School of Veterinary Medicine Teaching Awards

The annual Veterinary Medical Student Government Teaching Awards were presented at a ceremony at the University Museum last month where the School of Veterinary Medicine faculty, students and staff gathered to honor this year’s award recipients. Dean Alan M. Kelly began the ceremonies with the presentation of the Dean’s Award for Leadership in Clinical Science Education to Dr. Michaela Kristula, assistant professor of medicine at New Bolton Center. Dr. Michael Atchison, professor of biochemistry, received the Dean’s Award in Basic Science Education. These awards honor one faculty member from the clinical departments and one from the basic science departments who have made outstanding contributions to teaching in their disciplines.

Dr. Debra Baird, assistant professor of radiology, received the Carl J. Norden Distinguished Teacher Award established in 1963 “to recognize outstanding teachers who, through their ability, dedication, character and leadership, contribute significantly to the advancement of the profession.”

The four classes then honored the faculty members they considered to be outstanding teachers. The Class of 2001 presented its award to Dr. Cynthia Ward, assistant professor of medicine, and Dr. Billy Smith, assistant professor of field service. Dr. David Holt, associate professor of surgery, and Dr. Debra Baird, assistant professor of radiology, were honored by the Class of 2002. Dr. Linden Craig, assistant professor of pathology, received the Class of 2003 Award. The Class of 2004 honored Dr. Paul Orsini, assistant professor of anatomy.

During the School’s Alumni Day celebrations on May 20 at New Bolton Center, the Veterinary Medical Alumni Society presented the Veterinary Medical Alumni Society Excellence in Teaching Award to Dr. Michael Goldschmidt, professor of pathology. This annual award is presented by the VMAS to an educator recommended by recent graduates.

Heuer Professor: Dr. Gorte

Dr. Raymond J. Gorte is the new Russell Pearce and Elizabeth Crimian Heuer Professor of Chemical Engineering. He has been a faculty member of the School of Engineering for 20 years, during which he served the Chemical Engineering Department in many capacities, including that of Department Chair. Dr. Gorte’s research in solid-oxide fuel cell technology has received widespread attention and has been instrumental in increasing the understanding of surface reactions that have led to important applications in industrial practice. He is well known for the development of novel experimental techniques in the field of kinetics and catalysis. Dr. Gorte is the recipient of a number of catalysis awards, including the 1999 Paul H. Emmett Award in Fundamental Catalysis of the North American Catalysis Society.

Dr. Gorte is an alumnus of the University of Wisconsin, where he received his bachelor’s degree in 1976, and of the University of Minnesota, where he received his Ph.D. in 1981.

The Heuer Professorship was established through a contribution from the Russell Pearce and Elizabeth Crimian Heuer Foundation in support of science education. “Ray is an excellent choice for the Heuer Chair. He is an outstanding educator and mentor of graduate and undergraduate students, both in and outside the classroom. Undergraduates continually seek the opportunity to work with him in his laboratory,” said Dean Eduard Glandt. “His research represents the best in engineering science and has brought significant distinction to Penn.”

Information Partnership

A newly launched service offers Penn’s alumni access to many of the electronic resources already available to Penn’s students and faculty, such as full-text of books and articles.

Penn’s Library and Northern Light Technology Inc., a leading provider of information-management solutions, have created an information-rich portal for the University’s 248,000 alumni. It includes links to web sites organized by subject, as well as to thousands of e-journals and e-newspapers.

The Library has also mounted thousands of online books and journals through its Schoenberg Center for Electronic Text and Image. The Schoenberg Center site also includes hundreds of illuminated medieval manuscripts and (continued on page 3)
Trustees Meeting Coverage

At the May 17 Stated Meeting of the Executive Committee of the Trustees, a resolution was passed changing the name of the Board of Advisors to the Board of Overseers for both the Annenberg Center and the ICA. This change serves to “standardize the nomenclature for all Penn’s freestanding centers whose missions are closely aligned with the academic mission of the University.”

President Judith Rodin announced the appointment of Dr. Robert Martin as the CEO of UPHS (Almanac May 15) citing the Health System’s financial turnaround. President Rodin presented a resolution on Maureen Rush as Vice President for Public Safety, and another on the reappointment of Dr. Alan Kelly as dean of the School of Veterinary Medicine for a term of five years; both were passed (Almanac May 15). Dr. Rodin described the redesigned Commencement stage with the new perspective (see the back page).

Provost Robert Barchi said there are efforts underway to improve the research infrastructure, and to oversee compliance, especially with research involving human subjects. He also noted the significant level and number of scholarships that students have won this year including the two Gates Scholarship winners (see page 4).

EVP John Fry presented the financial report for the period July 1, 2000 to March 31, 2001, noting that the University increased its net assets by $131 million to $4.5 billion. Most of this increase is the result of non-operating contributions to the endowment. There was an increase in net assets from operating activities of $23.8 million. Operating revenue has increased by about 8.3% over the comparable period in FY2000. Operating expenditures increased 6.6%. The Health Services component of the Health System had an overall increase in net assets of $50.5 million. “Health Services management continues efforts to preserve overall liquidity by limiting capital expenditures and improving receivable collections.”

In Mr. Howard Marks’ Investment Board report he said that Penn had the second best endowment results out of 32 peer institutions for the fourth quarter of 2000.

Budget and Finance presented two resolutions which were approved—one concerning the revised scope and budget for the design and construction of Levine Hall and the other concerning Pennsylvania Hospital.

Resolutions were also passed to revise the definition of clinical appointments to the associated faculty and academic support staff in the School of Medicine and to establish practice professorships in SEAS.

UPHS Government Relations

Rusu Molloy, Associate Executive Vice President for Government Relations for UPHS, has left to join the Meridian Health System in New Jersey. He is now the Vice President for Government Relations at Meridian, a chain of three hospitals based in Wall Township that has 7,000 employees and a $650 million annual budget. With its flagship institution, the Jersey Shore Medical Center in Neptune, the Meridian chain is a major teaching affiliate of the University of Medicine and Dentistry of New Jersey (UMDNJ).

Inquiries regarding government relations for UPHS can be forwarded to Michelle Krycia in the UPHS Office of Government Relations at (215) 349-5136.

SENATE From the Senate Office

Election of Assistant Professor Member

No nominations were received by petition and the Senate Nominating Committee’s nominee Sean P. Clarke (nursing) is declared elected to a 2-year term effective immediately as an assistant professor member of the Senate Executive Committee.

PPSA Officers and Board: 2001-2002

The PPSA Board for 2001-2002 was elected at the May 24 Annual Election Meeting. Listed below are the officers and the members of the Board for the coming academic year.

Past Chair Anna Loh, Wharton School
Chair Adam B. Sherr, School of Nursing
Chair Elect Anne Mickel, Stouffer College House
Vice Chair Trish A. diPietrae, School of Veterinary Medicine
Vice Chair Elect Rodney Robinson, Office of Student Life
Members At Large

Second Year (expires May 2002)
Lyn Davis, Office of Student Conduct
Jack B. Lewis, African-American Resource Center
Lynn Rotoli, Housing and Conference Services

First Year (expires May 2003)
Andy Atzert, Wharton Executive Education
Beth Hagovsky, Wharton Undergraduate Division
Leah Smith, Office of Vice Provost for University Life

A-3 Assembly Executive Officers: 2001-2002

Chair Troy Odom, Office of Affirmative Action
Vice Chair Mary Grau, Dept of Animal Biology, School of Veterinary Medicine
Secretary Amy Bogdanoff, School of Veterinary Medicine
Treasurer Emily Damanskis, IHGT
Former-Chair Regina Cantave, Vice Provost for Computing
Former-Vice Chair Karen Pinckney, Facilities Planning and Operational Services
Former-Secretary Danielle Kradin, Office of the Provost
Former-Treasurer Terri J.Brown, Human Resources

Mail Service Changes: New Service Offerings and Surcharge Increase

Surcharge Increases from 10% to 12%  
Penn Mail Services will be increasing its surcharge from 10% to 12%, effective July 1, 2001. The fee increase is necessary to continue to offer the same quality of service and cover the rising costs for services paid by Penn Mail (i.e., costs of operations including fuel, utilities and equipment maintenance, new equipment purchases, relocation expenses, and employee wages/benefits).  
Penn Mail Service currently provides the following services at no cost to departments:
- Sorting and delivery of approximately 2.6 million pieces of intramural mail
- Direct delivery service (twice daily) to 106 buildings and 159 mail stops
- Metering of more than 6.8 million pieces— all mail classes
- Provision of intramural mail envelopes
- Early morning mail pick-up at USPS for early distribution
- Pick-up of UPS ground shipments for same-day processing
- Bulk mail pick-ups for large orders (with prior notification)
- Provision of USPS trays and tubs for large mailings
- Consultative services on correct address, design, and postal discount policies

New Services; Savings Opportunities

New for 2001, Penn Mail Service (PMS) has purchased sorting equipment with advanced technology that accurately captures all classifications of USPS mail, ensuring that mail gets sorted in the appropriate postage categories. Additionally, PMS offers other opportunities to save on mail jobs, including competitive folding/insertion rates and mailing list verification and certification which eliminates duplicate names and addresses, ensures correct addressing to save on undeliverable mail costs, and offers “action messages” to attract recipients’ attention.

