 hits to the live webcast of Commencement in May. She also mentioned the retail developments at 40th Street, and the reopening of the West Philadelphia Branch of the Free Library in its renovated building. Penn Praxis has been involved for the past several months in facilitating more inclusive decision-making for that area.

William P. Laufer, was elected as a Term Trustee. There are two new Alumni Trustees: William Egan, and Kathy Sacks, and a new Commonwealth Trustee Michael Karp.

A Memorial Resolution for Ralph Landau (Almanac April 13, 2004) noted how this “remarkable man” made such a “profound contribution to higher education.”

A Resolution of Appreciation for Stephen A. Wynn for his service as a Term Trustee and his dedication to his alma mater, noted that “Wynn Commons is no mirage.”

There was a Resolution of Appreciation for outgoing Provost Robert Barchi “for his extraordinary impact on the University as a teacher, researcher, clinician, and leader.” Dr. Rodin thanked him for “an unbelievable partnership” and said “we are in your debt.” Dr. Barchi, who will become an emeritus professor, said he is “forever grateful to Judith Rodin” and has enjoyed working with the “spectacular group of deans.”

The Trustees passed a Resolution of Appreciation for Dr. Rodin and designated her as President Emerita of the University.

In the Financial Report, Craig Carnaroli, senior vp for finance and treasurer, reported that Penn has continued to see strong revenue growth, both on the academic side and at the health system; there has been pressure on the operations due to the spending rule and the increased need for student aid, Penn is nearing the $4 billion goal for the endowment. The Investment Board has quadrupled in the past decade. The UPHS has had its fourth consecutive year of positive operations.

Dean Arthur Rubenstein thanked President Rodin “for creating PennMedicine.” He reiterated that the Health System is doing very well.

Dean of Admissions Lee Stetson announced that there were 18,300 applicants for the incoming class of undergraduates, with a 21% admit rate, 17% regular admit. There are students from all 50 states and 73 countries, up from 60 countries, the class is evenly divided male/female and 15% are alumni-related. 38% of the class consists of students of color. This year’s incoming class had SAT scores that averaged 1414 compared to ten years ago when it was 1350.

The Department of Asian And Middle Eastern Studies will become two separate departments: one for East Asian languages and Civilizations and the other for Near Eastern Languages and Civilizations. At Dental Medicine, three deans and the other for Near Eastern Languages and Civilizations. At Dental Medicine, three deans and the other for Near Eastern Languages and Civilizations. At Dental Medicine, three deans and the other for Near Eastern Languages and Civilizations. At Dental Medicine, three deans and the other for Near Eastern Languages and Civilizations. At Dental Medicine, three deans and the other for Near Eastern Languages and Civilizations. At Dental Medicine, three deans and the other for Near Eastern Languages and Civilizations. At Dental Medicine, three deans and the other for Near Eastern Languages and Civilizations. At Dental Medicine, three deans and the other for Near Eastern Languages and Civilizations. At Dental Medicine, three deans and the other for Near Eastern Languages and Civilizations. At Dental Medicine, three deans and the other for Near Eastern Languages and Civilizations. At Dental Medicine, three deans and the other for Near Eastern Languages and Civilizations. At Dental Medicine, three deans and the other for Near Eastern Languages and Civilizations. At Dental Medicine, three deans and the other for Near Eastern Languages and Civilizations. At Dental Medicine, three deans and the other for Near Eastern Languages and Civilizations. At Dental Medicine, three deans and the other for Near Eastern Languages and Civilizations. At Dental Medicine, three deans and the other for Near Eastern Languages and Civilizations. At Dental Medicine, three deans and the other for Near Eastern Languages and Civilizations. At Dental Medicine, three deans and the other for Near Eastern Languages and Civilizations. At Dental Medicine, three deans and the other for Near Eastern Languages and Civilizations. At Dental Medicine, three deans and the other for Near Eastern Languages and Civilizations. At Dental Medicine, three deans and the other for Near Eastern Languages and Civilizations. At Dental Medicine, three deans and the other for Near Eastern Languages and Civilizations. At Dental Medicine, three deans and the other for Near Eastern Languages and Civilizations. At Dental Medicine, three deans and the other for Near Eastern Languages and Civilizations. At Dental Medicine, three deans and the other for Near Eastern Languages and Civilizations. At Dental Medicine, three deans and the other for Near Eastern Languages and Civilizations. At Dental Medicine, three deans and the other for Near Eastern Languages and Civilizations. At Dental Medicine, three deans and the other for Near Eastern Languages and Civilizations. At Dental Medicine, three deans and the other for Near Eastern Languages and Civilizations. At Dental Medicine, three deans and the other for Near Eastern Languages and Civilizations. At Dental Medicine, three deans and the other for Near Eastern Languages and Civilizations. At Dental Medicine, three deans and the other for Near Eastern Languages and Civilizations. At Dental Medicine, three deans and the other for Near Eastern Languages and Civilizations. At Dental Medicine, three deans and the other for Near Eastern Languages and Civilizations. At Dental Medicine, three deans and the other for Near Eastern Languages and Civilizations. At Dental Medicine, three deans and the other for Near Eastern Languages and Civilizations. At Dental Medicine, three deans and the other for Near Eastern Languages and Civilizations. At Dental Medicine, three deans and the other for Near Eastern Languages and Civilizations. At Dental Medicine, three deans and the other for Near Eastern Languages and Civilizations. At Dental Medicine, three deans and the other for Near Eastern Languages and Civilizations. At Dental Medicine, three deans and the other for Near Eastern Languages and Civilizations. At Dental Medicine, three deans and the other for Near Eastern Languages and Civilizations. At Dental Medicine, three deans and the other for Near Eastern Languages and Civilizations. At Dental Medicine, three deans and the other for Near Eastern Languages and Civilizations. At Dental Medicine, three deans and the other for Near Eastern Languages and Civilizations. At Dental Medicine, three deans and the other for Near Eastern Languages and Civilizations. At Dental Medicine, three deans and the other for Near Eastern Languages and Civilizations. At Dental Medicine, three deans and the other for Near

Deaths

Dr. Middleton, Physics

Dr. Roy Middleton, professor emeritus of physics and astronomy, died on June 23 at the age of 76 at his home in Media.

Dr. Middleton was born in Altrincham, England, and earned his B.Sc. from London University in 1948 and his Ph. D. in physics in 1951 from the University of Liverpool in 1951. He was a research associate, at Liverpool Associate from 1951-1955, and research scientist Aldermaston, U.K. from 1955-1963. He joined the Penn faculty in 1963 as a visiting professor, and became a professor of physics in 1965 and became emeritus in 1996.

Dr. Middleton was a Fellow of the American Physical Society, won a Lindback Award for Excellence in Teaching in 1969, and was a recipient of the Bonner Prize for outstanding research in nuclear physics in 1979.

He is survived by his wife, Joan Lee Middleton; daughter, Anne Elizabeth Middleton Becker; son, John Lee Middleton; and two grandsons. Contributions can be made to the Delaware County Hospice, 5030 State Road, Suite 3001, Drexel Hill, PA 19026.

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 them via e-mail to record@alumni.upenn.edu.

Dr. Wolf, Electrical & Systems Engineering

Dr. Martin Wolf, professor emeritus of electrical and systems engineering, who pioneered the development of solar-energy technology, died of cancer May 20 at his home in Princeton at the age of 81.

Dr. Wolf joined the department of engineering in the 1970s. In addition to his teaching duties, he helped found the school’s Center for Energy Management and Power and explored the use of solar-energy systems as practical alternative energy sources. After retiring in 1988, he taught part time until 1993 and was an adviser to students competing in the Sunrayce, a competition of solar-powered vehicles from Florida to Michigan.

In the 1960s, Dr. Wolf was general manager at Heliotek, a producer of solar cells in Sylmar, CA, where he worked with NASA to use solar cells on satellites. He continued to develop solar-cell technology for space applications as a manager for five years at RCA’s astro-electronics division in Princeton, N.J., before coming to Penn.

A native of Wuppertal, Germany, Dr. Wolf earned the equivalent of bachelor’s and master’s degrees in physics from Georg-August University in Goettingen, Germany. He came to the United States in 1952 as a project engineer for Admiral Corp. in Chicago. He later worked for Hoffman Electronics Corp. in El Monte, CA.

He is survived by his wife, Ann Sermond; two sons, Thomas and Michael; two daughters, Dorothy Butler and Margaret Babinowich; and seven grandchildren.

The Annenberg Plaza was dedicated on June 17 with a ribbon-cutting by the Honorable Leonore Annenberg and Dr. Rodin, as Dean Michael X. Delli Carpini watched. With funding from the Annenberg Foundation, the Plaza received an upgrade including handicap access to the Annenberg Center, new granite paving, and landscaping to soften the appearance.
Alumni Reunion

Gifts 2004

Fourteen reunion classes presented checks during Alumni Weekend in May. Gifts this year totaled more than $45 million with nine classes donating more than $1 million and two classes setting records.

The 25th reunion class set a new record with donations totaling over $12 million and the senior gift drive topped $50,000, also a record. The senior class also set a record with the number of donors participating at over 1,200.

Class | Reunion | Total Dollars * | Donors * | Class Projects
--- | --- | --- | --- | ---
1939 | 65th | $302,918 | 144 | Class of 1939 Endowed Scholarship Fund and Penn Fund
1944 | 60th | $1,222,743 | 138 | Class of 1944 Endowed Scholarship Fund and Penn Fund
1949 | 55th | $1,373,029 | 440 | Class of 1949 Endowed Scholarship Fund and Penn Fund
1954 | 50th | $2,731,264 | 443 | Class of 1954 Endowed Scholarship Fund
1959 | 45th | $8,958,219 | 438 | Class of 1959 Endowed Scholarship Fund
1964 | 40th | $4,149,248 | 468 | Class of 1964 Endowed Scholarship Fund
1969 | 35th | $4,367,471 | 621 | Class of 1969 Endowed Scholarship Fund
1974 | 30th | $3,148,200 | 665 | The Class of 1974 Endowed Scholarship Fund
1979 | 25th | $12,480,780** | 887 | The Class of 1979 Endowed Scholarship Fund and Penn Fund
1984 | 20th | $4,876,539 | 737 | The Penn Fund
1989 | 15th | $845,243 | 607 | The Penn Fund
1994 | 10th | $528,310 | 558 | The Penn Fund
1999 | 5th | $227,643 | 579 | The Penn Fund
2004 | Senior | $52,995** | 1,284** | Café Garden Courtyard at Mark’s Café

*Class Reunion Gifts and gifts to other areas of the University

**Record

Honors & Other Things

Dr. Rybczynski: Commission of Fine Arts

Dr. Witold Rybczynski, the Martin & Margy Meyerson Professor of Urbanism Real Estate, has been named by President George W. Bush to the Commission of Fine Arts, an independent agency that advises the federal government and D.C. government on matters of art and architecture in the nation’s capital. It advises on the design of public buildings, parks and memorials in Washington; makes recommendations to the American Battle Monuments Commission on the design of war memorials; and weighs in on the design of U.S. medals, insignia and coins for the U.S. Mint.

