

UNIVERSITY OF PENNSYLVANIA *Almanac*

Tuesday
September 25, 2012
Volume 59 Number 5
www.upenn.edu/almanac

\$4.6 Million Renewal from NIH to Penn Program that Aims to Diversify Biomedical Education

Dr. Yvonne Paterson, professor of microbiology at the Perelman School of Medicine, and professor and associate dean at the School of Nursing, has been awarded an almost \$5 million renewal by the National Institute for General Medical Sciences for the University of Pennsylvania Postdoctoral Opportunities



Yvonne Paterson

in Research and Training, or PENN-PORT, the postdoctoral-training program she leads.

This program funds 15 postdoctoral fellows who teach in local colleges and universities that have a significant minority enrollment. The PENN-PORT program combines traditional, three-year postdoctoral research training with a two-year mentored teaching experience at one of three partner minority-serving institutions: Lincoln University, Rutgers University-Camden and Delaware County Community College.

The goals of the postdoctoral program are to enhance research-oriented teaching at the partner institutions; to promote research collaborations between faculty members at the three partner institutions and Penn; and to encourage minority students to enter graduate school and increase minority participation in biomedical research.

"The program has been in existence for five years, and in addition to having a significant impact at the three partner institutions, it has also helped mend the diversity pipeline between get-

ting a doctorate and becoming an academic faculty member," said Dr. Paterson. "Of the 30 or so fellows who have benefited from the program, about 75 percent of them are from underrepresented groups or have serious physical challenges. The majority of the fellows who have completed the program have gone on to faculty positions in a variety of small colleges and universities."

The program partners postdoctoral fellows with investigators in many labs across the Penn campus: the Perelman School of Medicine, the School of Veterinary Medicine, the School of Arts & Sciences, the School of Dental Medicine, and allied programs at the Children's Hospital of Philadelphia (CHOP). The fellows are even taught a course on how to be a college instructor by Dr. Marybeth Gasman from the Graduate School of Education.

The program has lasting effects. One postdoc, Dr. Michael Lipscomb, who worked in the laboratory of Dr. Janis Burkhardt, and taught two courses—Immunology and Molecular Genetics at Lincoln University—is now a tenure-track professor at Howard University. Additionally, he continues long-term collaborations with Penn and CHOP by bringing undergraduate and graduate students to work summers in research laboratories. This summer, Dr. Lipscomb brought Obianuju Chikwere, an undergraduate at Howard University, to conduct immunology research at Penn and CHOP. "The Penn-PORT program uniquely bridges smaller institutions with tier-1 research institutions to allow reciprocal exchange of resources with excellent, high-caliber students and faculty, who would otherwise not have the opportunity to exercise their talent and intellect in that academic environment," said Dr. Lipscomb.

Establishing a Department of Africana Studies

The University of Pennsylvania Board of Trustees approved the establishment of the department of Africana Studies in the School of Arts & Sciences. The new department will be devoted to the study of the historical and contemporary experiences of Africans and peoples of the African diaspora. The initial roster of 11 standing faculty are all current SAS professors who will now hold joint primary appointments with their original home departments. Additional faculty from across SAS and from several other Penn schools are expected to assume secondary appointments. The department will administer the Africana Studies undergraduate major and minor, PhD and graduate certificate that were previously offered through Penn's Center for Africana Studies.

"Penn has a deep and eminent tradition of research and teaching excellence in Africana Studies," said Rebecca W. Bushnell, dean of SAS. "This new department will allow us to showcase and build on that great work. The faculty's global, cross-regional approach to Africana Studies, one that draws on disciplines across Penn, will make the department distinctive in this important field."

The department has its roots in what was originally known as the Afro-American Studies Program, established in 1972, although distinguished scholarship in this field has been done at Penn since the late 19th century when W. E. B. Du Bois wrote *The Philadelphia Negro: A Social Study*, the first scientific sociological study of race. In February, Penn awarded Du Bois a posthumous professorship in sociology and Africana Studies (*Almanac* February 7, 2012).

In its inaugural year, the department will be chaired by Camille Z. Charles, Edmund J. and Louise W. Kahn Term Professor in the Social Sciences. The department is housed in 3401A Walnut St., adjacent to the Center for Africana Studies.

Keepers' \$1 Million Gift to Penn's Parkinson's Disease & Movement Disorders Center

The Penn Medicine Parkinson's Disease and Movement Disorders Center at Pennsylvania Hospital received a gift of \$1 million from Jeff and Anne Keefer of West Chester, PA.

"The Parkinson's Disease and Movement Disorders Center (PD&MDC) is a leader in clinical research and the treatment of Parkinson's disease," said Mr. Keefer, a patient of the Center. "I have received excellent care at the Center, and both my wife Anne and I gave this gift because we want to see an acceleration of research to find disease modifying therapies and hopefully, eventually, a cure. We want to help the Center continue to make a difference in research and patients' lives."

The PD&MDC was established in 1982 at The Graduate Hospital (now Penn Medicine Rittenhouse at 18th and Lombard Streets) by Dr. Howard I. Hurtig, chief of neurology at Pennsylvania Hospital, co-director of the PD&MDC, and Elliott Professor of Neurology in the Perelman School of Medicine at the University of Pennsylvania, and Dr. Matthew B. Stern, director of the PD&MDC and the Parker Family Professor of Neurology in the Perelman School of Medicine. Together, Doctors Hurtig and Stern wanted to provide comprehensive care to patients with Parkinson's disease and other parkinsonian syndromes and movement disorders
(continued on page 3)

US News Rankings

Penn is ranked eighth overall among national universities—tied with Duke—in this year's *US News & World Report* rankings of colleges and universities. Harvard, Princeton and Yale topped the list.

The Wharton School has once again been ranked number 1 in the nation for its undergraduate business program. It was also ranked first in four of its specialties: Finance, Insurance, Marketing and Real Estate. It was ranked second for Entrepreneurship, International Business, Management; third for Quantitative Analysis; fourth for Accounting and Production/Operations Management; and seventh for Management Information Systems.

IN THIS ISSUE

- 2 Senate: SEC Actions; Council: Agenda, Report of Steering Committee; Joel Carstens: Financial Aid Coverage of Trustees' Meetings;
- 3 Ken Lum: Undergraduate Fine Arts Program Global Engagement Fund; Dental Medicine and Penn Law Sign MOU
- 4 Joseph Wharton Art Collection
- 6 Celebrating Shoemaker Green
- 8 Honors & Other Things
- 10 Online Revolution; Coursera; At the ARG: California Impressionism; Did You Know? Financing Your Future; Funeral Planning Support
- 11 UPenn Alert Drill; Share the Road; Update; Eat Local Challenge; CrimeStats
- 12 Morris Arboretum's 125th Anniversary Pullout: October AT PENN

SENATE From the Senate Office

The following is published in accordance with the Faculty Senate Rules. Among other purposes, the publication of SEC actions is intended to stimulate discussion among the constituencies and their representatives. Please communicate your comments to Sue White, executive assistant to the Senate Office, either by telephone at (215) 898-6943, or by email at senate@pobox.upenn.edu

Faculty Senate Executive Committee Actions Wednesday, September 19, 2012

Welcome and Introductions: Faculty Senate Chair Susan Margulies welcomed the 2012-2013 Faculty Senate Executive Committee and brief introductions from members in attendance followed.