Postal Rate Increase

The U.S. Postal Service has made several changes to its mail classes and rates, which also take effect July 1, 2001. The table below offers a summary of the key services and changes.

For a complete listing, consult the USPS website: http://www.usps.com/rateclasses/.

<table>
<thead>
<tr>
<th>Service</th>
<th>Current Rate</th>
<th>New Rate (effective 7/1)</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Class Letter</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1 ounce</td>
<td>.34</td>
<td>.34</td>
</tr>
<tr>
<td>Additional ounce</td>
<td>.21</td>
<td>.23</td>
</tr>
<tr>
<td>Postcard</td>
<td>.20</td>
<td>.21</td>
</tr>
<tr>
<td>Express Mail</td>
<td></td>
<td></td>
</tr>
<tr>
<td>$12.25</td>
<td>$12.45</td>
<td></td>
</tr>
<tr>
<td>Up to 2 lbs.</td>
<td>$16.00</td>
<td>$16.25</td>
</tr>
<tr>
<td>Flat rate env.</td>
<td>$16.00</td>
<td>$16.25</td>
</tr>
<tr>
<td>Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Certified mail</td>
<td>$1.90</td>
<td>$2.10</td>
</tr>
<tr>
<td>Domestic money orders</td>
<td>.75</td>
<td>.90</td>
</tr>
</tbody>
</table>

Penn Mail Service will continue its efforts to offer the University community high quality service at competitive rates. If you have questions regarding our offerings or any of the changes effective July 1, 2001, please feel free to contact us at (215) 898-MAIL.

Additional information may be found on our website: www.upenn.edu/bus-svcs@mail/.

—Robert Furniss, Director, Transportation and Mail Services

www.upenn.edu/almanac

ALMANAC May 29, 2001
**Lockers Privacy**

The attached letter was sent to Dr. Michael Diorka, Director of Recreation, regarding the opening and removal of items in my locker at the Gimbel Gymnasium. I have neither received a response to my letter. I believe that the principle of privacy is inviolate and that this gross invasion of privacy must be brought to the attention of the University community. This kind of invasion is equivalent to entering our offices and removing files or other items without permission.

In the over 40 years I have been associated with the University, I have always been proud of the occasions when my colleagues would lean over backwards to avoid any even the appearance of the invasion of my privacy. Thus the idea that some unknown employee could open my locker and remove items, even if they were contraband, is abhorrent to me. If this administration’s policy then I believe it is incumbent upon them to spell out the limitations in our privacy rights.

I would note that the University spent considerable time and effort in developing a privacy statement for our e-mail communications with the idea of ensuring the utmost privacy consistent with the limitations of the medium. Surely, we believe it is incumbent upon them to spell out the limitations in our privacy rights.

I recently experienced a shock when I discovered that Recreation Personnel had entered my locker in Gimbel Gym without my permission or prior notice. Presumably the purpose was to remove some old towels that were perceived to be University property. Had anyone bothered to check with me, I believe I could have satisfactorily explained the presence of these items in my locker. Regardless of the circumstances, entering a private locker and removing anything therein without a warrant or some prior notification and/or permission seems to me a gross violation of privacy that is generally assumed at the University. This is the equivalent of entering my office and removing documents or other belongings without permission and it cannot be condoned or tolerated.

I would appreciate an explanation and a guarantee that this invasion of my privacy or indeed the privacy of any person at this University will not occur again.

_Burton Rosan, Professor Emeritus, Dental Medicine_

---

**Alumni Reunion Gifts: Setting New Records Again**

Five of the 14 reunion classes presented their checks to President Judith Rodin during the Friday night dinners and the Alumni Day picnic set new records for their respective reunion years, according to Ken Goebel, Director of The Penn Fund—and many designated all or part of their contribution to the endowment of scholarships, a high priority in the Agenda for Excellence. This year’s gifts and givers, with record-setters marked [*], are:

<table>
<thead>
<tr>
<th>Class</th>
<th>Reunion</th>
<th>Total Dollars</th>
<th>Donors</th>
<th>Project</th>
</tr>
</thead>
<tbody>
<tr>
<td>1936</td>
<td>55th</td>
<td>$419,562</td>
<td>72</td>
<td>Endowed Scholarships</td>
</tr>
<tr>
<td>1941</td>
<td>60th</td>
<td>$873,117</td>
<td>180</td>
<td>Class of 1941 Memorial Scholarship</td>
</tr>
<tr>
<td>1946</td>
<td>55th</td>
<td>$226,149</td>
<td>103</td>
<td>Endowed Scholarships</td>
</tr>
<tr>
<td>1951</td>
<td>50th</td>
<td>$3,774,680</td>
<td>311</td>
<td>Endowed Scholarships</td>
</tr>
<tr>
<td>1956</td>
<td>45th*</td>
<td>$11,626,574</td>
<td>255</td>
<td>650K Endowed Sch./250K Penn Press/100K sculpture</td>
</tr>
<tr>
<td>1961</td>
<td>40th*</td>
<td>$2,274,474</td>
<td>257</td>
<td>Endowed Scholarships</td>
</tr>
<tr>
<td>1966</td>
<td>35th</td>
<td>$3,486,386</td>
<td>277</td>
<td>Endowed Scholarships</td>
</tr>
<tr>
<td>1971</td>
<td>30th</td>
<td>$1,745,608</td>
<td>375</td>
<td>330K Endowed Scholarship/150K Quad seminar room / 20K Memorabilia Case</td>
</tr>
<tr>
<td>1976</td>
<td>25th</td>
<td>$2,336,634</td>
<td>516</td>
<td>1M Quad Grand Staircases; remainder to Endowed Scholarship</td>
</tr>
<tr>
<td>1981</td>
<td>20th</td>
<td>$877,711</td>
<td>516</td>
<td>Restricted</td>
</tr>
<tr>
<td>1986</td>
<td>15th*</td>
<td>$1,870,966</td>
<td>430</td>
<td>Restricted / Endowed Scholarships</td>
</tr>
<tr>
<td>1991</td>
<td>10th*</td>
<td>$478,210</td>
<td>396</td>
<td>Restricted</td>
</tr>
<tr>
<td>1996</td>
<td>5th*</td>
<td>$189,247</td>
<td>325</td>
<td>Restricted / Endowed Scholarships</td>
</tr>
<tr>
<td>2001</td>
<td>senior</td>
<td>$21,797</td>
<td>273</td>
<td>Staircase in Houston Hall</td>
</tr>
</tbody>
</table>

---

**DEATHS**

**Dr. Malamed, Dental Medicine**

Dr. Emanuel Hayes Malamed, a retired clinical professor of periodontics, in the affiliated faculty of the School of Dental Medicine, died on May 9, at the age of 80.

Dr. Malamed received his dental degree from Penn and served in the Army during World War II performing dental work at Army camps stateside. He began his teaching career in 1957 as an associate instructor and by 1995 held the position of clinical associate professor, a title which he held at the time of his death. While an associate instructor at the School of Dental Medicine, he earned a Certificate of Periodontics. He is survived by his wife Frances; daughters Karen Albert and Cheryl Bromwich; four grand-children; one great-grandchild; and a sister.

Memorial contributions may be made to the Philadelphia County Dental Society Scholarship Fund, One Independence Place, 241 S. Sixth St. No. C3101, Philadelphia, PA 19106-3797.

**Mr. Qualls, GSFA**

George W. Qualls, emeritus professor of architecture, died on May 12, at the age of 77. Professor Qualls, he came to Penn as a professor of Architecture in 1952 and continued his affiliation until he retired in 1990. A partner in the firm of Geddes, Brecher, Qualls & Cunningham, Mr. Qualls and his firm designed the Moore School in 1956. He designed buildings throughout Philadelphia including the Police Administration Building (Roundhouse) the Wyndham Philadelphia at Franklin Plaza and the SmithKline office building also in Center City. Professor Qualls’ work also included design of the Birmingham-Jefferson Civic Center in Birmingham, Alabama and renovations to the Philadelphia Museum of Art.