Dr. Knudson: Kyoto Prize

Dr. Alfred George Knudson, Jr., an adjunct professor of pediatrics and human genetics at the Medical School and senior member at Fox Chase Cancer Center has been awarded the Kyoto Prize in basic science, in the field of life sciences. His cancer research led to the discovery of tumor-suppressor genes and an understanding of their role in cancer development. He was one of three people to receive the Kyoto Prize this year. The Kyoto Prize is given annually for significant contributions to the scientific, cultural and spiritual development of mankind in the fields of advanced technology, basic sciences, arts and philosophy.

Dr. Knudson, an adjunct faculty member here since 1976, has previously won the Charles S. Mott Prize in cancer research and the Albert Lasker Clinical Medical Research Award, which is described as the “American Nobel.”

Dr. McGovern: Book Awards

Dr. Patrick E. McGovern, senior research scientist at the Museum Applied Science Center for Archaeology at the University of Pennsylvania Museum of Archaeology and Anthropology, and adjunct associate professor of anthropology, recently received awards from the Association of American Publishers (Professional and Scholarly Division) and the International Association of History and Civilization of the Vine and Wine (Asociación Internacional de Historia y Civilización de la Vid y el Vino) for his book Ancient Wine: The Search for the Origins of Viticulture (Princeton University Press).

Dr. Diebold: Humboldt Award

Dr. Francis X. Diebold, the W.P. Carey Term Professor in Economics, SAS, and professor of finance and statistics in Wharton, has received a Humboldt Research Award from Germany’s Alexander Von Humboldt Foundation in recognition of a lifetime achievement in the sciences. Dr. Diebold will travel to Germany to conduct research with scholars in his field.

Dr. Alavi: 2004 Hevesy Award

Dr. Abass Alavi, professor of radiology and chief of the Division of Nuclear Medicine, has been named the recipient of the 2004 Georg
Charles de Hevesy Nuclear Medicine Pioneer Award from the Society of Nuclear Medicine. Dr. Alavi received the award for pioneering work that has contributed to the advancement of nuclear medicine world-wide. “Dr. Alavi’s crowning achievement has been his pioneering work in Positron Emission Tomography,” said Dr. Henry Royal, President of the Society. “We speak of molecular imaging, and PED specifically, as the ‘Future,’ but he had the foresight to study PED images as early as the 1970s. If you examine nuclear medicine you will find his name. It is with great pleasure that we extend our congratulations to Dr. Alavi on being awarded this prestigious honor.”

Dr. Lee: Senior Scholar Award
Dr. Virginia M.-Y. Lee, The John H. Ware 3rd Professor in Alzheimer’s Research and Co-Director of the Center for Neurodegenerative Disease Research, has been selected the recipient of the 2004 Founders Distinguished Senior Scholar Award presented by the American Association of University Women Educational Foundation Board of Directors. The award is for “your lifetime of outstanding college and university teaching; your impressive publication record; and the impact you have had on women in your profession and community.”

Dr. Smith: Wadsworth Publishing Award
Dr. Rogers M. Smith, the Christopher H. Browne Distinguished Professor of Political Science, and chair of the political science department, has won the Wadsworth Publishing award for his 1988 article, “Political Jurisprudence, the ‘New Institutionalism,’ and the Future of Public Law,” from the American Political Science Association. Dr. Smith came to Penn in 2001 from Yale University, and is a scholar of constitutional law, American political thought, and modern legal and political theory with special interest in questions of citizenship, race, ethnicity, and gender. He is a member of the American Academy of Arts and Sciences.

Dr. Beck: Sarnat International Prize
Dr. Aaron T. Beck, Hepburn Professor of Chemistry, has been selected as the recipient of the 2004 Berni J. Alder CECEM Prize, the most prestigious European prize for computer simulation in statistical physics and physical chemistry. CECEM noted, “Mike Klein’s leadership has been crucial in the development of a variety of computational tools such as constant-temperature Molecular Dynamics, Quantum simulations (specifically path-integral simulations), extended-Lagrangian methods and multiple-timestep Molecular Dynamics. Professor Klein’s contributions are widely recognized, well beyond the community of computer simulators. He has made important contributions to the numerical study of molecular solids and liquids, hydrogen-bonded liquids, chain molecules, self-assembled monolayers and, more recently, ion channels and biological membranes. Finally, Professor Klein has played a key role in building and maintaining a strong link between the North American and European scientific communities.”

Dr. Klein: CECAM Prize
Dr. Michael Klein, the Hepburn Professor of Chemistry, has been selected as the recipient of the 2004 Berni J. Alder CECEM Prize, the most prestigious European prize for computer simulation in statistical physics and physical chemistry. CECEM noted, “Mike Klein’s leadership has been crucial in the development of a variety of computational tools such as constant-temperature Molecular Dynamics, Quantum simulations (specifically path-integral simulations), extended-Lagrangian methods and multiple-timestep Molecular Dynamics. Professor Klein’s contributions are widely recognized, well beyond the community of computer simulators. He has made important contributions to the numerical study of molecular solids and liquids, hydrogen-bonded liquids, chain molecules, self-assembled monolayers and, more recently, ion channels and biological membranes. Finally, Professor Klein has played a key role in building and maintaining a strong link between the North American and European scientific communities.”

Dr. Therien: Section Award
Dr. Michael Therien, the Alan G. MacDiarmid Professor of Chemistry, has been selected to receive the 2004 American Chemical Society Philadelphia Section Award. The Section Award recognizes an individual, “who, by conspicuous scientific achievement through research, has made important contributions to man’s knowledge and thereby aided the public appreciation of the profession.”

Dr. Strom: President ACRTPD
Dr. Brian L. Strom, the George S. Pepper Professor of Public Health and Preventive Medicine, and Chair, Department of Biostatistics and Epidemiology, has been named President-elect of the Association of Clinical Research Training Program Directors (ACRTPD). His term will extend until April 2005 at which time Dr. Strom will become President of ACRTPD.

ACRTPD is a non-profit organization that fosters the development of clinical investigators in the U.S. solidifies the infrastructure for educating individuals in the art and science of clinical investigation; promotes the development of clinical research training of individuals to investigate human diseases, and to promote technological advances for training of individuals in effective research techniques to improve patient care.

Department of Medicine Awards
The Department of Medicine presented its annual awards after Medical Grand Rounds on June 4. The recipients include:

Donald B. Martin Teaching Service Award
Dr. Stanley Goldfarb, senior vice chair, department of medicine

Dr. Harvey Friedman, chief, infectious diseases section

Dr. Jeffrey L. Levinson, chief & professor, allergy & immunology

Donna K. McCurdy Teaching Award
Dr. Stephen Gluckman, prof & chief infectious diseases clinical services medicine

Robert Austrian Faculty Research Award
Bench Research: Dr. Terri M. Laifer, asst. professor med. rhematology

Evaluative Research: Dr. Katrina Armstrong, asst. professor general internal medicine

Patient-Oriented Research: Dr. Donald E. Tsai, instructor, hematology-oncology

Stanley E. Bradley Fellow Research Award
Bench Research: Dr. Mark C. Glaum, fellow, allergy & immunology

Evaluative Research: Dr. Rachel Werner, fellow, general internal medicine

Patient-Oriented Research: Dr. Michael Rickels, fellow, endocrinology

Edward W. Holmes Resident Research Award
Bench Research: Dr. Antony Fu-Chin Chu, resident

Evaluative Research: Dr. Theordore J. Iwatsyna, resident

Patient-Oriented Research: Dr. Bonnie Ky, resident

Maurice Attie Junior Resident Teaching Award
Dr. Stephen Berry, resident

Maurice Attie Senior Resident Teaching Award
Dr. David Hass, resident

Maurice Attie Faculty Teaching Award
Dr. Todd Barton, asst. professor of medical education

Research Awards
Two post-doctoral scientists and one graduate student received awards honoring the service and scientific contributions of professors emeriti of the Center for Research on Reproduction and Women’s Health and the department of Obstetrics and Gynecology. The recipients are:

Dr. Jennifer R. Wood, the Bayard T. Storey Award.

Dr. Stephan Steckelbroeck, the Joseph C. Touchstone Award.

Andrew Fedorish, the Susan Heyner Award.

HUP: Honor Roll
The Hospital of the University of Pennsylvania has been listed on the “Honor Roll” of best hospitals in America for the eighth consecutive year by U.S. News & World Report. The special issue available July 12, evaluated approximately 6,012 hospitals nationwide based on their reputation among a group of board-certified physicians. HUP’s expertise was noted in 15 of 17 medical specialties: cancer; digestive disorders; ear, nose & throat; gynecology; heart & heart surgery; hormonal disorders; kidney disease; neurology/neurosurgery; ophthalmology; psychiatry; rehabilitation; respiratory disorders; rheumatology; and urology.
Star Making Peaked Five Billion Years Ago; Expect Darkness Soon

The universe reached the climax of its star-building activity five billion years ago, when the first stars were born. The research, according to Dr. Jimenez, assistant professor of physics and astronomy, and his colleagues needed to look at the integrated spectrum of a galaxy we can track those different luminosities, so by looking at the integrated spectrum of a galaxy we can track those different luminosities, their masses and, therefore, how long ago they were born.

According to the researchers’ findings, star formation in the universe peaked, on average, about five billion years ago. By the time our own sun was born, about 4.7 billion years ago, almost half of the stellar mass in the universe since the big bang was already created. Star formation has drastically dropped off since then, and, as new stars are not being created faster than old stars are dying, this will lead to the gradual dimming of the universe.

New Therapeutic Approach for Sickle Cell Disease

Penn’s School of Medicine researchers have identified an embryonic protein present in all humans that, when produced in mice, dramatically reduces symptoms of sickle cell disease. The discovery raises the possibility of new treatment options for sickle cell patients, say co-authors Dr. J. Eric Russell, assistant professor of medicine and pediatrics, and Zhennig He, research specialist, department of medicine. The research appears in the April issue of Nature Medicine.