Chair's Report: Dr. Margulies gave a brief overview of the Faculty Senate, Senate Committees and University Council. This year the Faculty Senate and Provost Office are partnering to create a website that will allow the faculty to opt in annually to communications about research seminars, teaching training, funding opportunities, pan-University group meetings, and benefits, and more. She asked SEC members to provide specific suggestions. She also asked SEC members to write down questions for the two discussions scheduled for the October SEC meeting featuring Senior Vice Provost Steve Fluharty and Vice President of Human Resources Jack Heuer. Dr. Margulies noted that SEC members received *Guidelines for Social Media at Penn* and requested that any concerns be forwarded to Sue White, executive assistant in the Office of the Faculty Senate. She noted that the *Guidelines* will be reviewed more thoroughly by the Senate Committee on Students and the Educational Policy. She reported that the October SEC meeting will be held at the University Club with a reception following the meeting at 5 p.m.

Past Chair's Report: Faculty Senate Past Chair Camille Charles reported that she attended the first Capital Council meeting and reminded the Executive Committee that she is bound by a confidentiality agreement not to discuss the work of Capital Council outside of the committee. She reported that the Academic Planning & Budget Committee has not met yet.

Discussion on Coursera: Provost Vincent Price updated SEC on the history of Penn's involvement with Coursera, how faculty might engage with Coursera, Penn's progress to date, and issues that might emerge. He explained that Coursera is a company that provides an online platform for non-credit massively open online courses (MOOC's) available currently at no cost to audiences around the world. He explained that Penn's partnership is non-exclusive, faculty participation is voluntary and the University and instructor retain all rights to course content. He reported that current enrollments in Penn's first set of online courses range from 20,000 to 75,000 students. He reported that currently 33 higher education institutions have partnered with Coursera. Provost Price introduced Professor Edward Rock, the newly appointed Senior Advisor to the President and Provost and Director of Open Course Initiatives. Professor Rock will oversee the implementation of Penn's partnership with Coursera to build administrative frameworks and advance the integration of online learning initiatives. Provost Price reported that there will be a Faculty Advisory Committee assembled to help manage the course review process. He noted that recent experience has shown that converting a class to a Coursera course requires a significant amount of work and explained that the Center for Teaching and Learning can help with pedagogical assistance.

SEC members and the Provost discussed the following topics: Penn's goals for participating in Coursera, support for instructors teaching Coursera courses, Coursera's business model, course evaluations, course content ownership, Coursera's cost-sharing revenue model, faculty engagement in Penn's Coursera course content and quality, and the importance of careful navigation of issues should they arise.

Discussion and vote on the draft 2012-2013 Senate Committee Charges: Dr. Margulies asked SEC members for comments concerning the draft 2012-2013 charges. SEC members had no revisions and unanimously approved the charges.

Discussion on issues to shape the 2012-2013 SEC Agenda: SEC members had a robust discussion and suggested a range of topics that might be added to this year's SEC agenda.

Joel Carstens: University Director of Financial Aid



Joel Carstens has been named University Director of Financial Aid at the University of Pennsylvania, effective September 1. Mr. Carstens succeeds William (Bill) Schilling, C'66, L'69, who retired at the end of June after directing Penn's financial aid for more than 30 years.

Mr. Carstens, who has 21 years of experience in financial aid, was at Princeton University for eight years where he directed the undergraduate financial aid renewal process as well as the Office of Student Employment. He was previously director of financial aid at Massachusetts General's MGH Institute of Health Professions. While there, he was asked by its president to lead the school's first integrated systems implementation. He also held progressively responsible positions in financial aid at the College of Visual Arts, Macalester Col-

lege and Simmons College. Mr. Carstens brings student loan experience, based on his work with the Vermont Student Assistance Corporation and Norwest Student Loans, where he implemented a document imaging system.

"We are thrilled to have a seasoned financial aid professional on board to lead our financial aid programs and continue to support the Penn Compact. We are also excited to have him as part of the leadership team in Student Registration and Financial Services," said Michelle Brown-Nevers, associate vice president, student services and University registrar.

Mr. Carstens is a member of the board and vice president for external affairs of the National Student Employment Association. He was also a member of NASFAA's Reauthorization Task Force Advisory Committee, an advisor to the Negotiated Rulemaking Committee, and a member of the committee to Enhance Ethnic Diversity for the Massachusetts Association of Student Financial Aid Administrators.

He earned a BS in business administration and an MA in educational administration from the University of Nebraska-Lincoln.

COUNCIL

From the Office of the Secretary

Agenda for University Council Meeting Wednesday, October 3, 2012 4 p.m. Bodek Lounge, Houston Hall

Source: Office of the University Secretary

- I. Announcement of Appointment of a Moderator. (1 minute)
- II. Announcement of Appointment of a Parliamentarian. (1 minute)
- III. Approval of the Minutes of April 18, 2012. (1 minute)
- IV. Follow-up Comments or Questions on Status Reports. (5 minutes)
- V. Presentation and Scheduling of Focus Issues for University Council for the Academic Year. (5 minutes)
- VI. Presentation of Council Committee Charges. (10 minutes)
- VII. Announcement of Open Forum Sessions. (5 minutes)
- VIII. Discussion of the Programs Planned for the 2012-2013 Academic Theme Year: The Year of Proof. (15 minutes)
- IX. New Business. (2 minutes)
- X. Adjournment by 4:50 p.m.


Annual Report of the Steering Committee of University Council, 2011-2012

Prepared by the Office of the University Secretary

The 34th annual report of the Steering Committee of the University Council, prepared in accordance with a requirement in the Council Bylaws. Section V. (d) of the Council Bylaws states: (d) The Steering Committee shall publish an annual report to the University community. This report, to be published early in the academic year, shall include a review of the previous year's Council deliberations (highlighting both significant discussions and the formal votes taken on matters of substance) and a survey of major issues to be taken up by the Council during the coming year.

The annual report is published online on the Council website; to see the full schedule of Council meetings, as well as links to other important documents, see www.upenn.edu/secretary/council/index.html

Almanac On-the-Go: RSS Feeds

 *Almanac* provides links to select stories each week there is an issue. Visit *Almanac's* website, www.upenn.edu/almanac for instructions on how to subscribe to the *Almanac* RSS Feed.



Additional information on Making History: the Campaign for Penn is available at www.makinghistory.upenn.edu.

Coverage of Trustees' Meetings

Last Thursday, the Trustees of the University of Pennsylvania met prior to the grand opening celebration for Shoemaker Green.