He received his bachelor’s degree in architecture from North Carolina State University in 1950 and his masters from Harvard in 1952. Professor Qualls also served in World War II at the Battle of the Bulge and received a Purple Heart.

**Dr. Snow, Medicine**

Dr. Laurence H. Snow, a former clinical professor of psychiatry at Penn, died on May 4 at the age of 68. Dr. Snow received his bachelor’s degree from Harvard and his medical degree from Temple in 1956. After serving in the Navy he completed his residency in 1962 at UPHS and taught at Penn from 1979 to 1984. He taught at the Medical College of Pennsylvania where he founded and directed the graduate program in social sciences through 1978.

He is survived by his wife, Carol Scholz Snow; sons Jack K. and William G.; and two granddaughters.

---

**Information Partnership (continued from page 1)**

the “finest collection in the world of Shakespeare facsimiles,” said Vice Provost and Director of Libraries Paul Mosher.

The Alumni and Friends Library portal, www.library.upenn.edu/portal, has links to millions of full-text articles provided through arrangements made by Northern Light Technology which has negotiated for more than 7,100 magazines, journals and newspapers. Eighty percent of the results are free; there is a cost, from $3-5, to purchase some articles, with a money-back guarantee.
The Philadelphia region’s built environment. The organization recognized that, “Rather than construct a Victorian-era housing stock.” The organization was cited as “a potent force for historic preservation, both on campus and in its surrounding residential neighborhoods.” Penn’s “West Philadelphia Initiatives,” launched by President Judith Rodin when she became University President in 1994, is resulting in restoration of historic buildings throughout University City’s eight National Register of Historic Districts. Over 175 families have enjoyed University housing subsidies for faculty and staff, resulting in widespread improvements to West Philadelphia’s Victorian-era housing stock.” The organization also recognized that, “Rather than construct a new building for a campus center, Penn stitched together historic buildings into the new Perelman Quad, resulting in the beautiful restorations of Irvine Auditorium and Houston Hall. Penn’s overall preservation achievements have significantly improved the character of its campus, benefiting the entire city.” This is the eighth year the Preservation Alliance Achievement Awards were presented for achievements in restoration and preservation in the Philadelphia region’s built environment.

**SEAS Staff Recognition Award**

“In recognition of the important role that staff play in supporting faculty, students and the goals of the School of Engineering and Applied Science,” SEAS established the Staff Recognition Award. The award recognizes non-faculty employees who contribute in an extraordinary way to achieving the aspirations of the School and who inspire excellent performance from others. This year’s award went to Terry Kientz of the Department of Mechanical Engineering and Applied Mechanics (MEAM). Mr. Kientz is an electronics engineer who began his career at SEAS in September 1997, and in a rather short time has taken on numerous and varied responsibilities. Faculty have commented on Mr. Kientz’s versatility and creativity in the design and fabrication of electromechanical systems and in the use of micro-processors for both data acquisition and control. As reported by the Award Committee, overwhelmingly positive support letters for Mr. Kientz’s nomination were received from many students, faculty and staff. Dr. John Bassani, Chair of the Mechanical and Applied Mechanics Department, said “Terry is a truly creative and resourceful person who likes to work with others. He is always willing and eager to help, and he welcomes new challenges. He took on this job when an employee of 15 years left for a new opportunity—Terry hit the ground running and hasn’t stopped since!”

**Miller Center Fellowship**

Margaret Pugh O’Mara, a graduate student in history, has received the 2001 Miller Center Fellowship in contemporary politics, policy and political history for Cities of Knowledge: Cold War Politics and the Roots of the Information Age. Mr. O’Mara’s research explores how increased federal spending on higher education and scientific research, spurred by Cold War politics, transformed major U.S. metropolitan areas by encouraging high-technology, high-skill employment sectors. The Miller Center Fellowship is from the University of Virginia’s Miller Center of Public Affairs and awards each fellow a one-year grant to support writing and research in American political development.

**Carnegie Fellow: Dr. Smith**

Dr. Rogers Smith, the Christopher H. Brown Professor of Political Science, has been named a Carnegie Scholar. Dr. Smith is one of 16 fellows who were recognized for their innovative scholarship in areas of interest to the Carnegie Corporation of New York. Dr. Smith’s research topic is Civic Horizons: Achieving Democratic Citizenship in Modern America.

“We want to encourage and support scholars of vision who ask the tough questions, analyze the intractable problems facing the country and the world and seek to find new ways of stimulating positive social change that advance our goals,” said Dr. Vartan Gregorian, president of the Carnegie Corporation. Dr. Gregorian inaugurated the Scholars program in 1999 with the aim to support path-breaking research that expands the intellectual margins of the Corporation’s program areas.

**Two Gates Recipients**

Amanda Codd, C’01, biological basis of behavior with a minor in chemistry, and Bart Szewczyk, W’01, finance and legal studies, have received the inaugural Gates Cambridge Scholarship for study at the University of Cambridge. The scholarships are for a tenure of one to three years at the University of Cambridge. The scholarship program is funded through the Bill & Melinda Gates Foundation.

**Mellon Scholar**

Sophia Malamud, C’01, linguistics and mathematics and a University Scholar, has received an Andrew W. Mellon Fellowship in Humanistic Studies. The fellowship provides one-year of graduate study in the Humanities, including a stipend, tuition and fees.

**Beinecke Scholar**

Yaran Noti, C’02. English, has received the Beinecke Brothers Memorial Scholarship. He is one of 20 winners in the national competition. Under the scholarship, Mr. Noti will study Medieval or Renaissance literature as part of his graduate studies.

**Jane Wallace Scholarship**

Gabriella Ianoade, C’02, and Alison Fair, C’02, have been selected to receive 2001 Jane Wallace Memorial Theatre Internship Scholarships. The scholarships will provide for financial support allowing Ms. Ianoade and Ms. Fair to pursue professional theatre training and apprentice programs for the summer of 2001. The Wallace award was established in 1989 by George Wallace ’39 in memory of his wife Jane, whom he met at a Pennsylvania Players audition.

**Levi Travel Fellowships**

The William A. Levi Travel Fellowships, based on merit and financial need, are awarded to outstanding Penn students to participate in one of Penn’s non-Western-European programs as part of the Summer Abroad Program. This year’s winners are:

- Jamie Osnato, C’02, to Buenos Aires.
- Shaun Gonzales, C’03 to India.
- Margaret Watt, C’02 to Seoul.

**More Fulbrights…**

Veronica Aplee, a graduate student in Folklore and Folklife for Islands of Confinement will study in Slovenia.

**University Symphony to Beijing**

Seventy members of the University’s Symphony Orchestra, under conductor Ricardo Averbach, performed with the Beijing Opera performer Sun Ping in Beijing. Both performances were part of the second “Meet in Beijing” Arts Festival on May 27 and 28.

On May 30, the Orchestra will perform at the Chinese University of Hong Kong. The Chinese University of Hong Kong and Penn maintain strong relations through joint academic programs.
University Research Foundation Awards Spring 2001