Sickle cell disease is an inherited, red-blood-cell disorder in humans characterized by chronic anemia, episodes of severe pain, and premature death. It is caused by an error in one of the genes that produces hemoglobin, an iron-protein component contained within the red blood cells that carry oxygen to body tissues. The defective gene directs production of abnormal hemoglobin, resulting in deformed (sickle-shaped) red blood cells that block small blood vessels. This results in pain, stroke, heart attacks, kidney failure, and premature death in adults and children.

Although there is no cure for sickle cell disease, treatments are available, including administration of the anti-cancer drug hydroxyurea, blood transfusions, and bone marrow transplantation. Hydroxyurea is widely used to reactivate the production of gamma globin, which substitutes for the defective component of hemoglobin, called beta globin. Although this approach does not cure the disease, it frequently results in a lessening of symptoms. Dr. Russell and Dr. He used a novel approach to modify alpha globin, the other major component of hemoglobin. This could help patients who have responded poorly to conventional hydroxyurea treatment or who are unable to tolerate its side effects. Conceivably, therapies resulting from this study could be developed to treat sickle cell disease more effectively.

The researchers genetically engineered mice with sickle cell disease to produce zeta globin, the embryonic form of the human alpha chain of hemoglobin. Unlike mice with sickle cell disease, the genetically altered mice had normal blood counts and were no longer anemic. In addition, the life span of their red blood cells was extended almost five-fold to normal levels. Sickled cells did not appear in the blood of the mice and kidney function normalized.

“Our work demonstrates a novel therapeutic approach that reverses the disease process in mice with sickle cell disease,” says Dr. Russell. “Clearly, there is much more work to be done before this approach can be tested in humans. Nevertheless, targeted reactivation of zeta globin, either alone or in combination with existing treatments, anticipates therapies in humans that may prove more flexible and potentially more effective than those that are currently available for this devastating condition.”

The research was supported in part by grants from the NIH.

Newly Found Dinosaur of the Montana Coastline

Through the cycads and gingko trees of the floodplains, not far from the Sundance Sea, strode a 30-foot-long Suuwassea, a plant-eating dinosaur with a whip-like tail and an anomalous second hole in its skull destined to puzzle paleontologists in 150 million years. According to researchers at Penn, Suuwassea emilieae is a smaller relative of Diplodocus and Apatosaurus and is the first named sauropod dinosaur from the Jurassic of southern Montana. Their findings currently appear in the journal Acta Palaeontologica Polonica.

“Suuwassea is the first unequivocal new sauropod from the Morrison Formation—a 150-million-year-old geological formation extending from New Mexico to Montana—in more than a century. It has a number of distinguishing features, but the most striking is this second hole in its skull, a feature we have never seen before in a North American dinosaur,” said Dr. Peter Dodson, senior author and professor of anatomy at Penn’s School of Veterinary Medicine, and Dr. Jimenez.

The name Suuwassea comes from the Native American Crow word meaning “ancient thunder” and also a nod to “thunder lizard,” the original nickname of the dinosaur now known as Apatosaurus. Emilieae is a reference to the late Emilie deHellebranth, whose financial support funded the dinosaur’s excavation.

At the time Suuwassea was alive, this part of the Morrison Formation was near the shoreline of a long but shallow arm of ocean water called the Sundance Sea. The coastal ecosystem has not been the typical environment for sauropods, dinosaurs which have thrived in a more arid region farther south. The discovery of this new species could suggest that the fauna of this area differed from the rest of the Morrison Formation or that this region was something of a lush Jurassic vacation spot.

Nowadays, the region is much more arid, and much of Suuwassea’s partial skeleton was found exposed on the surface, from years of wind and rain erosion. The partial skeleton, which was deposited randomly by river flooding before fossilization, held enough distinguishing characteristics that Dr. Dodson and his colleagues could easily classify it as a new species.

“The extra hole in the skull is still mysterious; it has only been seen before in two dinosaurs from Africa and one from South America. It is interesting that the two African dinosaurs are exactly the same age as Suuwassea, and all three are related to the much larger Diplodocus and Apatosaurus,” said Jerry Harris, coauthor and graduate student researcher in the department of earth and environmental science.

Near the excavation site of the Suuwassea remains, members of the expedition chanced upon the partial skeleton of a new dinosaur predator, currently under study by Penn researchers.

Funding for this research was supported by Emilie deHellebranth; Penn’s School of Veterinary Medicine and Department of Animal Biology; and the Penn Paleobiology Fund.

Failure of DNA Repair Precedes Final Stage of Leukemia

Medical researchers at the Abramson Cancer Center of the University of Pennsylvania have discovered that the last stage of chronic myelogenous leukemia (CML), a deadly blood cancer, is preceded by the unique blocking action of a blood cell’s normal cycle of DNA production and repair. The researchers linked the blocking action to a known oncogene, BCR/ABL, and suspect it to be the cause of blast crisis, the second and final stage of CML disease when the body no longer makes enough healthy white blood cells to fight off infection or prevent bleeding. Their findings appear in the March 23 edition of the journal Cancer Cell.

It can take up to a year for a patient to transition from the first phase of CML to blast crisis. In this deadly, blast crisis phase of CML, new white blood cells accumulate in the body, replacing normal red blood cells and, instead, become myeloblasts in a state of arrested differentiation.

In order to block ATR and DNA repair, cancer researchers also found that the concentration of BCR/ABL moves into the nucleus of the cell—where DNA is produced—from its original concentration in the cell’s cytoplasm. Further research is planned to determine if this movement of BCR/ABL is a trigger gene.

Researchers were able to determine the workings of BCR/ABL by comparing the amounts of damaged to un-damaged DNA in a cell line when the oncogene was turned “on” and “off.” DNA damage was linked to the protein ATR and measured using comet assays.

If blocking DNA repair proves to be the cause of blast crisis, then we may be able to prevent CML from progressing to its final stage by interrupting the action of cancer gene BCR/ABL,” said Dr. Martin Carroll, assistant professor of medicine. “Ultimately, this could lead to a long-term treatment for the disease that may also be applied to other progressive cancers.”

Funding was provided from Penn’s School of Medicine and the NCI.
Akylating DNA Damage Stimulates Necrotic Cell Death

Researchers at the Leonard and Madlyn Abramson Family Cancer Institute at Penn Medicine have found a second way in which chemotherapeutic agents can kill cancer cells. The finding—which appeared in the June 1 edition of the journal Genes & Development—represents an important advance in understanding how and why some cancer cells die and others do not in response to existing chemotherapy. The results suggest the possibility that targeted therapies can be developed which will force cancer cells to die before they can grow into tumors.

This new mechanism, which affects the DNA sequence, perhaps explains why the computer programs had previously dismissed some previously studied genes known to power muscle contraction.

In a classic case of scientific sleuthing, Dr. Hansell Stedman, associate professor of surgery, Dr. Nancy Minugh-Purvis, Director of Advanced \( \text{MYH16} \) on chromosome 7, to its respective function. By comparing the MYH16 protein sequence to those of other known myosin proteins, the investigators found that RRF binding sites are very close to where the two ribosomal subunits are held together—molecularly speaking—when RRF binds to it.

In an earlier paper by Dr. Kaji and colleagues from Sweden, the crystal electron microscope to directly observe protein structure, investigators at the School of Medicine and the State University of New York, Albany can now visualize the exact configuration of a molecule called ribosome recycling factor (RRF) in the common bacteria Escherichia coli. This image—reported in the June 15 issue of the Proceedings of the National Academy of Sciences—may help guide the design of new antibiotics aimed at inhibiting RRF-related steps of protein synthesis.

Achieving targeted necrosis has many potential advantages over conventional drug treatments, which often have serious side effects.

In an effort to find the remaining genes that govern myosin—the major contractile protein that makes up muscle tissue—researchers at the School of Medicine have made a discovery that may be central to answering key questions about human evolution.

Published in the March 25 issue of Nature, Penn researchers have found one small mutation that underlines an entire myosin gene. This mutation, discovered in teeth of an early species of human 2.5 to 3 million years ago, was specific to early Homo erectus, according to Dr. Wei-Xing Zong, study author and Post-Doctoral Fellow at the ACFRI. "Ultimately, the hope is that this could lead to new, safer targeted therapies to kill cancer cells before they turn into deadly tumors that can spread elsewhere in the body."

"Our next step is to try to safely manipulate necrotic cell death in cancerous tumors," said Dr. Wei-Xing Zong, study author and Post-Doctoral Fellow at the ACFRI. "Ultimately, the hope is that this could lead to new, safer targeted therapies to kill cancer cells before they turn into deadly tumors that can spread elsewhere in the body."

Funding for the study, was provided through research grants from the ACFRI, Cancer Research Institute (CRI), and the Leukemia and Lymphoma Society of America.

Protein Difference Between Humans and Primates

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Procedures Regarding Misconduct in Research for Nonfaculty members of the Research Community

Introduction
The University relies on all members of its research community to establish and maintain the highest standards of ethical practice in academic work, including research. Misconduct in research is prohibited and represents a serious breach of both the rules of the University and the customs of scholarly communities.

The following procedures are applicable to nonfaculty members of the University of Pennsylvania research community including students, postdoctoral fellows, and staff.

Research Misconduct Defined
Research misconduct is defined as fabrication, falsification, plagiarism, or other serious deviation from accepted practices in proposing, performing, or reviewing research, or in reporting research results.

- Fabrication is making up data or results and recording or reporting them.
- Falsification is manipulating research materials, equipment, or processes, or changing or omitting data or results such that the research is not accurately represented in the research record.
- Plagiarism is the appropriation of another person’s ideas, processes, or results, or works without giving appropriate credit.
- Serious deviation from accepted practices includes but is not limited to stealing, destroying, or damaging the research property of others with the intent to alter the research record; and directing or encouraging others to engage in fabrication, falsification or plagiarism. As defined here, it is limited to activity related to the proposing, performing, or reviewing of research, or in the reporting of research results and does not include misconduct that occurs in the research setting but that does not affect the integrity of the research record, such as misallocation of funds, sexual harassment, and discrimination, which are covered by other University policies.

The research record is the record of data or results that embody the facts resulting from scientific inquiry, and includes, but is not limited to, research proposals, laboratory records, both physical and electronic, progress reports, abstracts, theses, oral presentations, internal reports, and journal articles.

Some forms of misconduct, such as failure to adhere to requirements for the protection of human subjects or to ensure the welfare of laboratory animals, are governed by specific federal regulations and are subject to the oversight of established University committees. However, violations involving failure to meet these requirements may also be covered under this policy or possibly by other University policies when so determined by the responsible committees or institutional officials.

Research misconduct does not include honest error or differences of opinion.