The Budget & Finance Committee, unlike at past meetings, had only one resolution due to the change that was approved last year to require resolutions for projects greater than \$5 million, rather than the old \$1 million threshold. Projects between \$1-5 million will be reported without a resolution.

EVP Craig Carnaroli presented a resolution to authorize University investment of up to \$5 million in UPenn International to fund Penn's China Center in Beijing.

Stephen Golding, vice president for finance and treasurer, introduced Joel Carstens, the new director of financial aid who reports to Michelle Brown-Nevers, associate vice president, student services and University registrar. Mr. Golding then reported on the financial reports for the 12 months ending June 30, 2012. For the Consolidated University, total net assets decreased from \$9.830 billion to \$9.694 billion; net assets from operating activities increased \$296.6 million in FY12 compared to a \$478.8 million in FY 11; net assets from non-operating activities decreased \$433 million compared to \$1.122 billion in the prior FY. The total endowment value was \$6.755 billion; a \$173 million increase over the prior year.

Bonnie Gibson, vice president, budget and management analysis, reported an increase in net assets of \$130 million from operations in the academic component of the budget; tuition, fees, contributions and other income exceeded the budgeted revenue.

Keith Kasper, senior vice president and chief financial officer for UPHS, reported that total net assets decreased by 8.3 percent from \$1.708 billion to \$1.566 billion. Admissions were higher than the previous year; HUP was at 90 percent occupancy, which he said is the maximum for efficiency. There was a discussion about indirect cost recovery for sponsored research in-

cluding the AARA (stimulus) funds. The current 4-year rate agreement based on FY2011 was 60 percent and has been negotiated for two more years at the same favorable rate with the base year now FY 2013. President Amy Gutmann credited Mr. Golding for this achievement.

Moody's has recently combined public and private institutions into one methodology creating a new scorecard; Penn's rating is Aa2, among the best in the country, which helps Penn obtain favorable rates in the debt market.

At the Executive Committee meeting, President Gutmann noted that Penn welcomed the Class of 2016 in a "sweltering but spirited" Convocation at the Palestra on September 4 (*Almanac* September 11). She also mentioned the new directors of the Penn Museum and the ICA, as well as the new post professor Edward Rock has filled. Dr. Gutmann also called the renovations of 1920 Commons "stunning" and said the Starbucks is the best anywhere. She also listed some of the Penn Connects 2.0 projects underway including the ARCH and Hutchinson renovations, the Spruce Street Plaza and the recently completed Shoemaker Green.

The president said that with three months left in the *Making History* campaign, more than 103,000 Penn alumni gave to annual giving. She said that Penn was recognized by FIRE for free speech, which she called a "cornerstone of academic rigor and progress."

Provost Vincent Price discussed the open course initiative, Coursera that Penn joined.

EVP Carnaroli summarized the financial reports which had been given in the earlier meeting.

Dr. Larry Jameson gave the Penn Medicine report and said that at the recent White Coat ceremony iPads were given out to the first and second year students, along with stethoscopes. He said 166 faculty were hired and 99 were promoted.

Audit & Compliance Committee presented the resolution to approve the audited financial statements from PricewaterhouseCoopers for FY 2012.

Ken Lum: Undergraduate Fine Arts Program



Ken Lum

The University of Pennsylvania School of Design announced that Ken Lum has been appointed as full professor and director of the Undergraduate Fine Arts program. He assumed responsibilities on July 1.

"In addition to a distinguished teaching record, Ken brings with him deep international experience of exhibitions and public art commissions and a

thoughtful sensibility as a working artist. We look forward to his leadership as we build upon our vision for fine arts at Penn and explore how our programs will engage in projects that respond to the urban cultural world," said Marilyn Jordan Taylor, dean of PennDesign.

Professor Lum, who is concerned with the dialectics of the private and public construction of identity, space and politics, is well-known as a conceptual artist for his work in photography and sculpture addressing the public realm. He has participated in numerous major art exhibitions, including the Sao Paulo Art Biennial, Sydney Biennale, Venice Biennale, the 2000 Shanghai Biennale, the 2002 Documenta XI in Kassel, Germany, the 2006 Liverpool Biennial, the 2007 Istanbul Biennial, the 2008 Gwangju Biennale in

South Korea and the Moscow Biennale 2011.

He has also led a notable career as an educator, teaching at the University of British Columbia (UBC), where he was professor and head of the Graduate Program in studio art from 2000 to 2006. While at UBC (1990-2006), he also was a visiting professor at the École Nationale Supérieure des Beaux-Arts in Paris 1995-1997, a graduate professor at the Milton Avery Graduate School of Arts at Bard College from 2005-2007, among other educational institutions. He has published widely and is the founding editor of *Yishu: The Journal of Contemporary Chinese Art*. He was made a Guggenheim Fellow in 1999 and awarded a Killam Award for Outstanding Research in 1998 and the Hnatyshyn Foundation Visual Arts Award in 2007.

Professor Lum has also been involved in several large curatorial projects and has worked on numerous public art projects for the cities of Vienna, Leiden, Utrecht, Toronto, Rotterdam, Vancouver, Stockholm and St. Moritz.

"I am excited to be coming to Penn. It is a great and important University, a place of immense knowledge production for the good of the world," Professor Lum said. "I look forward to helping students develop a more complex set of social and knowledge skills so that they can better direct themselves towards a more open, cooperative and tolerant world. I feel the Penn environment is conducive to great achievement."

The undergraduate fine arts program was previously led by Julie Saecker Schneider, who retired last spring.

\$1 Million Gift to PD&MDC

(continued from page 1)

such as dystonia, Tourette's syndrome and Huntington's disease. The Center moved in 1997, to its current location on Pennsylvania Hospital's campus at 330 South Ninth Street.

"This wonderful gift from Jeff and Anne will make a significant impact on our work at the Center," said Dr. Stern. "Specifically, it will support crucial faculty development, fellowship training, clinical research and clinical services for Parkinson's patients. A significant portion of the gift will facilitate the collaborative work of the Parkinson's disease and Movement Disorders Center and the Penn Center for Neurodegenerative Disease Research. We are all enormously grateful to the Keepers for their support."

Combined, the PD&MDC and Center for Neurodegenerative Disease Research at the University of Pennsylvania is a Morris K. Udall Parkinson's Disease Research Center of Excellence designated by the National Institute of Neurological Disorders and Stroke (NINDS), joining 12 other distinguished academic institutions in the US with this designation (*Almanac* September 11, 2012). Clinical and basic research scientists at the Penn Udall Center are conducting research to understand and develop better treatments for the cognitive impairment and dementia associated with Parkinson's disease. Penn is the only national Udall Center to focus specifically on cognitive functions in Parkinson's.