Sherrill Adams, Biochemistry, Dental Medicine: Retinooids as Integrators of Positive and Negative Regulation of Endochondral Bone Formation
Richard Feldstein, Pharmacology, Medicine: Quantitative PCR in Molecular and Cellular Pharmacology
Rita Barnard, English, SAS: Postapartheid South Africa and Postcolonial Theory
David Boettiger, Microbiology, Medicine: Genetic and Biophysical Analysis of Fractalike CXCR1 Mediated Cell Adhesion
Gershon Buchsbaum, Bioengineering, SEAS: Independent Component Analysis of Auditory Visual Scenes and its Possible Neural Context
John Crawford, Psychology, SAS: Neural Analysis of Communication Sounds
GregEnders, Medicine, Genetics, Medicine: Bridging the Gap: Cdk2 Links DNA Synthesis and Mitosis in Human Cells
Steven Fakharzadeh, Dermatology, Medicine: Genetic Analysis of Disorders Predisposing to Basaloid Skin Tumors
Peter Geshwind, Chemistry and Biophysics, Medicine: Thermodynamics and Mutational Analysis of the NHPX-RNA Interaction
Feng Gai, Chemistry, SAS: Conformational Dynamics of Single Protein Molecules
Gautam Ghosh, Anthropology, SAS: Nation, Migration, Diaspora: Population Displacement in South Asia
Andrea Grottoli, Earth & Environmental Science, SAS: Sclerosponges and Paleoclimate Reconstruction
Wei Guo, Biology, SAS: The Role of Cdc42 on Polarized Exocytosis
Niels Haugaard, Surgery, Division of Urology, Medicine: Regulation of Acetyl Choline Synthesis by Lipoic Acid
Joan Hendricks, Clinical Studies-Philadelphia, School of Veterinary Medicine: Neural and Genetic Substrates of Drosophila Rest
Joan Henhorm, Clinical Studies-Philadelphia, School of Veterinary Medicine: Molecular Characterization of a Canine Model of Human Nonsyndromic Deafness
Jianhua Huang, Statistics, Wharton: Time-varying Coefficient Models for Longitudinal Data
Joan Jaffe, Assistant Professor, SAS: South African Music: Text & Performance
Randall Kamien, Physics and Astronomy, SAS: Soap Froths and the Rational Design of Molecular Crystals
Grace Kao, Sociology, SAS: Gender and Ethnic Differences in Educational Achievement Among Latino and Asian American Youth
Anne Keenan, Animal and Veterinary Sciences, Veterinary Medicine: Pilot Study to Develop a Research Model of Community-based Services for Fire Survivors
Ellen Kennedy, Political Science, SAS: Jean Bodin’s ‘Other’ & the Legal Theory of the State
Daniel Kessler, Cell and Developmental Biology, Medicine: Transcriptional Repression by FoxD3 and the Formation of Embryonic Mesoderm
Paul Korshin, English, SAS: The Conversation of Samuel Johnson and the Johnsonian Apocrypha
Marisa Kozlowski, Chemistry, SAS: Efficient Methods of C-C Bond Formation: Oxidative Coupling of Stabilized Anions
Igor Kratskin, Otolaryngology: Head and Neck Surgery, Medicine: A Paraffin Embedding System for Otolaryngology Research
Jacqueline Kreutzer, Pediatrics, Division of Cardiology, Medicine: Assessment of Ventricular Function in Patients with Congenital Heart Disease
Rahul Kumar, Philosophy, SAS: Contractualism and the Contours of Commonsense
Langacker, Physics and Astronomy, SAS: The Interface of Theory and Experiment in Elementary Particle Physics
Elizabeth Lautenschlager, Medicine, Medicine: Multiplex PCR Technology in the Detection of Antimicrobial-Resistant Staphylococcal Bloodstream Infections
Michael Marks, Pathology & Lab. Medicine, Medicine: An Immunofluorescence Microscopy Imaging System for Studying Membrane Targeting and Sorting Events in Cellular Trafficking and Signaling
David Meaney, Bioengineering, SEAS: Construction of a High-throughput Screening System for Studying the ‘Molecular Fingerprints’ of Growth and Repair in Single Cells of the CNS
Karen Meaney, Assistant Professor, SAS: African Music: Text & Performance
Shukunthala Narasimhulu, Surgical Research, Medicine: Coupling Mechanism in Cytochrome P450
Sean Nicholson, Health Care Systems, Wharton: The Impact of Managed Care on the Delivery of Medical Care
Trevor Penning, Pharmacology, Medicine: Matching Funds For a Stopped-Flow Spectrometer
Peter Petrini, Medicine, Pulmonary, Allergy and Critical Care Division, Medicine: Role of ICOS in T Cell Interference-gamma Production and Activation
Pedro Ponte-Castaneda, Mechanical Engineering & Applied Mechanics, SEAS: From Individual to Collective Behavior in Biological Systems
Anna Rogers, Adult Health & Illness, Nursing: Does a Wrist Actigraph Accurately Record the Sleep/Wake Patterns in Patients with Narcolepsy?
David Roos, Biology, SAS: Leica Microscope Shutter for Rapid and Efficient Acquisition of Multi-Color Fluorescence and Phase Contrast Images
Maurice Schweitzer, Operations and Information Management, Wharton: The Influence of Affect on the Decision Deception Process
Dan Slaughter, Dental Care Systems, Dental Medicine: Determinants of Preventive Oral Health Behaviors Among Community Dwelling African American Elderly in an Urban City
Paul Sniegowski, Biology, SAS: The Unexplored Biology of a Major Model Organism: Natural Population Studies of Saccharomyces Cerevisiae and its Sibling Species S. Paradoxus
Marilyn Stringer, Nursing: Homecare for Women with Preterm, Premature Rupture of Membranes-Outcomes & Cost
Kathleen Sullivan, Pediatrics, Medicine: Immunologic Senescence in Chromosome 22q11.2 Deletion Syndrome
Gabriel Szulanski, Management, Wharton: Global Growth Through Replication
Kathleen Treseder; Ralph Cicerone; Kelly Redeker, Biology, SAS: Alterations in Emissions of Ozone-depleting Gases by a Widespread Group of Soil Fungi in Response to Anthropogenic Global Change
Robert Vitalis, Political Science, SAS: Political Science as Mission: Rebirth of a Discipline in American-Occupied Germany
Patrick Walsh, Chemistry, SAS: BINOL-Based Catalysts for Asymmetric Synthesis
Susan Weiss, Microbiology, Medicine: Murine Coronavirus-Induced Hepatitis: An Animal Model of Viral Hepatitis
Yu-Sheng Zheng, Operations and Information Management, Wharton: Overreaction in Supply Chain Management: Effects and Correction Strategies

Research Foundation Committee 2001-2002 Fall Cycle 2001

Applicants are to submit all inquiries to the Office of the Vice Provost for Research or the panel chair. For new Research Foundation Guidelines see www.upenn.edu/research/FoundationGuidelines.htm.

Biomedical Review Panel
Roland Kallen, (Chairperson) Professor, Biochemistry/Biophysics
Linda Brown, Professor, Nursing
Wafik El-Deiry, Associate Professor, Hematology-Oncology
Mamta Bhargava, Assistant Investigator, Howard Hughes Medical Institute
Lois K. Evans, Associate Professor, Nursing
Director, Academic Nursing Practice
Alan Gewirtz, Professor, Hematology-Oncology
Professor, Pathology and Laboratory Medicine
Howard Goldfine, Professor, Microbiology
Gregory Guild, Associate Professor, Biology
Asst. Chair, Biology
Linda Oredsson, Associate Professor, Oral Medicine
Division of Radiology
Mortimer Poncz, Professor, Pediatrics
Martin Pring, Associate Professor Physiology
Asst. Professor, Biochemistry & Biophysics
Robert Ricciardi, Professor, Microbiology School of Dental Medicine
Lynn Schuchter, Associate Professor, Hematology-Oncology
J. Sanford Schwartz, Professor Medicine, Proffessor Health Management & Economics
Joseph Spear, Professor, Physio Animal Biology
Head, Physiology Labs, Vet.
John H. Wolfe, Professor of Pathology and Medical Genetics
Director, Center for Comparative Medical Genetics
Humaitities Review Panel
Thomas Saflay, (Chairperson), Associate Professor and, Graduate Group Chairman, History
Stephen Dunning, Professor and Chairman, Religious Studies
Julie Fairman, Assistant Professor, Nursing
Gary Hatfield, Professor, Philosophy
Michele Richman, Associate Professor, Ro-

mance Languages
Natural Science and Engineering Review Panel
Eric Weinberg, (Chairman), Professor, Biology
Mirjam Cvetic, Professor, Physics
Nader Engheta, Professor, Electrical Engineering
Robert Giegengack, Professor, Geology
Pozzy Lu, Professor, Chemistry
David Luzzi, Associate Professor, Materials Science and Engineering
Virginia Richards, Professor, Psychology
Social Science and Management Review Panel
Vivian L. Gadsden, (Chairperson), Associate Professor, LED, GSE
Director, NCOFF
Alan Heston, Professor, Economics, and  SARS Francis Johnston, Professor, Anthropology
Mark Stern, Professor, School of Social Work
Jerey Wind, Lauder Professor and Professor, Marketing
Director, SEI Center
Detecting Proteins with IDAT

They say that tension is bad for the nerves, but it turns out that a little applied tension might be good for nerve cells. Researchers at the Medical Center have been able to grow nerve cells, or neurons, by stretching them—offering a new means of bridging damaged areas of the nervous system. Using a motorized device to slowly pull connected neurons away from each other, Penn researchers have discovered that the connecting nerve fibers, called axons, grow longer in response to the strain. In addition, the researchers have grown these elongated nerve fibers directly on a dissolved membrane, ready-made for transplant. Their discovery is published in April’s *Tissue Engineering*—“Most studies have examined axon growth in terms of how axons sprout from one neuron and connect to another. But there is an equally important form of axon growth that has been overlooked, the growth of axons in terms of the growth of the entire organism,” said Dr. Douglas Neuhuber, the researcher on the project and associate professor of neurosurgery. “In a way, stretching is akin to how nerve cells grow in developing children—as they get taller their axons get longer.” These findings, which have evolved from Dr. Smith’s ongoing research into how neurons and their environment, also represent a departure from other methods of restoring neural pathways in spinal cord injuries by bridging over damaged tissue. “Once somebody’s nervous system is already formed, further outgrowth could cause mass confusion, so the body actively produces chemicals that stop axon growth,” said Dr. Smith.