Findings of Research Misconduct
A finding of research misconduct requires that:

• There be a significant departure from accepted practices of the relevant research community; and
• The misconduct be committed intentionally, or knowingly, or recklessly; and
• The allegation be proven by a preponderance of evidence.

Jurisdiction and Applicable Process
There are a number of University policies and procedures for responding to allegations of misconduct by students, postdoctoral fellows, or staff. This policy is intended to be invoked only in instances where research misconduct (i.e. activity related to the proposing, performing, or reviewing of research, or in the reporting of research results and which therefore may have an impact on the integrity of the research record) is involved. Questions of jurisdiction and the applicability of the appropriate University procedure will be decided by the responsible administrative entity (such as the Office for Student Conduct, Office for Postdoctoral Programs, or the Office of Human Resources), in consultation with the Vice Provost for Research. Allegations of misconduct not involving the research process or the integrity of the research record will be resolved by the disciplinary process ordinarily applicable.

1. Inquiry
1.1 Allegations of research misconduct should be directed in the first instance to the Vice Provost for Research who, along with the responsible administrative entity, will determine jurisdiction and which process is applicable to resolve the allegation. If the Vice Provost determines that this process is properly invoked, the Vice Provost will forward the complaint—which must be in writing—to the Dean of the School where the research is being performed.

1.2 Upon receipt of a properly documented complaint, the Dean will inform the respondent of the nature of the charges, and will provide the respondent with a copy of these procedures. The Dean will also take steps to secure relevant documents, data and other materials. The Dean will appoint one or more unbiased, impartial individuals with appropriate expertise who will conduct a preliminary inquiry to determine whether a full investigation is warranted.

1.3 The inquiry committee will gather information and determine whether there is sufficient, credible basis to warrant a formal investigation. The committee shall offer the respondent an opportunity to provide them with relevant information regarding the allegations. The committee will submit a written report of its assessment to the Dean and the respondent, and to the complainant where appropriate. The report should state what evidence was reviewed, summarize relevant interviews, and include the committee’s recommendation. This report will ordinarily be submitted within 30 calendar days of receipt of the written complaint by the Dean.

1.4 If the report of the inquiry committee determines that a formal investigation is not warranted, the Dean may (i) drop the matter, or (ii) not initiate a formal investigation, but take such other action as the circumstances warrant, or (iii), in extraordinary circumstances, nonetheless initiate a formal investigation. The Dean will inform the concerned parties of the decision.

1.5 If the inquiry committee determines that a formal investigation is warranted, the Dean will initiate a formal investigation as provided in Section 2. The Provost (Vice Provost/designee) will inform the appropriate government agency or source funding the research, in writing, that a formal investigation has been initiated and will identify the respondent to the agency or source (1).

2. Formal Investigation
2.1 To initiate a formal investigation, the Dean will appoint a formal investigation committee of not less than two disinterested individuals with sufficient expertise, one or more of whom may have served on the preliminary inquiry committee.

2.2 Investigation. The formal investigation committee will be provided with copies of the complaint, the report of the initial inquiry and any other materials acquired during the preliminary inquiry. The formal investigation committee will undertake a thorough examination of the allegations, including, without limitation, a review of relevant research data and proposals, publications, correspondence, and records of communication in any form. Experts within or outside the University may be consulted. The Committee shall have authority to investigate, pursue and document any related research misconduct by the respondent, even
if such misconduct was not covered by the initial complaint. Whenever possible, interviews will be conducted with the complainant, as well as with others having information regarding the allegations. The Committee must allow the respondent an opportunity to be interviewed at this formal investigation stage. When being interviewed by the committee the respondent and the complainant may each be accompanied by an adviser, who may be a lawyer but who may not participate directly in the proceedings except when and as requested to do so by the committee.

2.3 Reporting the findings. Following its investigation, the formal investigation committee will prepare and provide a written report of its findings to the respondent, to the Dean, to the Provost, and, if appropriate, to the complainant. The report will describe the allegations investigated, how and from whom information was obtained, the findings and basis of the findings, and will include texts or summaries of the interviews conducted by the committee. The report will conclude with a clear statement regarding which charges have been considered and what its findings are with respect to each charge the committee considered. If the committee finds that a violation of University policy in addition to or other than research misconduct might have been committed, a description of the possible violation will be included.

The committee will indicate whether each charge considered during the course of its proceedings is unsubstantiated or substantiated by a preponderance of evidence. If the matter involves a respondent who would be subject to University sanctions for misconduct only if the evidence met a clear and convincing standard, the Committee will make an additional determination as to whether that standard has also been met (2).

The final report will ordinarily be submitted within 90 days of the appointment of the formal investigation committee. The respondent will be permitted to make a written reply to the Dean with a copy to the Provost, and Vice Provost for Research, within 15 calendar days of submission of the report. The Dean may ask the committee to respond in writing to any replies from the respondent. The Dean may also ask the complainant to respond to the report if deemed appropriate. All such responses and replies will be incorporated as appendices to the report of the formal investigation committee.

3. Disposition of Final Report and Findings

3.1 The Dean will consider the final report and replies. Upon acceptance of the report by the Dean, the Provost (Vice Provost/designee) will submit a copy of the report containing the outcome of the investigation to the appropriate government agency or source funding the research, if such action is required by regulation or otherwise appropriate. The entire formal investigation process should be completed within 120 calendar days of its initiation, unless documented circumstances warrant a delay.

3.2 If the final report of the formal investigation committee finds the charges of research misconduct against a respondent not to be substantiated, the research misconduct proceeding is terminated and the concerned parties will be informed. A finding that a charge of research misconduct has not been substantiated shall not preclude the University from taking other appropriate action against the respondent if the respondent’s behavior or actions violate another University policy or rule.

3.3 If the report of the formal investigation committee finds the charges of research misconduct against a respondent to be substantiated, the matter will then be referred to the responsible administrative entity within the University to determine the appropriate University sanctions, if any, to be imposed for the misconduct (3).

4. Other Actions and Procedures

4.1 The Dean in consultation with the Provost will, during the course of the inquiry or formal investigation, take administrative action, as appropriate to protect the welfare of animal or human subjects.

4.2 At any time during the inquiry or formal investigation, the Dean and Provost will immediately notify the relevant funding agency(ies) if public health or safety is at risk; if University resources or interests are threatened; if research activities should be suspended; if there is reasonable indication of possible violations of civil or criminal law; if Federal action is required to protect the interests of those involved in the investigation; if the University believes the inquiry or formal investigation may be made public prematurely so that appropriate steps can be taken to safeguard evidence and protect the rights of those involved; or if the research community or public should be informed.

4.3 If the final report of the formal investigation committee finds charges have been substantiated, the Provost or Dean will take appropriate steps to correct any misrepresentations resulting from the misconduct. If, at any time during the inquiry or investigatory stages, the respondent admits to the alleged misconduct, the Dean will take the necessary steps to complete the inquiry in order to correct the scientific record. If misrepresented results have been submitted for publication, already published, or otherwise disseminated into the public domain, appropriate journals and other sponsors will be notified. In addition, collaborators, and other affected individuals, organizations, institutions, and sponsors will be informed.

4.4 Complete records of all relevant documentation on cases treated under the provisions of this policy will be preserved by the offices of the Dean and the Provost in a manner consistent with the Protocols for the University Archives and Record Center. In cases adjudicated under Section 3, records will be preserved for a minimum of ten years following completion of all proceedings. Records of cases which are dropped will be preserved for at least three years following the initial inquiry. When students are involved in these procedures, the confidentiality provisions applicable to educational records will govern the disclosure of the records.

The University may act under these procedures irrespective of possible civil or criminal claims arising out of the same or other events. The Dean, in consultation with the Provost and the general counsel, will determine whether the University will proceed against a respondent who also faces related charges in a civil or criminal tribunal. If the University defers proceedings, it may subsequently proceed irrespective of the time provisions set forth in these procedures.

Endnotes

1. The decision to initiate a formal investigation must be reported to the Office of Research Integrity, Department of Health and Human Services, if the research has been supported by a grant from DHHS, according to DHHS regulations.

2. There is a discrepancy between University regulations, which use the standard of “clear and convincing” evidence, and regulations of the Office of Research Integrity, which use the lower standard of “preponderance of evidence”. Therefore, if there is a finding of fault, the inquiry must explicitly state whether the higher University standard is met, to inform the University administrative entity which is responsible for determining possible sanctions.

3. The intent of this policy is that the appropriate administrative entity will take responsibility for determining and implementing sanctions.

For instance, if the respondent is an undergraduate student any disciplinary sanctions will be determined by the Office of Student Conduct in accordance with it's amended Charter procedures dealing with research misconduct findings. In order to determine sanctions, the findings and accompanying documents should be forwarded to the Office of Student Conduct. Upon review of all findings, including all submissions by the respondent etc., the Office of Student Conduct will propose appropriate sanctions to the respondent. The respondent would then have an opportunity to accept, reject or propose alternative sanctions. If either the original sanction or an alternative sanction is accepted and agreed upon, the OSC then has primary responsibility for implementing and monitoring sanctions. If the respondent rejects the sanction, the respondent may appeal the nature and severity of the sanction only to the Disciplinary Appellate Officer within the Student Disciplinary System. If the decision of the appellate officer is to uphold the proposed sanction, the sanction will be imposed, with no further levels of review.

Likewise, if the respondent is a graduate student, postdoctoral fellow, or staff member, the responsible administrative entity would consider the information and determine sanctions.
Federal Relations
On July 1, the Department of Homeland Security (DHS) published the final rule on implementation of the Student Exchange and Visitor Information System (SEVIS) fee for international students and scholars. The rule takes effect on September 1, 2004.

The rule offers two primary payment options for international students and scholars: over the Internet using a major credit card or via mail by “check or money order drawn on a U.S. bank and payable in the U.S. currency.” The rule also permits fee payment by a third party, either in the United States or abroad.

The rule also describes the efforts of DHS and the State Department to establish a pilot project in China and India that would allow the SEVIS fee to be collected at U.S. consulates in those countries.

DHS will be able to issue and students will be able to receive both paper and electronic receipts. While DHS and the State Department are setting up a system by which the payment of fees may be verified via computer, this system may not be in place in every embassy and consulate by the time the rule takes effect. Paper receipts or printed copies of electronic receipts may be used by students to prove the fee has been paid.

The rule can be read online at [http://a257.g.akamaitech.net/7/257/2422/06jun20041800/edocket.access.gpo.gov/2004/04-14961.htm](http://a257.g.akamaitech.net/7/257/2422/06jun20041800/edocket.access.gpo.gov/2004/04-14961.htm).