"Research is and always will be an essential cornerstone of the PD&MDC's mission. Finding a cure for the various neurodegenerative diseases that fall under the broad umbrella of movement disorders is the ultimate dream of all who labor to improve the lives of our patients," added Dr. Stern. "Hope for a major breakthrough is not only a sustaining force for everyone affected by these progressive illnesses, but it is also an important driver for those who commit themselves to a career as a clinician or clinician-scientist."

Since its inception, the PD&MDC has grown into one of the dominant clinical programs of its kind in the nation, equally committed to research, professional and community education, and psycho-social support for patients and families. Recognized by the National Parkinson Foundation as one of its 45 worldwide Centers of Excellence, the PD&MDC is one of the largest of its kind in the country and is pre-eminent in the Philadelphia region, providing care to approximately 2,000 patients each year. The PD&MDC partners with the Philadelphia Veteran's Administration Medical Center as one of only six Parkinson's Disease Research, Education and Clinical Centers (PADRECC) in the US. The Philadelphia PADRECC offers the same exceptional Parkinson's care to veterans, as well as opportunities to participate in clinical trials and other research initiatives.

For more information please visit: www.pennmedicine.org/neuro/services/parkinsons/

Almanac on Penn Mobile Website

Almanac is available on Penn's mobile website, in addition to *Almanac*'s other familiar paper-free options such as the website, RSS Feed and weekly *Express Almanac* email. Users can access the complete issue of *Almanac*—the University's official journal of record, opinion and news—from their mobile devices by choosing "*Almanac*" under the category of "News" from the mobile site's homepage, <http://m.upenn.edu>

Global Engagement Fund: Call for Proposals—November 2

The Global Engagement Fund is a competitive grant program that seeds creative, cross-disciplinary projects that will further Penn's global initiatives. The Fund is designed to offer maximum flexibility to support faculty initiatives that enhance Penn's global engagement. It emphasizes projects that:

1. Collaborate across Schools and disciplines and involve multiple faculty members in research and conferences;
2. Engage regions of the world in which Penn has active academic partnerships and collaborative activities, such as China, India, Latin America and Africa;
3. Develop interdisciplinary courses and projects;
4. Engage young researchers by including a stipend to support an undergraduate student doing research with investigators over a period of at least eight weeks in the summer outside the United States.

In the past, the Global Engagement Fund's awardees have hosted high-profile cross-School conferences on global topics, conducted interdisciplinary research in Africa, and hosted distinguished international scholars. Many of the projects seek to push the boundaries of knowledge in their field of research. At the same time, conferences and visiting scholars funded will bring the international experience to all members of the Penn community and enrich the learning experience.

Proposals are due by November 2, 2012.

Review Process: Projects will be reviewed by a faculty committee for scholarly merit and significance for global research, teaching and service. Priority will be given to projects that seed ambitious new endeavors and involve multiple Schools.

Guidelines & Required Forms: Can be downloaded from www.upenn.edu/provost/category/global_initiatives

Application: Applications must include:

- A completed International Initiatives Cover Sheet (with all signatures), available at www.upenn.edu/provost/category/global_initiatives
- Completed Budget Form available at www.upenn.edu/provost/category/global_initiatives. Items that can be requested include costs associated with travel expenses, supplies and honoraria for visitors.
- A 500-1,000 word *proposal*, including background; work to be undertaken; ability to enhance Penn's international teaching, research and engagement; and demonstrated interdisciplinary linkages.
- Biographies of faculty members involved in the project. Please limit to key faculty; complete bibliographies are not required.
- Evidence of additional funding from institutional or external sources.
- Outlook for the future of the project (continued activity and external funding).
- For conference support, a description of the purpose of the meeting; a proposed program agenda and list of presenters; the names of Penn faculty organizing the meeting; the number of Penn students and faculty expected to attend; an explanation of the benefit to Penn students and faculty; an explanation of the benefit to scholarly or research programs at Penn; an explanation of the relationship of the meeting to department, institute, or center programs.
- For distinguished international scholar visits, the proposed visitor's CV and a description of the visitor's proposed activities while at Penn.
- For research travel, length of expected time for the travel.

Submission: Email a complete PDF, including signed cover sheet, application, and budget, to global@exchange.upenn.edu. The name of the PDF must be the last name of the principal investigator.

Penn Dental Medicine's Exchange Agreement and Global Symposia in Tokyo and Rio de Janeiro

Penn Dental Medicine continued to build upon its global initiatives on a trip to Tokyo, Japan, signing a memorandum of understanding (MOU) with Tokyo Medical and Dental University (TMDU) and presenting the 5th Penn Endodontic Global Symposium.

On May 23, Dr. Denis Kinane, Morton Amsterdam Dean of Penn Dental Medicine, signed a renewed MOU agreement with Dr. Junji Tagami, dean of the TMDU Graduate School of Medical and Dental Science, outlining future collaborations in research and student and faculty exchange between the two institutions.

Dr. Takashi Ohyama, president of TMDU, also welcomed the Penn Dental Medicine delegation, which in addition to Dean Kinane included Dr. William Cheung, president of the Penn Dental Medicine Board of Overseers, and Dr. Syngcuk Kim, associate dean for global affairs at Penn Dental Medicine. The signing ceremony was attended by key faculty members of TMDU.

Presented May 24 and 25, the 5th Penn Endodontic Global Symposium in Tokyo drew more than 400 dentists from around the country and featured presentations by Penn Dental Medicine faculty and alumni on biofilm, nonsurgical endodontics, surgical endodontics, revascularization, implants vs. endodontics, and outcome assessment of all endodontics procedures. Organized by the faculty of Penn Dental Medicine's department of endodontics, the symposium speakers included Dean Kinane; Drs. Syngcuk Kim, Martin Trope, Bekir

Karabucak and Meetu Kohli of Penn Dental Medicine; Dr. Hiroshi Ishi of Japan; Dr. Gilberto Debelian of Norway; Dr. Christof Pertl of Austria; and Dr. William Cheung of Hong Kong.

Dental Medicine faculty members of the department of endodontics along with Dean Kinane headed to the latest symposium in Rio De Janeiro, Brazil for the 6th Penn Endodontic Global Symposium, September 19-20. The two day symposium was a prelude to the 17th World Congress on Traumatology, organized by the International Association of Dental Traumatology (IADT). Drs. Kinane, Syngcuk Kim, Martin Trope, Bekir Karabucak, Samuel Kratchman, Frank Setzer, Gilberto Debelian and Eudes Gondim Jr., were among the presenters, describing to an audience of 300 people the Penn endodontics philosophy and its implementation in clinical practice.

"The main purpose of the Penn Endodontic Global Symposium is to establish a global network of modern endodontic educators by presenting our teaching philosophy and interacting with dentists and endodontists around the world," said Dr. Kim, interim chairman of the department of endodontics. "These two-day symposia are followed by many social events with participants cementing good will and friendship."

The first Penn Endodontic Global Symposium was held in Taiwan and Korea in 2010, followed by Germany and Poland in 2011.