Stretching Neurons Induces Growth

Another author, Dr. Catherine A. Forster, another of the paper’s five authors, a 1992 Penn graduate who did fieldwork with Dr. Dodson in Montana for several years, is now a postdoctoral researcher at the Field Museum of Natural History in Chicago. Another author, Dr. Catherine A. Forster, a doctoral student under Dr. Dodson, receiving her Ph.D. in 1990. She is now associate professor of anatomy at SUNY at Stony Brook.

Plant Genes: Less Pesticides

Penn biologists have identified the first gene known to mediate the maturation of plants from a juvenile stage to adulthood. The discovery could lay the foundation for crops that repel pests by mimicking developmental differences between younger and older plants, reducing farmers’ reliance on pesticides while sidestepping the controversy surrounding produce engineered with the addition of genes from other species. The work is detailed in the March 23 issue of *Science*.

While versions of the new-found gene appear in species from yeast to humans, the findings represent the first demonstration of function in a higher organism, in this case the plant *Arabidopsis thaliana*. The gene, called *squint* because it halts secondary growth, elongated leaves resemble squinting eyes, is believed present in all flowering plants, including such valuable crops as corn, tomatoes and soybeans. Capitalizing on the natural morphological and biochemical differences that characterize these crops at different stages of development could further curtail pesticide use, said lead author Dr. R. Scott Poethig, while avoiding the highly contentious practice of importing genes from other species, conventionally known as genetic engineering. “Many pests find either juvenile or adult plants unpalatable, so tinkering with the genes that control plant development could render crops uninviting,” said Dr. Poethig, a professor of biology in the Plant Science Institute. For example, Dr. Poethig said, mature leaves on corn and rice plants are more resistant to pests than their more tender counterparts. And only the juvenile, lowermost branches of birch, willow and aspen trees found in Arctic regions are distasteful to the snowshoe hares that might otherwise graze on them. “Mutations like *squint* allow you to use a plant’s natural resistance to disease, and other natural characteristics that set the stage for development, in different ways,” he said. “Instead of introducing a foreign gene from another species, one should be able to isolate mutations in *squint*-like genes that cause a normal, desirable trait to be expressed at a different time in development.” *Squint* encodes the protein Cyclinophilin 40 (CyP40). CyP40’s biochemical function is already known—in human beings, it’s part of a complex that blocks receptors for hormones like estrogen and progesterone—but its physiological role in higher organisms has remained a mystery. Dr. Poethig’s work with plants mutant in *squint* indicates that CyP40 affects secondary characteristics of adult plants, like the shape and biochemical properties of leaves, but not sexual maturation or flowering. The very first leaves that appear on a *squint* mutant are toothed and angular, like maturationally immature and rounded like juvenile leaves. The timing of sexual maturity and flowering, though, is not affected. Dr. Poethig’s co-authors are Tanya Z. Berardini, Krista Bollman and Hui Sun, all of Penn’s Plant Science Institute. The work was funded by the NIH and the NSF.
Upcoming Inventory of Moveable Equipment

To comply with Federal requirements, the University will begin conducting a building-by-building review of the University movable equipment beginning the first week of June.

The professional services firm of American Appraisal Associates (AAA) will perform the physical inventory and tagging of Penn’s moveable assets with an acquisition cost greater than $5,000. The inventory is expected to be conducted by room basis throughout 150 university buildings that support organized research, administration, and instruction and service activities. Residences, Dining and Athletics will be excluded from the project. We anticipate AAA staff to be on campus for approximately two months.

The purpose of this review is to meet the Federal Administrative Requirements for Grants (A110 and A21 requirements) that mandates that the University must maintain:

1) Accurate property records to support the depreciation component of our Facility and

2) A comprehensive and accurate property record system.

The review will also provide up-to-date information for financial statement presentations. To support this endeavor, we ask that you extend your full cooperation and provide access to the physical area(s) under your purview. We also ask that you consider notifying relevant members about any subject equipment assets that are located away from campus, or which may be locked within cabinets. If you have any concerns relative to access sensitivity within your area(s), please contact Bob McCann at mccann@pobox.upenn.edu or Gregory Tausz at tauszg@pobox.upenn.edu to arrange a more specific and suitable means to complete your area.

—Craig R. Carnaroli, Vice President for Finance and Treasurer

Pre-tax Expense Account Reminder

Reimbursements from the Health Care and Dependent Care Pre-Tax Expense Accounts for the Plan Year July 1, 2000 to June 30, 2001 will be based on receipts for expenses incurred during that period. Expenses are considered incurred on the day the service is provided, not in the month of the service. Expenses are considered in the month during which the service is paid. Expenses are considered paid in the month of the EOB when you submit it to your provider. We appreciate your cooperation and encourage you to forward the EOB when you receive it from your provider by the September 30 deadline. Expenses are considered incurred in the month the service is furnished, not in the month of the service. Expenses are considered incurred in the month during which the service is paid. Expenses are considered paid in the month of the EOB when you submit it to your provider along with your Explanation of Benefits (EOB) along with your reimbursement request to EBS, Penn’s pre-tax expense account administrator. Note that because September 30, 2001 falls on a Sunday, EBS will accept submissions postmarked by October 1, 2001.

Keep in mind that for services that are partially covered by a health plan, you must submit an Explanation of Benefits (EOB) along with your reimbursement request. If you have not received your EOB from your provider by the September 30 deadline, you must still file your claim by September 30, and then forward the EOB when you receive it (note on your claim form that you are waiting for your EOB, which you will submit upon receipt). If you have any questions, please contact EBS at 1-888-736-6359.

—Division of Human Resources

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 May 14 through May 20, 2001. Also reported were 31 Crimes Against Property: (including 24 thefts, 5 burglaries and 2 vandalism). Full reports on the Web (www.upenn.edu/almanac/v47/n33/crimes.html). Prior week’s 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 May 14 and May 20, 2001. 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.

13 incidents and 3 arrests (including 6 robberies, 5 aggravated assaults and 2 rapes) were reported between May 14 and May 20, 2001 by the 18th District covering the Schuylkill River to 49th Street and Market Street to Woodland Avenue.

18th District Report

13 Incidents and 3 Arrests (including 6 robberies, 5 aggravated assaults and 2 rapes) were reported between May 14 and May 20, 2001 by the 18th District covering the Schuylkill River to 49th Street and Market Street to Woodland Avenue.

05/19/01 12:56 AM 3700 Chestnut St Male observed striking complainant/Accost

Disorderly female cited

The University of Pennsylvania values diversity and seeks talented students, faculty and staff from diverse backgrounds. The University of Pennsylvania does not discriminate on the basis of race, sex, sexual orientation, religion, color, national or ethnic origin, age, disability, or status as a Vietnam Era Veteran or disabled veteran in the administration of educational policies, programs or activities; admissions policies; scholarship and loan programs; and employment. Questions or complaints regarding this policy should be directed to Valamer Hayes, Executive Director, Office of Affirmative Action, 3600 Chestnut Street, 2nd floor, Philadelphia, PA 19104-6106 or (215) 898-6993 (Voice) or (215) 898-7863 (TDD).

CLASSIFIEDS

PROPERTY INSPECTION

Need Home Repairs? Your insurance company could owe you thousands of dollars. Do you have any of the following problems in your home: leaky roofs, water stains, fire, broken hot water heater, plumbing overflows, cracked ceramic tile, theft, vandalism, power surges, leaks, broken siding, etc., Claims denied by your insurance company? Call me for a free no obligation, preliminary evaluation & property inspection. Call Lisa Smith, Licensed & Bonded Public Adjuster (215) 688-4180. An advocate for the owner of residential and commercial property.


FOR RENT

Sublet for Academic Year 2001-2002 in Swarthmore. Two-bedroom carriage house apartment available for sublet academic year 2001-2002. Ideal for alumni, visiting faculty, and other compulsive vacuumers. Five blocks from Swarthmore campus, walking distance to train. A/C, washer/dryer, garage, nice neighbors, quiet, large yard. No pets or smoking, please. $655 per month + utilities. Contact Sara Hiebert at shiebert@swarthmore.edu or (610) 328-8053.