Additional information about the fee and the fee collection process can be found on the DHS Immigration and Customs Enforcement (ICE) web page at [www.ice.gov/graphics/enforce/immsevis/index.htm](http://www.ice.gov/graphics/enforce/immsevis/index.htm).

OGCPA working through the Office of International Programs (OIP), will monitor the impact of the rule on Penn’s international students and scholars as part of a higher education community-wide effort.

Commonwealth Relations
On July 3 the Pennsylvania House and Senate gave final approval to HB 2535, Penn’s FY 2004-05 non-preferred appropriation bill, and sent it to the Governor for his expected signature. This bill provides a total of $44,022,000 to the University, an increase of 2.5% over the amount appropriated in FY 2003-04. The amount also represents an increase of 0.75% over the amount recommended by the Governor. All other college and university appropriations were also increased 0.75% over the Governor’s proposed levels.

On a line item basis, the bill provides the following appropriations:
- Veterinary School—$37,364,000;
- Medical School—$3,861,000;
- Cardiovascular Studies—$1,531,000;
- Dental Clinics—$1,035,000; and
- University Museum—$231,000.

The Dental Clinics appropriation, an increase of 22.3% over 2004, brings their funding back up to the same level of funding as provided to the Commonwealth’s two other Dental Schools (Pitt, Temple). (See chart below)

The General Assembly also approved HB 2579, the Commonwealth’s General Fund budget. HB 2579 includes the restoration of the Community Access Fund, a special program that provides additional funding for health care providers that have significant levels of Medical Assistance and charity care patients. This program provides approximately $5 million annually to the University of Pennsylvania Health System.

HB 2579 also includes $600,000 for the University of Pennsylvania Cancer Center, the same level of funding as last fiscal year.

City Budget and Tax Reform Update
The Mayor presented a $3.4 billion FY05 budget to City Council in March. Because the City is facing a considerable deficit this year ($227 million for ‘05, expected to grow to $670 million in 5 years), the Mayor’s proposed budget was austere and contained limited tax decreases. In November, a special tax reform commission released recommendations for a major tax reform overhaul for Philadelphia. Many members of City Council were disappointed that the Mayor’s budget did not reflect many of these tax reform recommendations and in addition included cuts to selected recreational centers and cultural and arts groups in Philadelphia.

Because of these two issues, City Council over Memorial Day weekend passed a budget that included an additional $160 million in tax cuts and restored $14 million in cuts to arts and recreation programs. On June 10, the Mayor vetoed the Council-approved budget that included these tax reforms. There were not enough votes to override the Mayor’s veto. Council passed a revised spending plan on June 21, 2004 and sent it forward for the Mayor’s approval, along with two controversial tax reform measures: incremental reductions in the Business Privilege Tax (BPT) and the Wage Tax. On July 1, the Mayor averted a shutdown of city services by approving the $3.4 billion budget, but he vetoed the BPT reduction schedule. Council adjourned on July 1, 2004 and will return to session in the fall.

—Carol R. Scheman, Vice President for Government, Community and Public Affairs

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### University of Pennsylvania

#### History of Non-preferred Appropriation

(In Thousands Of Dollars)

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<td>Medical Instruction</td>
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<td>$ –</td>
<td>$ –</td>
<td>$ –</td>
<td>$ –</td>
<td>$ –</td>
<td>0.8</td>
</tr>
<tr>
<td>Dental Clinics</td>
<td>4,034</td>
<td>4,034</td>
<td>4,034</td>
<td>4,034</td>
<td>3,832</td>
<td>3,861</td>
<td>22.3</td>
</tr>
<tr>
<td>Cardio-Vascular Studies</td>
<td>938</td>
<td>938</td>
<td>938</td>
<td>891</td>
<td>846</td>
<td>1,035</td>
<td>0.7</td>
</tr>
<tr>
<td>Veterinary Activities</td>
<td>32,276</td>
<td>34,783</td>
<td>36,626</td>
<td>38,445</td>
<td>36,523</td>
<td>37,364</td>
<td>2.3</td>
</tr>
<tr>
<td>University Museum</td>
<td>219</td>
<td>241</td>
<td>248</td>
<td>236</td>
<td>225</td>
<td>231</td>
<td>2.7</td>
</tr>
<tr>
<td>Total University</td>
<td>$38,099</td>
<td>$40,878</td>
<td>$43,474</td>
<td>$45,206</td>
<td>$42,946</td>
<td>$44,022</td>
<td>2.5</td>
</tr>
</tbody>
</table>

1 Includes $132,000 appropriated through separate non-preferred appropriation.
2 Appropriated through separate non-preferred appropriation.
3 Appropriated through PA Historic and Museum Commission.
4 Note: Amount authorized by HB 1201. Does not reflect 3% freeze announced 1/18/02.
5 Note: Amount authorized by HB 2495. Does not reflect 2% freeze announced 2/13/03.

as of 7/6/04

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ALMANAC July 13, 2004
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, supportive of the individual needs of students, faculty, staff, alumni, guests and neighbors. The following is an update of some recent developments that should be of particular interest to faculty and staff.

—Leroy Nunery, II, Vice President, Business Services

2004-2005 Parking Rates
BSD is pleased to announce that there will be no increase in permit parking fees for FY2005. The average permit parking rate will remain at $5.82 per working day, significantly less than the daily average rate of $11.50 that non-permit holders currently pay in Penn’s transient parking lots.

We are working on several improvements to Penn’s parking facilities that will add value to the parking experience, including the installation of closed circuit TVs in the garages.

<table>
<thead>
<tr>
<th>Permit Class</th>
<th>Description</th>
<th>(Sept-Aug)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class A</td>
<td>Campus Parking</td>
<td>$1,455</td>
</tr>
<tr>
<td>Class B</td>
<td>Remote/Student Commuter</td>
<td>$ 870</td>
</tr>
<tr>
<td>Class C</td>
<td>Evening/Weekend</td>
<td>$ 440</td>
</tr>
</tbody>
</table>

*(15% City of Philadelphia parking tax included)*

University faculty and staff have the option to pay their parking fees in installments through automatic payroll deduction. Equal installments (12 months or 2 weeks) will be taken from each paycheck issued September through August. You will be automatically enrolled in the Penn Commuter Choice program, which offers you significant tax savings by deducting parking fees (up to $175 per month or $2,100 per year) on a pre-tax basis. Through Penn Commuter Choice, you do not pay federal or FICA taxes on the deducted amount.

PCC’s Business Services Update

<table>
<thead>
<tr>
<th>Tuition Rates Effective July 5, 2004 through July 1, 2005</th>
</tr>
</thead>
</table>
| Infant
5 days | $295 | $325 | $176 | $200 |
4 days | 259 | 284 | 154 | 192 |
3 days | 214 | 235 | 127 | 160 |
2 days | 146 | 159 | 86 | 108 |

| Toddlers
5 days | $247 | $275 | $145 | $184 |
4 days | 221 | 247 | 132 | 165 |
3 days | 196 | 219 | 116 | 146 |
2 days | 133 | 149 | 79 | 99 |

| Pre-School
5 days | $200 | $226 | $120 | $150 |
4 days | 176 | 199 | 115 | 132 |
3 days | 145 | 162 | 86 | 108 |
2 days | 106 | 120 | 63 | 80 |

<table>
<thead>
<tr>
<th>Drop In Care</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pre-school</td>
</tr>
<tr>
<td>Toddlers</td>
</tr>
<tr>
<td>Infants</td>
</tr>
</tbody>
</table>

University Square Summer Fest
University Square’s annual Summer Fest. Stop by 36th Street Plaza between noon and 2 p.m. each day to see exhibits including sand sculptures and sidewalk art. Later on, enjoy live music between 5 and 7 p.m. The shops and restaurants around the Square will also offer a variety of summer specials. Participating businesses include: Camera Shop, Douglas Cosmetics, Messages Cards & Gifts, Metropolitan Bakery, Modern Eye, New Deck Tavern, Penn Bookstore, Penne, White Dog Café and University Jewelers.

Computer Connection’s Back-To-School Sale
During Penn Computer Connection’s Fall 2004 Back-To-School Sale, faculty, staff and students can take advantage of an educational discount on Apple, Dell and IBM products. Log on to www.upenn.edu/computerstore for more information or visit the Computer Connection showroom at 3610 Sansom St.

Faculty Club—Healthy Lunch Options
If you’re on a special diet or have specific nutritional needs, the daily buffet lunch at the Faculty Club offers a variety of options. The salad bar features fresh vegetables, hard-boiled eggs, tuna fish and low-fat dressings. Our full buffet always includes a fresh fish entree. During the hot summer months, patrons can also enjoy a chilled soup. End your meal with a fresh fruit salad for dessert. For more information on the Faculty Club, including membership, visit our website at www.upenn.edu/facultyclub, call (215) 898-4618 or e-mail fsaclub@upenn.edu.

Penn Children’s Center Open Enrollment
The Penn Children’s Center (PCC) is now accepting applications for summer and fall enrollment for toddlers and children of preschool age. We are also accepting waitlist applications for infants. 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 based on the principles of early childhood education. 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.

2004-2005 Faculty/Staff Directory Update
Production of the 2004-2005 Faculty/Staff Telephone Directory is progressing on schedule. All revisions made online by June 28, 2004 will appear in the 2004-2005 Telephone Directory (subject to your departmental Directory Liaison’s approval). Directories will be distributed to the campus community in mid-October.

Directory Liaisons: Upcoming Deadlines
Directory Liaisons will receive the following items by July 12, to verify or make revisions:
• Departmental listings
• Blue Pages proofs (for those who returned first edits by the July 1 deadline)
• Emeritus Professor and Standing Faculty listings (if applicable)
• Telephone Directory Order Form

If you have not updated your Blue Pages section(s), submit all changes before August 16. Submissions sent by this date will be considered final edits.

If you did not receive a hardcopy mailing, please contact the Telephone Directory staff: fsdirectory@pobox.upenn.edu or (215) 898-7643.

To submit Blue Pages revisions:
• Send hardcopy to the Telephone Directory Office: 125 Sansom Place East, 3600 Chestnut Street/6106.
• E-mail fsdirectory@pobox.upenn.edu

Future Updates
Faculty and staff should continue to use the online update feature at www.upenn.edu/directories/dir-update.html to revise directory information throughout the year. These updates will be made immediately to the online directory, available from the main Penn webpage, allowing the University community access to immediate and accurate information. You will need your PennKey and password in order to make changes. (For more information regarding your PennKey and password, go to www.upenn.edu/computing/pennkey). 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, Project Manager, Division of Business Services
In recent years, the spread of computer viruses and worms has taken a costly toll. It is estimated that the worldwide cost of cleaning up from the SQL Slammer worm in spring, 2003 totaled $1.25 billion. In August, 2003 the tab for the Blaster-SoBig-Welchia worms topped an estimated $2.5 billion in just one month.