Plans are underway for symposia in Turkey in spring 2013 and China in fall 2013.

Penn Law's MOU with National Law School of India University

University of Pennsylvania Law School Dean Michael A. Fitts and Vice Chancellor and Professor Dr. R. Venkata Rao of the National Law School of India University in Bangalore have signed a Memorandum of Understanding (MOU) which will serve to further Penn Law's engagement with leading legal academics and practitioners in that country.

Dean Fitts traveled to India this summer to sign the MOU, which provides for an exchange of students between Penn Law and NLS, India's most prestigious law school, and establishes a foundation for collaborative research and other institutional initiatives. The exchange will commence in fall 2013.

"India is a key country for global economic development and legal activity," said Dean Fitts. "It is vital for Penn Law and our students to engage with the legal system there now. Our international programs have expanded considerably in recent years, and we are offering students opportunities around the globe. But it is especially important that we invest in deepening our expertise in places like India and China if we are truly going to be a global law school in the 21st century."

Dean Fitts led a delegation that included six Penn Law faculty members and Associate Dean for International Programs Amy Gadsden. The faculty members participated in a high-level roundtable on patent and copyright law issues that brought together leading figures in this area from academia, government and the private sector.

"Indian patent and copyright issues are inextricably linked to the global debate in these areas," said Law School Professor Shyam Balganes. "The Penn Law-NLS co-sponsored roundtable allowed for unprecedented discussion of some of the most cutting-edge concerns, such as control over data resulting from clinical trials for new drugs and the optimal structuring of limitations and exceptions to Indian and US copyright law."

Dean Fitts also traveled to Delhi where he met with senior government leaders including Shri P. Chidambaram, who stepped into the role of finance minister in July; Montek Singh Ahluwalia, deputy chairman of India's Planning Commission; Salman Kurshid, the Indian Minister for Law and Justice; and Kapil Sibal, the minister for human resource development, among others.

Penn Law is well-positioned to be a leader in developing advanced study of Indian law. Professor Balganes, an expert on property law with deep comparative knowledge of both Indian and American law, is pioneering new curricular initiatives on Indian law. He will teach the 2012-2013 Global Research Seminar, which examines the role of private law in nation-building efforts and economic growth in India.

Professor Balganes and the seminar students will travel to India in March 2013 to meet with senior officials, lawyers and private sector leaders who are shaping developments in private law. In 2011, Penn Law hosted Dr. KP Krishnan, the secretary to the Prime Minister's Economic Advisory Council, and one of India's top experts on financial regulation as a Bok Professor.

Also, on September 27, Penn Law will host the 20th anniversary conference for the University of Pennsylvania's Center for the Advanced Study of India (*Almanac* September 18, 2012).

The Wharton School of the University of Pennsylvania's Joseph Wharton Art Collection Commissioned by Alumnus William Polk Carey

The Wharton School of the University of Pennsylvania is pleased to announce a suite of ten paintings created for the School highlighting the seminal moments in the life of founder Joseph Wharton (1826-1909). The collection, commissioned through a gift by the late William Polk Carey, a 1953 graduate of Wharton's undergraduate program, and the W.P. Carey Foundation, was formally unveiled on September 20. Mr. Carey commissioned these in 2011 and saw the preliminary sketches before he passed away at the age of 81 on January 2, 2012.

The collection was painted by artist David Brewster, who received a graduate degree in fine arts from Penn in 1988. The charcoal drawings are on display in Steinberg Hall-Dietrich Hall. Each 35" x 70" painting is oil on gatorboard, 2012.

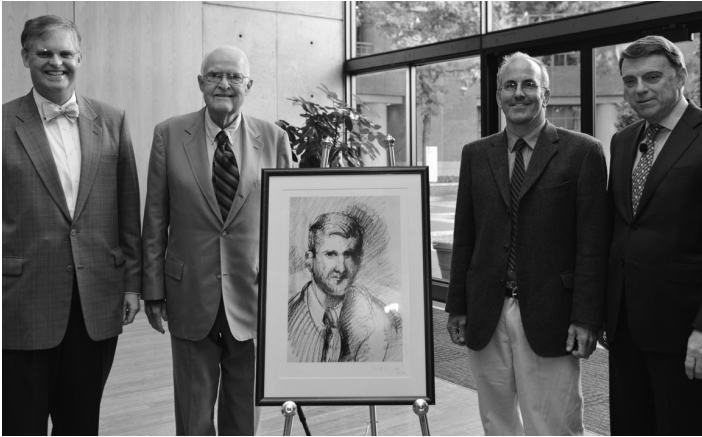
The series of paintings illustrating significant events in Joseph Wharton's career spanning the years 1846 to 1905, are now permanently housed

on the first floor of Vance Hall. Visitors can see a young Joseph Wharton presented with his trademark anvil, Wharton serving as a mentor in the University's Furness Library, scenes from the Wharton-owned Bethlehem Iron Company, and the days of an older Wharton spent at Marbella in Jamestown, Rhode Island. The paintings took a year to complete and offer a distinct blend of realism and abstraction.

"The Wharton School is honored to be home to such a unique collection of paintings," said Wharton Dean Thomas S. Robertson. "This collection tells the important story of the School's distinguished founder, Joseph Wharton, while also honoring the legacy of William Polk Carey, an alumnus who was extraordinarily dedicated to advancing excellence in business education."

Mr. Carey founded W.P. Carey & Co. LLC, an investment management company that provides long-term sale-leaseback and build-to-suit financing for companies worldwide. He also established the W. P. Carey Foundation in 1988, which has supported educational institutions around the country.

Mr. Brewster is a Vermont-based alla prima oil painter, who has received recognition from the Pollock-Krasner Foundation and the Taconic Berkshire Foundation. He has taught and exhibited his work along the East Coast, in California, and throughout Europe.



(Left to right) H. Augustus (Gus) Carey; William Polk Carey's brother, Francis (Frank) J. Carey, C'45, L'49; David Brewster, GFA'88; and Dean Thomas S. Robertson. Gus Carey is William Polk Carey's nephew and Frank's son. Gus provided remarks at the event on behalf of the Carey family.



Young Joseph Wharton with Anvil before the Early Wharton Family Lead and White Zinc Manufacturing Company, 1846



Bethlehem Iron Company: Workmen in No. 2 Machine Shop, 1882



University of Pennsylvania: Panoramic View of Burgeoning Campus, Logan Hall with Southwest Schuylkill River and Trolley, 1890



University of Pennsylvania: Furness Library Interior with Joseph Wharton as a Mentor, 1890



Joseph Wharton at Marbella, Jamestown, Rhode Island, 1909



Under sunny skies, Penn's newly refurbished War Memorial (above) welcomed those who approached the red-and-blue balloon archway to enter Shoemaker Green for the Grand Opening.