THERAPY


CLASSIFIEDS—PERSONAL

RESEARCH

Do you have high cholesterol? Doctors at Penn are launching a novel new research study looking at two well-known cholesterol lowering agents. The study involves several visits to the Hospital of the University of Pennsylvania. If you have elevated cholesterol levels and are not currently taking any lipid-lowering medications, and think you might be interested in this study, please contact David Bereczi at bereczih@mail.med.upenn.edu or (215) 662-9040. Compensation is provided.

Expanding neck and shoulder pain for three months or more? You may be eligible for a study at the UPenn Pain Medicine Center involving free Botox injections. Call Lisa Bearn at (215) 662-9040.

Volunteers for Study: We are currently looking for patients who have a medical condition that requires daily anti-inflammatory medications to participate in a research study. If you are at least 18 years of age and require daily anti-inflammatory medication you may be eligible to participate. If you qualify you will receive free medical exams and treatment. Participants will be reimbursed for time and transportation costs. For more information please call Julie Ann Stark at (215) 573-1865.

Volunteers Needed Early Menopausal women bone density research study The University of Pennsylvania Health System seeks volunteers for a study of bone density medical research study. If you meet the following description, you might be eligible to participate: Female, ages 45-55, no menopausal periods during the past six months. Volunteers will be compensated for their involvement. Contact Helen Peachey at (215) 898-5863.

To place a classified ad, call (215) 898-5274. Almanac is not responsible for contents of classified ad material.

Almanac Schedule

Almanac will publish hard copy editions on:

May 29—final spring semester issue
July 17—mid-summer issue
September 4—first issue of fall semester; August 14 is the deadline for September AT PENN calendar; August 21 is the deadline for the issue.

Almanac will also send an e-mail to Express Almanac subscribers when news is posted to Almanac Between Issues during the summer. —Ed.
The rainy weather didn’t dampen the spirits of the Class of 2001 as they gathered on Franklin Field last Monday for Commencement, amid a colorful sea of umbrellas. Above, the message is clear on the thirty-foot, computer-controlled, semi-autonomous blimp prototype created by undergraduate engineering students, led by Michael Grani, E’01 and Benjamin Tang, E’01. The STWing blimp project drew upon the expertise of computer science, electrical and mechanical engineers, as well as Wharton students and students in the College.

Thousands of graduates, their friends and families gathered to hear the Commencement Speaker Sen. John McCain (see supplement for his speech). He, along with five others received honorary degrees. President Judith Rodin, at the podium on the new stage which had monitors with closed captioning.

At left, President Rodin and Sen. McCain (seated) are joined indoors by Peter Doherty, Elizabeth Plater-Zyberk, Daniel Kahneman, Trustees Chairman James Riepe, Ruth J. Simmons, and Andrés M. Duany for the annual group portrait of Penn’s honorary degree recipients and their hosts, without Ben on the Bench.
I am grateful for the opportunity to greet the Class of 2001. I commend each and every one of you. Since this service is a baccalaureate, let’s see if we might be able to glean from a particular passage of scripture some understanding of what I think you need as you go out into the world from here and begin to live out all of the greatness that is personified by it and the education you have attained.

The credentialling that you carry by virtue of the fact that you have its degree and you will go into a world now where change is constantly occurring. I would like to speak from the topic: proving your greatness and use for this, the 17th chapter of Joshua, the 14th and 15th verses. In it there are people who stand before Joshua and have led his people into the promised land. If you stand before him, they come with a complaint. And they come before him with that complaint saying unto him, why hath thou given me but one line of one portion of inheritance seeing that I am a great people, for as much as the Lord has blessed me hither to? And Joshua answered them, if thou be a great people then get thee up to the wood country, cut down for thyself the land of the Perizzites and the giants if Mount Ephraim be too narrow for thee. In this text one of the things that we realize is that often times we make decisions about our lives. Those things that will guide us and direct us, built upon perceptions and assumptions of a particular time frame.

Many of us who are standing here today can testify that what we thought when we entered into our college years was different at the time of our graduation. The way the world was in the time of our entry was different in the time that we came out. All of us have learned how to live with paradigm shifts and often times our inability to make the natural adjustments and change perceptions to deal with the reality of the world as it is, as opposed to the way it was, causes us to lose a bit of our faith, a sense of direction and purpose. We lose our focus. We are challenged to such a degree that we dare to believe that perhaps these have been wasted years—that the time that we have come into this arena, things have happened so rapidly that we are not prepared to make the change. May I say to you today that change is a part of life and we make decisions about how we deal with those changes. We either deal in reactive ways or by being proactive. We think about what we want to be, what we want to do. We think about greatness as merely having received the necessary tools, the equipment, the degree, that says we have received a body of knowledge and now have the capability to go to the world and to communicate.

And yet, in a changing world where the paradigm is shifted, to whom are we communicating? No longer are we able to go into the environments where we thought we’d be functioning. The professions that we thought showed so much promise for us, now we see that those professions have changed. We thought we’d be going to the Internet-e-commerce community, only to see now that because of paradigm shifts that we were turned upside down.

The opportunities that were available four years ago are no longer available now. How do we handle it? Do we handle it by understanding, by faith? We do have the capability to overcome because not only did we get a degree that symbolizes mere knowledge in a particular field, it also symbolizes that we have a body of knowledge and a capability and skill for the necessary adjustments to be able to function in a world that is even changing before our eyes. We have to be first to adjust them to the realities of a community that did exist before they moved there, immediately following white flight. They made a determination that their best hope was to leave that community and go to the suburbs. My challenge to them is not to move to the suburbs but let’s make the suburbs a part of the community where you live. Let’s make it an environment where people are comfortable not only in living, but also if they have already left, coming back to. That challenge brought us to the place where we understood the necessity of building homes, buying up boarded-up properties, building our own school, redefining for people their sense of self. Giving them the understanding that if you have knowledge, if you have faith, if you have a focus, it is possible for you to turn your situation around. It is not necessary to run from it, but rather to run to it with an optimistic view that somehow within you there is the power to bring about change rather than waiting for the government to do it. My challenge was, let’s do it ourselves. The people have responded. And they now believe that they live in the promised land. And they believe so much so that they continue to make necessary investments in it. So these people stood before Joshua and said to him, “you don’t know who we are; we are a great people. We are the sons and daughters of Joseph; our ancestors include Abraham, Isaac and Jacob. If you understood who we were you would have given us more than you gave the others. Their square footage is more than ours; the ample land that you have given to them offers greater opportunities than ours. They need but go and break up the barren land; they need but plant in the fallow places and they will be able to produce crops. But the land that you gave to us is a woody place; it

(continued on page II)
BACCALAUREATE 2001

is a mountainous region and we don’t understand how we will be able to do anything with that. You could have given us a land similar to everybody else’s. You could have given us a place that was not already inherited by the giants.”

Frightened in life we face with the challenges of having to work our way through college. We have to climb the high mountains, to come to the place where we face the giants. Do we manage it by merely reacting, or do we find ourselves looking for ways to make opportunities where none seem to exist. The great challenge that you will face as young people is that there will be many mountains, there will be many wooded regions, many places where you will wonder if you have the power to overcome the giant. But your degree signifies the level of greatness. Your challenge now is to go out and to prove that you can be the leader, and so you that Franklin, the great leader, the Program of the Class of 2001 get ready for the great challenge that is yours. The paradigm has shifted and it is shifting everyday. Between now and the time you take your first job it can shift even more. But the question becomes, are you ready for this great challenge.

This great challenge will not be met by merely racializing, politicizing and personalizing every issue. It’s time to rise beyond the level of those things that separate us and come to an understanding of what brings us together. We must become more accountable. We must move beyond our discouragements, our disappointments. We must stop merely complaining about what we don’t have and begin to look at the opportunities that are available to us; look at ourselves in relationship to those who do not have; and then challenge ourselves to be more responsive to their needs. When we do that, we will have the kind of nation—we will have the kind of people—who will be able to stand on their ground of faith not merely declaring it another Martin Luther King celebration but we will join hands together and we will join, not based upon who is beside us, but understanding that whoever is beside us is our brother and whoever is beside us our sister and no longer will the refrain be “We Shall Overcome”—we shall overcome. You will indeed demonstrate to the rest of the world that we are a great people.

So, to the Class of 2001, go out to the barren places, go to the mountainous regions, go to the places where the giants already inhabit—and conquer. When you have conquered, stand up on the strength of a faith that says that my faith, my focus is so in order I am so in tune with the reality of who I am and who I intend to be, that there is no force in the world that can keep me from becoming greater. If the barriers are there—I can overcome them, I can go around them, I can go through them, I can go under them, but by God—I am determined to prove my greatness. God bless you and may the Lord be with you.