Penn’s experience with worms and viruses mirrors these larger trends. When viruses and worms spread on Penn computers, campus IT staff must spend considerable time rebuilding infected systems. Faculty and staff productivity suffer when computers that are actively spreading worms or viruses must be removed from PennNet to limit further damage.

To combat this growing problem, and to protect the integrity and availability of Penn computers and networks, ISC, together with appropriate School management and School IT leadership, have built a campus consensus on the basic steps that must be taken to secure every computer connected to PennNet. Working through Penn’s Network Policy Committee and IT Roundtable in recent months, a policy was drafted and circulated broadly for comment, review and consultation. The final policy, “PennNet Computer Security Policy,” is below, Of Record, announcing to the campus community three measures that must be taken to properly secure all campus computers:

- Security patches must be applied promptly. Experience shows that fully patched systems are rarely, if ever, compromised by computer worms.
- Up-to-date anti-virus software must be installed and maintained.
- Passwords protecting remote access to campus computers must be sufficiently complex to withstand automated password guessing attacks.

These requirements will be phased in gradually beginning this fall with full compliance required by January 1, 2005. Further details are provided in the policy.

Modern operating systems like Windows XP, 2000, MacOS X and MacOS 9 make it relatively easy to achieve compliance with this new policy. Older operating systems like Windows 98, for example, can sometimes be difficult to secure adequately. To assist campus IT staff in securing these older operating systems, ISC maintains a website with pointers to helpful information at www.upenn.edu/computing/security/oldos.html.

—David Millar, University Information Security Officer

## PennNet Computer Security Policy

### Authority and Responsibility

Information Systems and Computing is responsible for the operation of Penn’s data networks (PennNet) as well as the establishment of information security policies, guidelines, and standards. It therefore has the authority and responsibility to specify security requirements for machines connected to PennNet.

### Executive Summary

This policy describes the requirements and constraints for attaching and securing a computer to PennNet. It also provides “best practice” recommendations to guide systems administrators in further steps to protect PennNet-connected systems.

### Purpose

The purpose of this policy is to avoid expensive and disruptive security incidents by ensuring that all systems installed on PennNet are protected from the most common computer security threats.

### Risk of Non-compliance

Computers that lack the most basic levels of security protection are vulnerable to attacks that can result in disclosure of data and widespread disruption to PennNet and PennNet-connected computers.

### Definitions

**Critical Vulnerability:** Penn Information Security will determine whether or not security vulnerabilities are considered Critical, basing the determination on the degree to which the vulnerability poses a significant risk of widespread disruption to PennNet, the Internet, and/or PennNet connected devices.

**Strong Authentication:** Authentication is strong when:
- re-usable passwords are not sent over the network as with so-called one-time password authentication systems.
- passwords are not sent over the network at all as, for example, with the Kerberos authentication protocol.
- in the case of re-usable password authentication systems, when only Strong Passwords (see below) are allowed and when the password transaction is encrypted using encryption algorithms generally accepted to be strong.

**Strong Password:** Passwords that are resistant to dictionary attacks, meeting the requirements set forth in www.upenn.edu/computing/email/pswd_guide.html.

### Scope

This policy applies to all devices connected to PennNet, whether they are connected directly to PennNet, or indirectly through a firewall, router performing NAT, or similar device.

### Statement of Policy

Devices connected to PennNet must have all relevant security patches applied, or the associated vulnerabilities must be otherwise effectively eliminated on a timely basis. Patches for Critical Vulnerabilities must be applied to, or the associated vulnerabilities must be otherwise effectively eliminated from:
- servers, immediately, but within, at most, ten days of availability,
- desktop and workstation computers within two business days of availability, and
- all other PennNet-connected devices within two business days of availability. This includes, but is not limited to, routers, printers, and special purpose devices connected to PennNet. Note that security patches to devices such as printers are very rare.

When software vendors package fixes for Critical Vulnerabilities together with numerous other fixes to repair non-critical problems (such as Microsoft Service Packs), the risk of the combined fix introducing new problems is considerably higher. Consequently, systems administrators are not required to apply such “roll-up” software fixes in the timeframes outlined above, but rather are strongly encouraged to first consult with other technical staff at Penn and elsewhere to determine whether sufficient testing has been done. Penn Information Security will work with software vendors to try to ensure that fixes for critical vulnerabilities are distributed as discrete fixes, independent of large, roll-up software fixes.

Notwithstanding, ISC reserves the right immediately upon the availability of security patches to remove from PennNet any such vulnerable, unpatched or compromised machines if, in the judgment of Information Security, the risk of widespread disruption to PennNet and/or PennNet connected devices outweighs the benefit of remaining connected to PennNet.

Remote access (i.e. any access other than from the console) to privileged accounts (e.g. root, Administrator) must use Strong Authentication.

For operating systems for which Penn owns site-licensed anti-virus software, there must be a regular program of maintaining current virus signatures and real-time scanning, consistent with software vendor recommendations.

### Recommendations and Best Practices

The use of automated patch management tools and antivirus update software is strongly encouraged. Generally, security patches for operating systems in wide use on campus (e.g. Windows, MacOS) have been well-tested by the vendor for desktop and workstation platforms. It is a low risk to configure such machines to automatically download security patches from the operating system vendor.
Un-tested security patches for servers pose a moderate risk, however. Systems administrators on campus occasionally have problems with vendor security patches interfering with critical server functions. For this reason, systems administrators are encouraged to test security patches, or check that others have done so before applying patches.


Compliance

A. Verification: Information Security will periodically scan campus computers for security vulnerabilities.

B. Notification: After taking reasonable care to remove false positive reports of vulnerabilities, Information Security will report violations of this policy to the primary contact in ISC’s Assignments database and to the senior Information Systems manager in the department or unit owning the machine.

C. Remedy: Remedy may be an immediate removal of the system from the network, depending on the potential for widespread disruption and harm to PennNet and PennNet-connected devices.

D. Enforcement: Please see the Policy on Computer Disconnection From PennNet at www.upenn.edu/computing/policy/disconnect.html. Until 1/1/05, Information Security will only disconnect systems not complying with this policy from PennNet for non-compliance with this policy if an actual exploit is publicized or circulating that exploits a Critical Vulnerability. After January 1, 2005, any machine not in compliance with this policy may be subject to being disconnected.

H. Appeals: Please see the Appeals section of the Policy on Computer Disconnection From PennNet at www.upenn.edu/computing/policy/disconnect.html. Disputes shall be decided by the University Information Security Officer. Appeals are decided by the Vice President for Information Systems. Appeals granted for the inability to meet one compliance requirement do not exempt the system owner from meeting all other requirements.

For devices that are vulnerable, but cannot be patched, Information Security will recommend workarounds wherever possible. Devices that cannot be patched due to technological obsolescence (e.g. operating systems for which the vendor no longer provides security patches) are exempt from this policy. In the interim, owners of such machines must:

- take all reasonable steps identified by Information Security to minimize the risk of the vulnerability, and
- promptly provide Information Security with a plan to bring the device into compliance.

System owners and operators who believe that they are unable to comply with this policy for operational reasons may request in writing a waiver from Information Security, explaining their operational constraints, and describing alternative plans to ensure that systems are properly secured. Information Security will respond to all such requests in writing within ten business days.

References

- www.upenn.edu/computing/email/pswd_guide.html
- www.upenn.edu/computing/policy/disconnect.html

University City District: New Logo and Brand Identity

University City District (UCD) recently unveiled the first new comprehensive identity package for the organization and the area. Eric Goldstein, UCD executive director, shared the results of a year-long marketing strategic plan and unveiled a new logo and tagline for University City.

Mr. Goldstein explains that, “University City District was founded in 1997 to reinvigorate University City, the 2.2 square-mile neighborhood on the west side of downtown Philadelphia, by combating the issues of cleanliness and safety which threatened the community and help change negative perceptions of the area.”

Ever since then, UCD has worked to improve the quality of life for the area’s residents, students, employees and visitors. The Public Space Maintenance program continues to significantly reduce litter and trash in the residential and commercial areas. The Ambassador Program has helped improve public safety in the neighborhood and, crime continues to steadily decline each year. The early initiatives and actions by UCD have been enormously successful and have played a major role in the ongoing revitalization of the neighborhood.

While the Clean and Safe team was making measurable impacts in the neighborhood, UCD’s marketing program was seeking to raise the profile of University City to both internal and external audiences through the promotion of events, publications, a website and other collaborative, cross-promotional relationships.

Last summer, after five years of substantial marketing efforts UCD felt it was time to step back and analyze all of their marketing initiatives, funding, allocations, and human resources. They looked at how their partners in University City market themselves and surveyed the public to see if negative perceptions of the neighborhood still exist.

It was decided that the development of a strategic marketing plan was the best way to meet their marketing objectives—to allow them to effectively, efficiently, and strategically market University City as a vibrant, diverse neighborhood. UCD then hired Kantor International to take a strategic approach to their efforts.

Key conclusions from the research include:

- University City is no longer perceived negatively in the areas of cleanliness and safety versus other urban neighborhoods and is transitioning from the negative equity of the past into an extremely positive future—the research indicates that the broader market views University City neutrally or not at all, which gives us the opportunity to define our own Vision.

- University City possesses the raw materials to become a distinctive community in the Philadelphia region.

- Many people don’t know what University City offers and for what it stands however, among those that do, the University City restaurant portfolio is our greatest immediate asset.

- To ensure consistent, branded growth, UCD must play a leadership role as the centralized marketing arm of University City as well as its brand manager.

As the process begins of advancing this cohesive vision for the University City brand, UCD must put forth a compelling, consistent look that clearly conveys the essence of what want this community is all about.

UCD’s marketing objective is to differentiate University City based on its unique assets. In its abstraction, the previous UCD logo does not adequately represent the values that we are working to build in the CU community. Thus, the report concludes that UCD needs a new graphic identity. Kantor International developed a new logo for UCD that supports the vision and embodies the positioning. After much dialogue and deliberation, multiple logo designs were selected and “tested” with a wide range of constituents. “We wanted to create a situation where the viewer must figure out the abstraction and discover the meaning of the graphic. The logo is intellectual, progressive, and unique, while the colors promote diversity and fun,” says Goldstein.

UCD created a tagline based on location and the offbeat, diverse and funky offerings of University City. UCD is moving forward with promoting University City as “Left of Center.”