Trinidad North Steel Band: Ben Singleton (above left) and David Gettes (above right) provided musical entertainment at the celebration. Mr. Gettes, a project manager and lecturer in the department of psychiatry at the Perelman School of Medicine, also builds and tunes steel drums besides, bringing the sounds of the islands to the banks of the Schuylkill and beyond.



A Destination for the





The New Generation



Penn President Amy Gutmann called the new 2.75-acre green space an “alluring addition to our campus.” She said that this is now a destination, “an emerald chain” linking the central campus to Penn Park.

(Above left) Mr. and Mrs. Alvin (Al) Shoemaker, W’60, Hon’95, along with their granddaughter Avery, President Gutmann and David Cohen, chair of Penn’s Board of Trustees cut the ribbon marking the official opening of Shoemaker Green.

Mr. Shoemaker, emeritus Penn trustee and former chair of the Board, was honored for his decades of devotion, love and service to his alma mater. As chair of the Trustees from 1986-1994, Mr. Shoemaker oversaw the *Campaign for Penn* which brought in \$1.4 billion and initiated efforts to purchase the postal lands, now the site of Penn Park. He currently sits on the steering committee for Penn’s \$3.5 billion *Making History* campaign.

Mr. Shoemaker has supported the vision to enhance the eastern edge of campus with these projects and the Spruce Street Plaza, which will be a gateway between the hospital and the museum. He said that if you go for the best solution and do something right it shows; he paid tribute to the late Trustee Myles Tannenbaum who shared his vision for the transformation of the postal lands which has come to fruition. Mr. Shoemaker said this space is dedicated to the next generation.



Honors & Other Things

International Award: Dr. Beck

Dr. Aaron T. Beck, emeritus professor, department of psychiatry and director of the Aaron T. Beck Psychopathology Research Center at the Perelman School of Medicine, was awarded the Prince Mahidol Award for “exemplary contributions in the field of medicine.” Often referred to as “The Father of Cognitive Behavioral Therapy,” Dr. Beck has been honored for his lifetime achievement in developing cognitive behavioral therapy (CBT). The award is bestowed by the Thai Royal Family for outstanding achievements in medicine and public health worldwide. Thai Ambassador to the United States, H.E. Chaibong Satjipanon, presented the award at a special ceremony in August.

Electromagnetics Award: Dr. Engheta

Dr. Nader Engheta, the H. Nedwill Ramsey Professor of Electrical and Systems Engineering and professor of bioengineering in the School of Engineering & Applied Science, is the recipient of the 2012 IEEE Electromagnetics Award. Dr. Engheta’s research activities span a broad range of areas involving the physics of fields and waves. He is a leading figure in the field of metamaterials, which combines physics, engineering and nanotechnology to bend and manipulate waves in ways that natural materials cannot.

Board for Public Service: Dr. Harkavy

The dean of Harvard College at Harvard University, Evelyn Hammonds, selected *Dr. Ira Harkavy*, director and associate vice president of

the Netter Center for Community Partnerships, to serve on its newly established National Advisory Board on Public Service. The board will meet once a year to make recommendations on how Harvard College can build upon its traditions to further the cause of public service.

ACS: Dr. Kozlowski

Dr. Marisa Kozlowski, professor of chemistry in the School of Arts & Sciences, is the recipient of the 2012 American Chemical Society Philadelphia Section Award. Dr. Kozlowski’s research focuses on the discovery and optimization of new reagents and catalysts for organic synthesis, including both novel computational tools and traditional methods of screening and development. The award recognizes extraordinary research that has not only led to scientific breakthroughs, but has also been instrumental in improving public appreciation of the profession.

NPR Board: Mr. LaMay

Mr. Roger LaMay, general manager of WXPB, the nationally-recognized leader in Triple A (Adult Album Alternative) music and non-commercial radio service of the University of Pennsylvania, has been elected as a member director of the NPR Board. He was elected to a three-year term beginning in November 2012. Mr. LaMay said, “As manager of a music station, it’s a rare honor to serve on the board. I look forward to focusing on the considerable contribution that NPR makes to our country’s music, arts and culture.”

Morris Arboretum’s Horticulture Center: American Architecture Award

The new Horticulture Center at the Morris Arboretum of the University of Pennsylvania, designed by Overland Partners Architects, was awarded the American Architecture Award as one of the top new architectural projects in the United States.

Located on the Arboretum’s Bloomfield Farm, the Horticulture Center was selected from a record number of entries from the most distinguished firms practicing across the globe. The Arboretum will be part of a traveling international exhibition, which will be displayed at “The City and the World” symposium in Istanbul, Turkey and throughout many museums across Europe.

The American Architecture Awards are the highest and most prestigious awards program

honoring new and cutting edge design. Organized annually by the Chicago Athenaeum, the program has become the most significant and comprehensive awards program in the United States honoring the best new building design produced by leading American architects, urban planners and landscape architects.

Last year, the Horticulture Center received top honors for sustainable design, earning a LEED Platinum Certification by the United States Green Building Council (*Almanac* January 31, 2012). The Horticulture Center is a multifunctional, state-of-the-art facility designed to represent sustainable building energy and water performance at the University of Pennsylvania.

For more information, visit www.morrisarboretum.org

Pennsylvania Hospital Selected for National Effort to Increase Breastfeeding Rates in US Hospitals

Pennsylvania Hospital (PAH) has been selected to participate in Best Fed Beginnings, a first-of-its-kind national effort to significantly improve breastfeeding rates in states where rates are currently the lowest.

Although breastfeeding is one of the most effective preventive health measures for infants and mothers, half of US-born babies are given formula within the first week, and by nine months, only 31 percent of babies are breastfeeding at all. Together, PAH and Best Fed Beginnings seek to reverse these trends by dramatically increasing the number of US hospitals implementing a proven model for maternity services that better supports a new mother’s choice to breastfeed. The National Initiative for Children’s Healthcare Quality (NICHQ) is leading the effort through a cooperative funding agreement with the Centers for Disease Control and Prevention (CDC), and working closely with Baby-Friendly USA, Inc.

“Pennsylvania Hospital is delighted to have been chosen to participate in this initiative and to have this opportunity to better support breastfeeding families. This is an important public health initiative that will bring a tremendous benefit to Philadelphia’s mothers and babies,” said Debi Page Ferrarello, director of Family Education at PAH. “We recognize the hospital experience strongly influences a mother’s ability to start and continue breastfeeding and are committed to implementing evidence-based care through the Baby-Friendly designation process. This will ensure that mothers delivering in our facility who intend to breastfeed are fully supported.”

In addition to PAH, 89 other hospitals are participating in this initiative and were selected from 235 applicants. The groups will work together in a 22-month learning collaborative, using proven quality improvement methods to transform their maternity care services in pursuit of a “Baby-Friendly” designation. This designation verifies that a hospital has comprehensively implemented the American Academy of Pediatrics-endorsed Ten Steps to Successful Breastfeeding, as established in the WHO/UNICEF Baby-Friendly Hospital Initiative. Breastfeeding rates are higher and disparities in these rates are virtually eliminated in hospitals that achieve this status.