Baccalaureate Address by President Judith Rodin, May 20, 2001

Grads of the Class of 2001, families, friends, deans, members of the faculty, Reverend Flake, and all honored guests: tomorrow, a group of extraordinary young men and women will take the field named for Benjamin Franklin to claim the prize they have worked so hard to earn: A degree from the University of Pennsylvania.

Grads, you have cleared the highest academic hurdles and met the most exacting standards to get that sheepskin. Now it is degree from the University of Pennsylvania.

What a journey it has been! Four years ago, you arrived at Penn from so many different places and backgrounds. You brought with you different tastes, convictions, standards, skills, attitudes, politics, and personal goals.

For the next four years, you would have the unique experience—and the extraordinary challenge—of living in the most dynamically diverse community you could possibly imagine.

You definitely have made the most of this unique opportunity. You learned to live skillfully at Penn by forming alliances with your colleagues and making common cause with one another, harnessing and harmonizing your different skills and beliefs to pursue your common goals. Time and again, you pulled together, even when the wind of course work and force of events could have driven you apart.

When I think about your experiences over the past four years, I am reminded of historian Joseph Ellis’ descriptions of the Founders in his Pulitzer Prize-winning book, Founding Brothers.

When it comes to can-do collaborations, our Wharton students are also up there with the best of the best. While they are known for the imaginative ways they sharpen their capitalistic tools, Wharton students also invest their time and energy in numerous humanitarian enterprises.

To strengthen the links between Penn and the community, a Wharton senior founded Penn Students for Cancer Awareness. This group has developed outreach programs that stress peer counseling and education. At the same time, a dedicated band of Whartonites volunteer to bring cultural and support to patients at Penn’s Cancer Center.

Finally, when I think of our seniors from the College, I recall the painful struggle to find world peace. Little did I imagine that so many outstanding students would accept this challenge and run with it.

Some of you in the College have worked to bridge the digital divide by building a computer lab in Tanzania. Some of you tapped into the powerful universal language of music to bridge cultural divides when you organized a combined conference and concert on Islam and the Globalization of Hip Hop.

I am extremely proud of you, Penn’s Millennial Class. God bless you all.
Thank you . . . Thank you distinguished faculty, families and friends, and thank you University of Pennsylvania Class of 2001. The invitation to give this commencement address is a great honor for someone who graduated fifth from the bottom in the United States Naval Academy Class of 1958. To stand here, in full academic regalia, and address an audience of distinguished academics and their learned students has reaffirmed my long held faith that in America anything is possible.

If my old company officer at the Academy were here, whose affection for midshipmen was sorely tested by my less than exemplary behavior, I fear he would decline to hold Penn in the high esteem that I do.

Nevertheless, I want to join in the chorus of congratulations to the Class of 2001. This is a day to luxuriate in praise. You have earned it. You have succeeded in a demanding course of instruction from an excellent university. Life seems full of promise. Such is always the case when a passage of life is marked by significant accomplishment. Today, it must surely seem as if the world attends you.

But spare a moment for those who have truly attended you so well and for so long, and whose pride in your accomplishments is even greater than your own—your parents. When the world was looking elsewhere, your parents’ attention was one of life’s certainties. And if tomorrow the world seems a little more indifferent as it awaits new achievements from you, your families will still be your most unerring source of encouragement, counsel and often—since the world can be a little stingy at first—financial support.

So, as I commend the Class of 2001, I offer equal praise to your parents for the sacrifices they have made for you, and for their confidence in you and love. More than any other influence in your lives, they have helped make you the success you are today, and might become tomorrow.

I thought I would show my gratitude for the privilege of addressing you by keeping my remarks brief. I suspect that some of you might have other plans for the day that you would prefer to commence sooner rather than later, and I will try not to detain you too long.

It is difficult for commencement speakers to avoid resorting to clichés on these occasions. Or at least, I find it difficult. Given the great number of commencement addresses that are delivered every year by men and women of greater distinction, greater insights and greater eloquence than I possess, originality proves to be an elusive quality.

One cliché that seems to insist on my attention is the salutation “leaders of tomorrow,” which is probably uttered hundreds of times by speakers addressing graduating classes from junior high schools to universities. In a general sense, it is an obvious truth. You and your generational cohorts, after all, will be responsible for the future course of our civilization, and, given America’s profound influence in the world, much of the course of human events in your time. But will you specifically, with all the confidence and vitality that you claim today, assume the obligations of professional, community, national, or world leaders? I’ll be damned if I know. I’m not clairvoyant, and I don’t know you personally. I don’t know what you will become. But I know what you could become. What you should become.

America is still a land of unlimited opportunities, and American citizenship confers advantages, no matter one’s socio-economic status, that are the envy of people from every other country on earth. Moreover, no matter the circumstances of your birth, the very fact that you have been blessed with a quality education from this prestigious university gives you an enormous advantage as you seek and begin your chosen occupations. Whatever course you choose, absent unforeseen misfortune, success should be within your reach. You are members of an elite group, but, of course, this is a democracy, and leaders are not exclusively chosen from among our most advantaged citizens.

All of you will eventually face a choice, earlier in life than you might now presume about whether you will become leaders in our society, in commerce, industry, government, the arts, religion, the military, or any integral part of our civilization. Or will you allow others to assume that responsibility while you attempt to reap the blessings of a prosperous country without meaningfully contributing to its advancement. I very much hope you will take the first course.

Such responsibility, to be sure, is not always an unalloyed blessing to the person who chooses it. Leadership is both burden and privilege. But as
The lessons I learned as a young man and officer have sometimes helped me withstand the temptations of public life to cut a few corners here and there for the sake of ambition. And sometimes not. I wouldn’t want anyone here to be fooled into thinking that I am the example of rectitude I pretend to be to my children.

But events I have witnessed and the example of others have taught me that it is far preferable in one short lifetime to stick by truths that give more meaning to life than fame or fortune.

God grants us all the privilege of having our character and our honor tested. The tests come frequently, as often in peace as in war, as often in private as in public.

For me, many of those tests came in Vietnam. I knew no one who ever chose death over homecoming. But I knew some men who chose death over dishonor. The memory of them, of what they bore for us, helped me see the virtue in my own humility. It helped me understand that good character is self-respect, and courage and humility are its attributes.

Many years have passed since I learned that lesson. But I have not let the comforts and privileges of my present life obscure the memory of what I witnessed then. And in recent years when I have faced difficult decisions and chosen well, the choice was made easier by the memory of those who once made harder choices, and paid a much higher price for the privilege. And when I chose poorly, their example made me ashamed and left me no explanation for my failure other than my own weakness.

When I was a young man, I thought glory was the highest ambition, and that all glory was self-glory. My parents tried to teach me otherwise, as did the Naval Academy. But I didn’t understand the lesson until later in life, when I confronted challenges I never expected to face.

In that confrontation, I discovered that I was dependent on others to a greater extent than I had ever realized, but that neither they nor the cause we served made any claims on my identity. On the contrary, they gave me a larger sense of myself than I had before. I discovered that nothing is more liberating than to fight for a cause larger than yourself; something that encompasses you, but is not defined by your existence alone.

In America, our rights come before our duties, as well they should. We are a free people, and among our freedoms is the liberty to care or not care for our birthright. But those who claim their liberty but not their duty to the civilization that ensures it live a half-life, having indulged their self-for our birthright. But those who claim their liberty but not their duty to the

... (continued from page III)

(continued from page III)

of defining a course requires emphasizing some ideas within a field and de-emphasizing or ignoring others. When you were in college, you had to put up with this. Now that you are out, you can pursue those interesting ideas that came up in your reading, but were never discussed in class. In college, if it will not be on the final exam, you have to turn to put up with this. Now that you are out, you can pursue those interesting ideas that came up in your reading, but were never discussed in class. In college, if it will not be on the final exam, you have to turn to put up with this. Now that you are out, you can pursue those interesting ideas that came up in your reading, but were never discussed in class. In college, if it will not be on the final exam, you have to turn...


**ACADEMIC CALENDAR**

5/29 First Session closes.

7/2 Second Session begins.

7/10 Second session, Closing Session closes.

7/22 Move-in and registration for transfer students.

8/3 New Student Orientation.

8/9 New Student Convocation and Opening Exercises.

8/9-11 First Day of Classes.

---

**CHILDREN’S ACTIVITIES**

6/29 Story Hour; 11 a.m.; Bookstore; Info.: (215) 898-5965 or www.bkstore.com/upenn

6/30 It’s the Wolf; by Tucker’s Tales; Puppet Theatre; 10 a.m. & 11 a.m.; Free.