Lori Klein Brennan, senior director of Marketing & Communications for UCD says, “UCD won’t completely change overnight. We are having a phased roll-out of the new identity to keep in line with our normal purchasing and to be fiscally responsible. Over the next year, you will gradually see our identity change—from new marketing materials to vehicle identification to new uniforms. We anticipate this being a very positive change for both the organization and the community. UCD looks forward to the community adopting the new brand security patches, and packaging incentives for our partners to help us spread the word and to encourage them to link themselves with the new identity for University City. Look for the new ad campaign this summer and for things like new banner incentives, co-op advertising programs and much more.”

To download a copy of the condensed marketing strategic plan, visit www.ucityphila.org.
Need a Car? Ford Motor “Drive In, Drive Out” Partner Recognition Tour

View the exciting line-up of Ford products Tuesday, August 3, 11:30 a.m.—1:30 p.m., 37th Street Pedestrian Walkway, between Walnut St. and Locust Walk.

On site will be Ford, Lincoln, Volvo, Jaguar, and Land Rover cars and vans. Learn about the Car Discount Program available to Penn faculty/staff and their spouses, while enjoying complimentary refreshments. Giveaways and a raffle are all part of the excitement. For details, go to www.hr.upenn.edu or scroll to the “Faculty & Staff Discount” and select “Car Discount Programs.” See you there! Questions? Contact Human Resources at psa@dolphin.upenn.edu or (215) 898-5116.

—Division of Human Resources

Penn Presents 2004-2005 Season

Experience music, dance, drama, opera, comedy and culture during the 2004-2005 season at the Annenberg Center. The Irish Festival continues with Altan, Cherish the Ladies Celtic Christmas, Mick Moloney’s St. Patrick’s Day show and Natalie MacMaster; the exclusive Philadelphia engagement of Dublin’s Abbey Theatre, performing J. M. Synge’s The Playboy of the Western World; the legendary Martha Graham Dance; the 50th year of Paul Taylor Dance; MOMIX and River North Chicago; as well as music ranging from classical, jazz, gospel and blues. Subscribe by August 15 for the lowest prices and best seats or Pick-A-Series by purchasing tickets to three or more events and save $4 per ticket on each event in your series; $5 off for Penn faculty/staff, alumni and senior citizens, and $7 off for students. Order subscriptions online at www.upenn.edu/facultyclub for the daily lunch menu.

Buffet Lunch At The Faculty Club
Effective Thursday, July 1, 2004, the full hot and cold buffet luncheon price will be $9.20 all-inclusive per person. A change in the light lunch option will include a choice of soup or salad and soup or sandwich for $5.95 all-inclusive per person. Check the Club website www.upenn.edu/facultyclub for further details.

Faculty/Staff: It’s Hot Outside

Cool off and enjoy a great deal compliments of Houston Market. All you need is your Penn Faculty/Staff ID to receive 1 free sundae with a purchase of $5 or more. Houston Market is open Monday-Friday 11 a.m.-3 p.m. Stop in now while the crowd is gone, but don’t delay; this offer is only good through July 31, 2004.

—Erin Lafferty, Guest Services Manager

Summer Volunteer Opportunities

Your help is needed to provide jobs and pay for teenagers enrolled in WorkReady Philadelphia.

Volunteers Needed July 6-August 13, 8 a.m.-1 p.m. Monday-Friday: The Mill Creek Cultural Center Community Day Camp is a faith-based summer day camp primarily targeted to children ages 10-14, living in the Mill Creek, Belmont, Manor area of Philadelphia. The day camp is located at 4624 Lancaster Avenue in the Historic Mill Creek Cultural Center. Specialized activities will be conducted by professionals in their related fields, such as dance, music, art, science, recreation, photography, and life skills. To keep the camp at a minimum charge, staff time, supplies and materials, outside activity fees, breakfast, lunch, and related expenses have been donated and/or coordinated through the efforts of the members of the Church Down The Way.

The Southeastern PA Chapter of the Red Cross located at 23rd & Market Streets, and the Red Cross House, located at 4000 Powelton Avenue are in need of volunteers! Public Relations Intern, Human Resources Volunteer Recruiting Assistant, Youth Services Volunteer Instructor Specialist, Social Work Intern, Marketing Associate, Stewardship & Communications Intern, HIV Prevention Program Intern, Volunteer Transportation Driver. Red Cross House Volunteer Opportunities; After School Study Buddy, Evening Activities Volunteer, Child Care, Kitchen Helper, Receptionist. (For descriptions of these positions, see www.upenn.edu/almanac/volumes/v51/n10/vol_opps.html). The 2004 ITF Senior World Tennis Championships is a non-profit organization promoting senior tennis. September 13-26, Philadelphia will be hosting over 1000 tennis players from all over the world aged 50-90. Most of the participants are amateur tennis enthusiasts. However, the draw will also include many former Davis Cup, Federation Cup, and Wightman Cup players. On September 13 Philadelphia Cricket Club will host International Legends Day. This all day showcase of both men’s and mixed doubles will match up some of the all-time greatest tennis players. Right now we are trying to enlist volunteers who will help with transportation, player registration and ticketing at the clubs. We are signing up volunteers for 2-3 hour slots.

New Beginnings E.T.C., After-School & Traucy Prevention Program for youths in grades 9 to 12 funded by the Department of Human Services is seeking three volunteer tutors to assist students in the program (1 for Math and 2 for Reading). The program hours of operation are Monday through Thursdays from 3-5 p.m. and the days and hours need a volunteers are needed are from 4-5 p.m. on Monday and Thursday.

Preview For August:
School Supplies Drive

Dear Penn Community,

In our continuing efforts to be good neighbors, the following is a list of the community service opportunities. As many of you know, Penn Volunteers In Public Service (Penn VIPs) posts a list of volunteer opportunities. These opportunities are developed from the many requests we get from the surrounding community to be partners in a particular initiative and/or sometimes to provide assistance. Please send information to sammapp@pobox.upenn.edu regarding any filled and unfilled internships and summer hire positions you may have available for high school students. Please contact me via e-mail or call (215) 898-2020 to volunteer for any of these programs. Thank you for your continued support.

—Isabel Mapp, Associate Director, Faculty, Staff and Alumni Volunteer Services, Director, Penn Volunteers in Public Service, Center for Community Partnerships

American Heart Walk

UPHS is once again supporting the American Heart Walk, and their goal of reducing heart disease by participating in the 2004 American Heart Walk. This event will be held on Sunday, September 26th at Memorial Hall in Fairmount Park at 9 a.m. This is the Health System’s fifth year of participation. In 2000, UPHS raised $794; in 2001, we raised over $22,000; in 2002, we raised almost $65,000 and last year we raised over $83,000 and had 573 walkers. The Health System’s goal this year is $100,000. In order to successfully meet this challenge, we are once again asking volunteers to become Team Captains and/or walkers. Please contact Denise Montgomery by July 30 (215) 662-7781 or denise.montgomery@uphs.upenn.edu to express interest in becoming a Team Captain (or a walker). Thanks for your support of this very important cause that affects all of us.

—Denise Montgomery, Cardiovascular Services Administrator, University of Pennsylvania Medical Center

PSA 2004-2005 Calendars

Dear Member of the Penn Community,

Penn Student Agencies (PSA) is proud to announce the publication of our Penn Calendar of 2004-2005. PSA is a nonprofit, student-run, self-supporting organization. This calendar is a great resource for all departments providing helpful information concerning major University events from September 2004 through August 2005. Events listed include dates from the Registrar concerning registration and vacations, all-department dates for both home and away games, various dates from local organizations sponsoring events in the University City area, as well as significant dates from many other University departments. In addition, there is a section displaying the contact information regarding cultural and sports events in the Philadelphia area.

The Penn Calendar will be available during the third week of August for $13.95. Orders can be placed by fax (215-898-0920), phone (215) 898-6951, email (psa@pobox.upenn.edu), or by mailing them to us. The Penn Calendar for the September AT PENN is August 16. Breaking news will be posted to the Almanac Between Issues section of Almanac’s website, as needed throughout the summer. Be sure to subscribe to Express Almanac so that you won’t miss out on the news.

—Ed Trisdorfer, Director of Student Services Operations

Almanac Schedule and Deadlines

This is the first issue of Almanac in Volume 51 and the only issue printed during the summer. Almanac resumes weekly publication when the fall semester classes begin. The deadline for the September 7 issue, is August 16. The deadline for the September at Penn is August 16. Breaking news will be posted to the Almanac Between Issues section of Almanac’s website, as needed throughout the summer. Be sure to subscribe to Express Almanac so that you won’t miss out on the news.

Get On Board Express Almanac

Sign up to receive e-mail notification when we post breaking news between issues. Send an e-mail message with the word “subscribe” as the Subject to almanac@pobox.upenn.edu and include your name, e-mail address and mailing address. —Ed
EXHIBITS

Now Café Nothing on the Shakespeare Garden; open house at the Arthur Ross Gallery invites visi-
tors to interact with and respond to intangible and nonexistent objects; presented as part of The Big
Nothing at the ICA. Through August 9.
Annual In-House Exhibition; works by em-
ployees of the University City Science Center and its resident organizations; Esther Klein Gallery.
Through August 31.

FILMS

International House
Tickets: $6, $5/members, students, seniors. Info.:
8/13 Christo’s Valley Curtain; 7 p.m.; followed by
Running Fence.
8/14 Islands; 7 p.m.; followed by Christo in Paris.
8/15 Umbrellas; 8 p.m.
8/18 Young Mr. Lincoln; 8 p.m.
8/19 America is Hard to See; 8 p.m.
8/20 Millhouse: A White Comedy; 8 p.m.; preceded-
by LBJ.
8/21 Spin; 1 p.m.; preceded by Stand Up Reagan.
The War Room; 7 p.m.; preceded by Crisis.

FITNESS/LEARNING

7/13 Blood Drive; 10 a.m.-3:30 p.m.; Stemmeler

SPECIAL EVENT

7/24 A Cheap Art Bazaar from the Dead Artists
Guild; handmade postcards, prints, paintings,
drawings; noon-3 p.m.; The Rotunda Plaza (Penn;
Foundation Community Arts Initiative; UCD).

Deadlines: The deadline for the September at Penn
calendar is August 16. For information see www.
upenn.edu/almanac/calendar/caldead-real.html.

RESEARCH
Paid research study: Healthy, non-smoking, normal
weight white men & women 35-58 years-old needed
for study looking at the effect of sugar and protein
on hormones. Involves blood sampling and one
overnight stay in the hospital. Pays $150. Please
contact Rebecca Mueller @ (215) 615-0523.