Breastfeeding has multiple health benefits for both infants and mothers. For infants, it decreases the incidence and severity of many infectious diseases, reduces infant mortality and optimally supports neurodevelopment. It also decreases infants’ risk of becoming obese later in childhood. Babies breastfed for at least their first six months have less gastric distress such as spitting up and diarrhea. More impressive is that they have fewer ear, respiratory tract and urinary tract infections, plus fewer allergies, a lower risk of diabetes and higher IQ scores. According to the American Academy of Pediatrics, breastfeeding also offers some protection from Sudden Infant Death Syndrome (SIDS) and obesity.

Breastfeeding moms see benefits too. They snap back in shape faster after giving birth. Their risk of breast and ovarian cancer is reduced along with their risk of osteoporosis, hip fractures, cardiovascular disease and metabolic syndrome, according to the Centers for Disease Control (CDC).

Photograph by Paul Meyer



(At left), the office building of the Horticulture Center is made of natural materials and the garages are designed to resemble farm structures. Sustainable and green design features include green roofs on two of the garages. In addition, multiple cisterns store excess rainwater for irrigation and laundry use. Rain gardens, planted with native plant species, manage storm water. The landscaping features native trees, shrubs and meadow plantings.

Superior Compliance in Hip and Knee Replacement Programs: PPMC

Penn Presbyterian Medical Center (PPMC) has earned the Gold Seal of Approval™ from The Joint Commission for its hip and knee joint replacement services. PPMC's certification is the first of its kind for Penn Medicine and demonstrates the hospital's high level of compliance with The Joint Commission's national standards for health care quality and safety. Orthopaedic joint replacement programs are certified by The Joint Commission under the standards for Disease-Specific Care programs. The award reinforces the value Penn Orthopaedics at PPMC places on continuous compliance with the most advanced joint replacement standards.

Obtaining certification from The Joint Commission guarantees that a joint replacement program is performing at the top standards of patient safety, quality and service. To date, PPMC is one of only 21 hospitals in Pennsylvania with the distinction.

"By working to exceed the national standards set by The Joint Commission, we're ultimately providing better care and more positive outcomes for our joint replacement patients," said Dr. L. Scott Levin, chairman of the department of orthopaedic surgery at Penn Medicine, and the Paul B. Magnuson Professor of Bone and Joint Surgery. "This Gold Seal of Approval recognition sets our programs apart from others by emphasizing our dedication to providing patients with the best practices, treatments and procedures."

PPMC received certification after a rigorous on-site visit by a team of surveyors from the Joint Commission. The survey evaluated the department for compliance on strict standards of care specific to the needs of patients and families, including infection prevention and control, leadership and medication management.

"This certification validates not only our commitment to providing superior care to our patients, but also our ability to work as a cohesive team," said Dr. Eric Hume, associate professor of orthopaedic surgery at Penn Medicine, who coordinated the certification process with The Joint Commission. "We want our patients to feel confident in the care they are receiving at Penn Presbyterian at every stage. The process of attaining the recognition allowed us the opportunity to further improve our interactions with other departments so we can continue our focus on strengthening the overall patient experience."

Launched in 2002, The Joint Commission's Disease-Specific Care Certification Program is designed to evaluate clinical programs across the continuum of care. Certification requirements address three core areas: compliance with consensus-based national standards; effective use of evidence-based clinical practice guidelines to manage and optimize care; and an organized approach to performance measurement and improvement activities. Joint replacement programs that successfully demonstrate compliance in all three areas are awarded certification for a two-year period.



Center of Excellence in Pain Education: Perelman School of Medicine

The *Perelman School of Medicine*, in collaboration with the *School of Nursing* and *School of Dental Medicine*, has been designated a national Center of Excellence in Pain Education (CoEPEs) by the National Institutes of Health (NIH).

"Pain is one of the primary reasons that patients seek medical care," said Dr. John T. Farrar, co-principal investigator of the new center and associate professor of epidemiology in the department of biostatistics and epidemiology at Penn. "Learning how to properly diagnose the underlying cause and how to effectively treat both acute and chronic pain needs to be an important focus of medical education. The interprofessional collaboration between three Penn schools in this endeavor is pivotal to our mission to help redefine pain education in the US health care system and improve the lives of all of our patients."

Chronic pain affects approximately 100 million Americans, costing up to \$635 billion in medical treatment and lost productivity, and producing immeasurable suffering for people of every age. Yet, pain treatment is not taught extensively in many health professional schools, and clinical approaches can be inconsistent.

As one of 11 CoEPEs in the country, Penn will act as a hub for the development, evaluation and distribution of pain management curriculum resources for medical, dental, nursing and pharmacy schools to enhance and improve how health care professionals are taught about pain and its treatment.

The curricula developed by the CoEPEs will advance the assessment, diagnosis and safe treat-

ment of a wide variety of pain conditions while striving to minimize the availability of opioid pain relievers to those who would abuse them. Innovative approaches to case-based scenarios will include video simulation and electronic game formats that are just being introduced into contemporary academic settings. Types of pain of particular interest to the NIH Pain Consortium are rehabilitation pain, arthritis and musculoskeletal pain, neuropathic pain, and headache pain. In addition, the curricula will teach about the pathophysiology and pharmacology of pain, the application of the available scientific evidence to its treatment, the latest research in complementary and integrative pain management, factors that contribute to both under- and over-prescribing of pain medications, and how pain manifests itself differently by gender, in children, in older adults and in diverse populations.

More than 20 faculty members within the Perelman School of Medicine, the School of Nursing and the School of Dental Medicine will unite in developing an integrated curriculum to address the major health problem of pain and its consequences on the health and well-being of the US population. Dr. Rosemary C. Polomano, associate professor of pain practice and Dr. Elliot V. Hersh, professor of oral surgery and pharmacology, are the co-principal investigators from the Schools of Nursing and Dental Medicine, respectively.

The new Centers of Excellence in Pain Education were selected by the NIH Pain Consortium after a contract solicitation process and review.

Innovative Development Funding: Penn Medicine-Led Cardiovascular Health Screening Technology

The American Heart Association (AHA) announced that they have made their first investment through the Science & Technology Accelerator Program into CytoVas, LLC. The company was founded by three faculty members from the Perelman School of Medicine. Dr. Jonni S. Moore and Dr. Wade Rogers, both from the department of pathology and laboratory medicine, and Dr. Emile R. Mohler III, from the department of medicine, cardiovascular division, will further develop research into a screen for a patient's vascular health profile. This new investment program was inaugurated by the AHA to bridge the gap from research to commercialization and bring potentially life-saving diagnostics and treatments to patients more rapidly.