7/1 The Very Play and Little Red Riding Hood.

7/2 Professor Boonie’s Poncho & Judy Puppet Show; By: Terri & Feather Puppets.

7/3 Two of a Kind; interactive performance featuring songs, puppets, movement and stories.

Museum’s Summer Magic 2001: Workaday morning sessions featuring mic. dance and storytelling from around the world, and art and science programs. Summer admission (biology) $25, child (biological sciences) $20, general admission $90, adults $41. Info.: www.epscod.edu.

7/4 African Cultural Living and Performing Arts: 10 a.m. & 11 a.m.; Free.

7/5 African Music of the World’s Scribes: 10 a.m.; Free.

7/11 Native American Storytelling: 10 a.m.

7/24 History and Mystery of Egyptian Drama: 10 a.m.

7/25 The Culture of India: 10 a.m. & 11 a.m.

7/26 Arts from Around the World: 10 a.m.

2/2 Chinese Ribbon Dance: 10 a.m.

---

**EXHIBITS**

Admission Donations and Hours:

The Botany of Autumn: 9 a.m.-5 p.m.; FREE.

The Botany of Spring: 9 a.m.-5 p.m.; FREE.

The Botany of Summer: 9 a.m.-5 p.m.; FREE.

The Botany of Winter: 9 a.m.-5 p.m.; FREE.

---

**EXHIBITS**

Exhibits Admission Donations and Hours:

Museum of American History: FREE, Tues.-Fri., 10 a.m.- 5 p.m.; Sat., 10 a.m.-4 p.m.; Sun., 12 noon-4 p.m.

Museum of the American Indian: Tues.-Fri., 10 a.m.-5 p.m.; Sat., 10 a.m.-4 p.m.

Museum of Fine Arts: Tues.-Fri., 10 a.m.-5 p.m.; Sat., 10 a.m.-4 p.m.; Sun., 12 noon-4 p.m.

Museum of Paleontology: Tues.-Fri., 10 a.m.-5 p.m.; Sat., 10 a.m.-4 p.m.; Sun., 12 noon-4 p.m.

Museum of the Pennsylvania Academy of the Fine Arts: FREE, Tues.-Fri., 10 a.m.-5 p.m.; Sat., 10 a.m.-4 p.m.; Sun., 12 noon-4 p.m.

Museum of the University of Pennsylvania: Tues.-Fri., 10 a.m.-5 p.m.; Sat., 10 a.m.-4 p.m.; Sun., 12 noon-4 p.m.

Museum of World Cultures: Tues.-Fri., 10 a.m.-5 p.m.; Sat., 10 a.m.-4 p.m.; Sun., 12 noon-4 p.m.

---

**PUPPET THEATRE**

Includes admission donations and hours.

Symposium of Herpes Viruses: 10 a.m.

Dance; History and Mystery of Egyptian Sekere Ensemble: African Music of the Women’s 7/18 10 a.m.

African Culture Live and Direct: 8/12 10 a.m.

Professor Bowen’s Punch & Judy: 8/28 10 a.m.

---

**MUSEUMS**

Botany of Autumn: 9 a.m.-5 p.m.; FREE.

The Botany of Summer: 9 a.m.-5 p.m.; FREE.

The Botany of Winter: 9 a.m.-5 p.m.; FREE.

---

**THEATRE**

**Master Lecture Series**

9 a.m.-noon; $45/Students. Info.: (215) 898-1046 or www.med.upenn.edu/cme.

---

**READINGS/SIGNINGS**

---

**SPECIAL EVENTS**

---

**Music**

7/6 Tonic Five; 7:30 p.m.; Wyom Commons; free

7/8 Tonic Five; 7:30 p.m.; College Green; free

7/16 Roomful of Blues; 8:30 p.m.; College Green; $10; free for students

7/24 Bob Dylan; 8:30 p.m.; College Green; $10; free for students

---

**Talks**

---

**SHIMMY MAGIC!**

---

**Summer at Penn**

---

**Summer at Penn**

---

**Summer at Penn**

---

**Summer at Penn**

---

**Summer at Penn**

---

**Summer at Penn**

---

**Summer at Penn**

---

**Summer at Penn**

---

**Summer at Penn**

---

**Summer at Penn**

---

**Summer at Penn**

---

**Summer at Penn**

---

**Summer at Penn**

---

**Summer at Penn**

---

**Summer at Penn**

---

**Summer at Penn**

---

**Summer at Penn**

---

**Summer at Penn**

---

**Summer at Penn**

---

**Summer at Penn**

---

**Summer at Penn**

---

**Summer at Penn**

---

**Summer at Penn**

---

**Summer at Penn**
Summer Programs at Penn

Penn Summer Science Academy: 170-180 students from grades 10 to 12; academic i...; Colleen Davis;...; support of faculty mentors and experienced students.

Summer Academic Institute: 10 und...; work on ‘cutting-edge’ re...; research with faculty & graduate students. Deborah J. Hart; First-year; Jenkins; July 26-August 10.

Summer Institute for International Business Students (SSIB): 40 students; prepares participants for academic life at U.S. universities; Eva Goldman; Undergraduate Program.

Undergraduate Research Program: 10 und...; increase their ability to become...; students to teach and TA in lower...; Ruth O. Ablon; Kim Stemmer; Undergraduate Research Program.

Summer Program in Chemistry: 10 to 20...; chemical; mathematics; physics; and...; students in chemistry at...; 10-12, 9-11, 8-9 a.m.; Thursday; July 18-August 2.

Physics for Architects: 20 graduate...; apply to the Master of Architecture...; 10-11 a.m.; Thursday; July 4-August 23.

Penn Summer Institute for Pre-College Freshmen: 30 pre-frosh...; industrial design; architecture; and...; students in architecture at GSFA; Mara Goldman; Undergraduate Program.

Physics for Architects: 20 graduate...; apply to the Master of Architecture...; 10-11 a.m.; Thursday; July 4-August 23.

Summer Program in Chemistry: 10 to 20...; chemical; mathematics; physics; and...; students in chemistry at...; 10-12, 9-11, 8-9 a.m.; Thursday; July 18-August 2.

Penn Summer Institute for Pre-College Freshmen: 30 pre-frosh...; industrial design; architecture; and...; students in architecture at GSFA; Mara Goldman; Undergraduate Program.

Penn Summer Institute for Pre-College Freshmen: 30 pre-frosh...; industrial design; architecture; and...; students in architecture at GSFA; Mara Goldman; Undergraduate Program.

Penn Summer Institute for International Business Students (SSIB): 40 students; prepares participants for academic life at U.S. universities; Eva Goldman; Undergraduate Program.

Summer Institute for International Business Students (SSIB): 40 students; prepares participants for academic life at U.S. universities; Eva Goldman; Undergraduate Program.

Undergraduate Research Program: 10 und...; increase their ability to become...; students to teach and TA in lower...; Ruth O. Ablon; Kim Stemmer; Undergraduate Research Program.

Summer Program in Chemistry: 10 to 20...; chemical; mathematics; physics; and...; students in chemistry at...; 10-12, 9-11, 8-9 a.m.; Thursday; July 18-August 2.

Physics for Architects: 20 graduate...; apply to the Master of Architecture...; 10-11 a.m.; Thursday; July 4-August 23.

Summer Program in Chemistry: 10 to 20...; chemical; mathematics; physics; and...; students in chemistry at...; 10-12, 9-11, 8-9 a.m.; Thursday; July 18-August 2.

Penn Summer Institute for Pre-College Freshmen: 30 pre-frosh...; industrial design; architecture; and...; students in architecture at GSFA; Mara Goldman; Undergraduate Program.

Summer Program in Chemistry: 10 to 20...; chemical; mathematics; physics; and...; students in chemistry at...; 10-12, 9-11, 8-9 a.m.; Thursday; July 18-August 2.

Physics for Architects: 20 graduate...; apply to the Master of Architecture...; 10-11 a.m.; Thursday; July 4-August 23.

Summer Program in Chemistry: 10 to 20...; chemical; mathematics; physics; and...; students in chemistry at...; 10-12, 9-11, 8-9 a.m.; Thursday; July 18-August 2.

Penn Summer Institute for Pre-College Freshmen: 30 pre-frosh...; industrial design; architecture; and...; students in architecture at GSFA; Mara Goldman; Undergraduate Program.

Summer Program in Chemistry: 10 to 20...; chemical; mathematics; physics; and...; students in chemistry at...; 10-12, 9-11, 8-9 a.m.; Thursday; July 18-August 2.