Do you want to lose weight? The University of
Pennsylvania School of Medicine is looking for
participants for a 2 year research study of a stom-
och pacing device in combination with a behavioral
weight loss treatment. Men and Women ages 18 to
65 and more than 50 pounds overweight, please
log onto www.candidatescreerings.com/SSP/Weight
come.asp to complete the online screening process.
Compensation provided.

HELP WANTED
The Howard Hughes Medical Institute is seeking a
Research Technician in a laboratory in the School of
Medicine studying neurobiology of mood disor-
ders at the molecular and behavioral level. B.A./
B.S. required. Experience in histology, molecular
biology, transgenic mice preferred. HHMI offers a
competitive salary and excellent benefits package.
Please send C.V. to Dr. Peter Klein (pklein@mail.
med.upenn.edu).

Almanac is not responsible for contents of
classified ad material.

For information call (215) 898-5274.

CLASSIFIEDS—UNIVERSITY

FOR RENT
Wildwood: 1½ blocks to beach, boardwalk, con-
vention center. New large condo. 3 bedroom, 2
bathrooms, sleeps 8, large deck, garage parking,
all conveniences. July 17, & August 14th on,
weekly rental $1,200 Mon-Fri $650. September
Negotiable. Call (610) 793-1708.

HOUSE FOR SALE
4518 Pine Street, Just Completed! Astounding
Victorian Renovation, 5 bedrooms, 2.5 baths, Original
Details, Granite and Stainless Steel kitchen,
with Skylights, Mosaic tile baths, Deck and
landscaped yards, Central Air, Oak, and Pine
Floors, Built-in original armor! Much more!
Open House Sunday, July 18 and Sunday, July
25 11 to 1 p.m. Call Vincent Tagliante,
Coldwell Banker Realty Corp Associates (215)
735-0700, (215) 731-2263-Direct.

FOR SALE
5-speed, standard, AC, tape deck, AM/FM, roof
rack, 137,700 miles. Asking $2,500. Call (215)
985-0973.

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For information call (215) 898-5274.

CLASSIFIEDS—PERSONAL

Update
Summer AT PENN

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 28–July 4, 2004. Also reported were 12 Crimes Against Property (including 10 thefts, 1 act
of vandalism and 1 burglary). Full reports are on the web (www.upenn.edu/almanac/volumes/v51/n01/creport.
html). 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 28–July 4, 2004. 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.

MAY 2004 15

18th District Report
12 incidents and 2 arrests (including 5 aggravated assaults and 7 robberies) were reported between June
28–July 4, 2004 by the 18th District covering the Schuylkill River to 48th St. & Market St. to Woodland Ave.

06/28/04 2:00 AM 500 43rd St Robbery
06/28/04 4:45 AM 4899 Baltimore Ave Aggravated Assault
06/28/04 11:00 AM 4502 Chestnut St Aggravated Assault/Arrest
06/29/04 1:45 PM 4700 Hazel Ave Robbery
06/29/04 6:53 PM 4000 Pine St Robbery/Arrest
06/30/04 6:40 AM 6 Farragut St Robbery
06/30/04 12:55 AM 1310 47th St Aggravated Assault
07/01/04 4:41 PM 115 48th St Robbery
07/02/04 1:40 AM 4628 Walnut St Robbery
07/02/04 10:30 PM 5100 Sansom St Robbery
07/03/04 9:30 AM 4910 Chestnut St Aggravated Assault
07/04/04 5:30 PM 209 49th St Aggravated Assault

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tented students, faculty and staff from diverse backgrounds. The
University of Pennsylvania does not discriminate on the basis of
race, sex, sexual orientation, gender identity, religion, color, na-
tional or ethnic origin, age, disability, or status as a Vietnam Era
Veteran or disabled veteran in the administration of its educa-
tional policies, programs or activities; admissions policies; scholar-
ship and loan awards; athletic, or other University administered pro-
grams or employment. Questions or complaints regarding this
policy should be directed to Jeanne Arnold, Executive Director,
Offices of Affirmative Action, 3600 Chestnut Street, 2nd floor,
Philadelphia, PA 19104-6106 or (215) 898-6993 (Voice) or (215)
898-9137 (TDD).

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.

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# University of Pennsylvania

## Three-Year Academic Calendar, 2004-2005 through 2006-2007

### Fall

<table>
<thead>
<tr>
<th>Event</th>
<th>2004 Fall Term</th>
<th>2005 Fall Term</th>
<th>2006 Fall Term</th>
</tr>
</thead>
<tbody>
<tr>
<td>Move-in and registration for Transfer Students</td>
<td>Wednesday</td>
<td>September 1</td>
<td>August 31</td>
</tr>
<tr>
<td>Move-in for first-year students</td>
<td>Thursday</td>
<td>September 2</td>
<td>September 1</td>
</tr>
<tr>
<td>New Student Orientation</td>
<td>Thursday-Tuesday</td>
<td>September 2-7</td>
<td>September 1-6</td>
</tr>
<tr>
<td>Labor Day</td>
<td>Monday</td>
<td>September 6</td>
<td>September 5</td>
</tr>
<tr>
<td>New Student Convocation and Opening Exercises</td>
<td>Tuesday</td>
<td>September 7</td>
<td>September 6</td>
</tr>
<tr>
<td>First Day of Classes</td>
<td>Wednesday</td>
<td>September 8</td>
<td>September 7</td>
</tr>
<tr>
<td>Add Period Ends</td>
<td>Friday</td>
<td>September 24</td>
<td>September 23</td>
</tr>
<tr>
<td>Drop Period Ends*</td>
<td>Friday</td>
<td>October 15</td>
<td>October 14</td>
</tr>
<tr>
<td>Fall Term Break</td>
<td>Saturday-Tuesday</td>
<td>October 23-26</td>
<td>October 15-18</td>
</tr>
<tr>
<td>Family Weekend</td>
<td>Friday-Sunday</td>
<td>October 29-31</td>
<td>October 21-23</td>
</tr>
<tr>
<td>Homecoming</td>
<td>Saturday</td>
<td>October 16 (Columbia)</td>
<td>November 5 (Princeton)</td>
</tr>
<tr>
<td>Advance Registration, Spring Term</td>
<td>Monday-Sunday</td>
<td>November 1-14</td>
<td>October 31-November 13</td>
</tr>
<tr>
<td>Thanksgiving Break Begins at close of classes</td>
<td>Wednesday</td>
<td>November 24</td>
<td>November 23</td>
</tr>
<tr>
<td>Thanksgiving Break Ends 8 a.m.</td>
<td>Monday</td>
<td>November 29</td>
<td>November 28</td>
</tr>
<tr>
<td>Fall Term Classes End</td>
<td>Friday</td>
<td>December 10</td>
<td>December 9</td>
</tr>
<tr>
<td>Reading Days</td>
<td>Saturday-Tuesday</td>
<td>December 11-14</td>
<td>December 10-13</td>
</tr>
<tr>
<td>Final Examinations</td>
<td>Wednesday-Wednesday</td>
<td>December 15-22</td>
<td>December 14-21</td>
</tr>
<tr>
<td>Fall Semester Ends</td>
<td>Wednesday</td>
<td>December 22</td>
<td>December 21</td>
</tr>
</tbody>
</table>

### Spring

<table>
<thead>
<tr>
<th>Event</th>
<th>2005 Spring Term</th>
<th>2006 Spring Term</th>
<th>2007 Spring Term</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spring Semester classes begin</td>
<td>Monday</td>
<td>January 10</td>
<td>January 9</td>
</tr>
<tr>
<td>Martin Luther King, Jr. Day (observed; no classes)</td>
<td>Monday</td>
<td>January 17</td>
<td>January 16</td>
</tr>
<tr>
<td>Add Period Ends</td>
<td>Friday</td>
<td>January 21</td>
<td>January 20</td>
</tr>
<tr>
<td>Drop Period Ends*</td>
<td>Friday</td>
<td>February 11</td>
<td>February 10</td>
</tr>
<tr>
<td>Spring Break Begins at Close of Classes</td>
<td>Friday</td>
<td>March 4</td>
<td>March 3</td>
</tr>
<tr>
<td>Classes Resume at 8 a.m.</td>
<td>Monday</td>
<td>March 14</td>
<td>March 13</td>
</tr>
<tr>
<td>Advance Registration for Fall and Summer Sessions</td>
<td>Monday-Sunday</td>
<td>March 21-April 3</td>
<td>March 20-April 2</td>
</tr>
<tr>
<td>Spring Term Classes End</td>
<td>Friday</td>
<td>April 22</td>
<td>April 21</td>
</tr>
<tr>
<td>Reading Days</td>
<td>Monday-Wednesday</td>
<td>April 25-27</td>
<td>April 24-26</td>
</tr>
<tr>
<td>Final Examinations</td>
<td>Thursday-Friday</td>
<td>April 28-May 6</td>
<td>April 27-May 5</td>
</tr>
<tr>
<td>Alumni Day</td>
<td>Saturday</td>
<td>May 14</td>
<td>May 13</td>
</tr>
<tr>
<td>Baccalaureate</td>
<td>Sunday</td>
<td>May 15</td>
<td>May 14</td>
</tr>
<tr>
<td>Commencement</td>
<td>Monday</td>
<td>May 16</td>
<td>May 15</td>
</tr>
</tbody>
</table>

### Summer

<table>
<thead>
<tr>
<th>Event</th>
<th>2005 Summer</th>
<th>2006 Summer</th>
<th>2007 Summer</th>
</tr>
</thead>
<tbody>
<tr>
<td>12-Week Evening Session classes begin</td>
<td>Monday</td>
<td>May 16</td>
<td>May 15</td>
</tr>
<tr>
<td>First Session classes begin</td>
<td>Tuesday</td>
<td>May 17</td>
<td>May 16</td>
</tr>
<tr>
<td>Memorial Day (no classes)</td>
<td>Monday</td>
<td>May 30</td>
<td>May 29</td>
</tr>
<tr>
<td>First Session classes end</td>
<td>Friday</td>
<td>June 24</td>
<td>June 23</td>
</tr>
<tr>
<td>Second Session classes begin</td>
<td>Monday</td>
<td>June 27</td>
<td>June 26</td>
</tr>
<tr>
<td>Independence Day (no classes)</td>
<td></td>
<td>July 4 (Mon)</td>
<td>July 4 (Tues)</td>
</tr>
<tr>
<td>Second Session; 12-Week Evening Session classes end</td>
<td>Friday</td>
<td>August 5</td>
<td>August 4</td>
</tr>
</tbody>
</table>

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

**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.