The vascular health profile, currently being developed by CytoVas, measures major indicators of blood vessel health: the number of blood-vessel stem cells and the amount of microparticles, created through the natural cycle of cell death and renewal. More stem cells indicate that blood vessels have an enhanced ability to respond to changes in the body and regenerate in response to injury. High levels of microparticles appear toxic and are thought to contribute to hardening of the arteries and heart attack and stroke. Therefore, the balance of those two components is potentially of significant clinical use as an index of blood vessel health. Since nearly half of the people who have cardiovascular health problems aren't considered at high risk by most commonly used heart-health profiles, there's an urgent need to provide a comprehensive snapshot of blood-vessel damage and the reparative capacity of the body.

The AHA funds will be used by CytoVas for the next phase of development, a clinical study, which will determine whether the test can be used to monitor the effects of statin treatment.

If successful, this technology would first be used by pharmaceutical and biotech companies for drug development and clinical trials to identify cardiovascular side effects of new drugs and to identify patients who may respond particularly well to a new treatment. Ultimately, the test will be used to assess people without heart-disease symptoms who are being considered for cardiovascular preventive treatment, or for routine monitoring of the effectiveness of treatments for people who have cardiovascular disease.

The technology builds on methods developed by the flow cytometry and computational biology group of the Path BioResource center within the Penn Medicine department of pathology and laboratory medicine, which pioneered the new cell-based assay and a new analysis method termed cytometric fingerprinting. This method automates the task of analyzing large, complex datasets from flow cytometry of blood vessel cells, while at the same time eliminating unintended analyst bias.

With the support of the UPstart Program within the Center for Technology Transfer at the University of Pennsylvania, the Penn researchers co-founded CytoVas as an early-stage, in-vitro diagnostics company. The team then brought aboard Dr. Pascal Yvon, as the CEO and leader of the commercialization strategy. The UPstart Program works closely with Penn faculty and staff to commercialize intellectual property developed at Penn through the formation and development of entrepreneurial companies.

The Online Revolution: Education for Everyone

PASEF presents *The Online Revolution: Education for Everyone*, a talk by Coursera co-founder Dr. Daphne Koller on October 4 at 5-6 p.m., 200 College Hall.

How will free online learning transform higher education as we know it?

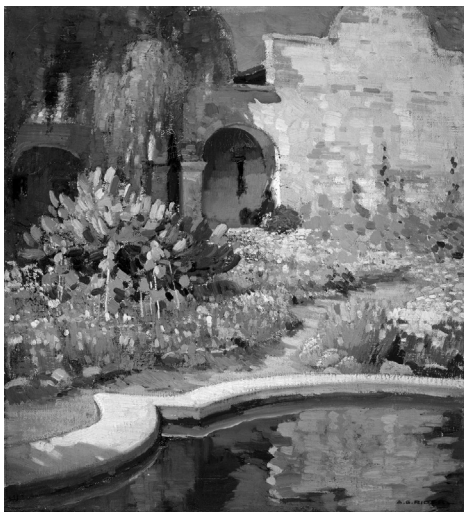
Coursera is a social entrepreneurship company with a mission to make high-quality education available to everyone around the world, for free. Coursera uses video content, interactive exercises and peer-grading to provide a real course experience for students on and off campus. Coursera was launched early 2012 and now has 16 university partners (including Penn) and over 1.3 million students enrolled in its 123 courses, which range from Gamification to Greek and Roman Mythology.

Dr. Koller's talk will address this newest evolution in education, exploring both the pedagogical foundations behind the 'flipped classroom model' and the technological ideas that support them. "We envision millions of people gaining access to the world-leading education that has so far been available only to a tiny few," explained Dr. Koller, "and using this education to improve their lives, the lives of their families and the communities they live in."

Dr. Koller is a Rajeev Motwani Professor in the computer science department at Stanford University. She is the author of over 200 refereed publications and has received the Presidential Early Career Award for Scientists and Engineers (PECASE), the MacArthur Foundation Fellowship, the ACM/Infosys award and membership in the National Academy of Engineering.

Now at the ARG—California Impressionism: Masters of Light from the Irvine Museum

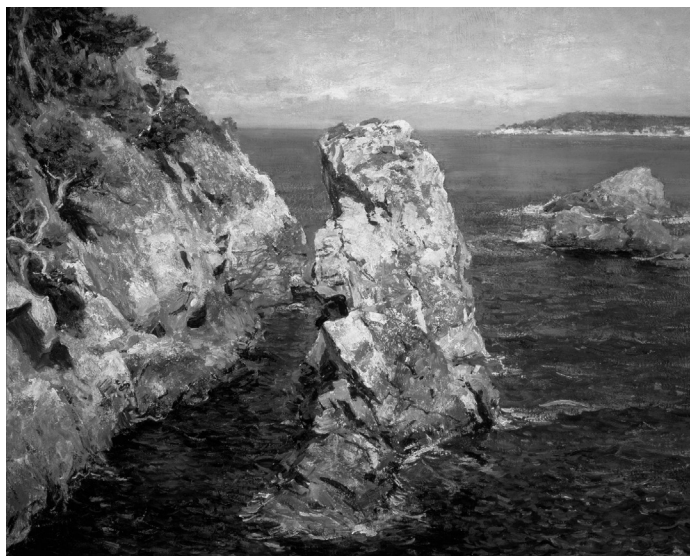
The Arthur Ross Gallery at the University of Pennsylvania is now showing *California Impressionism: Masters of Light from the Irvine Museum*. It continues through October 28. The exhibition presents more than 30 paintings that capture the sublime beauty of California from 1885 to 1931. Lent by the Irvine Museum in Irvine, California, this traveling exhibition includes works by Franz Bischoff, Colin Campbell Cooper, Anna Hills, Granville Redmond and Guy Rose, among others.



Two of the dozens of paintings from the current show at the ARG: *California Impressionism: Masters of Light from the Irvine Museum*.

(Above) *Mission Garden, San Juan Capistrano*, Arthur G. Rider (1886-1975), circa 1929, oil on canvas, 22" x 20", private collection, courtesy of the Irvine Museum.

(At right) *Point Lobos*, Guy Rose (1867-1925), oil on canvas, 24" x 29", The James Irvine Swinden Family Collection.



When the first Impressionist exhibition was held in Paris, France in 1874, art critics derided it as radical art. By the 1880s American artists, inspired by the Impressionists' use of light, color, and optics, flocked to Paris to become students of *plein air* painting. Upon their return, these artists advanced American landscape painting in new ways by incorporating Impressionist techniques.

A series of related programs for *California Impressionism* will be offered this fall at the Arthur Ross Gallery, including:

Talks

Wednesday, October 3 at 5:30 p.m.: a gallery talk, *Impressionism: Sensation and Translation* with André Dombrowski, assistant professor in history of art.

Saturday, October 27 at 11:15 a.m.: a panel discussion (during Homecoming Weekend), *Masters of Light: French and California Impressionism*, André Dombrowski, assistant professor in history of art, and James Irvine Swinden, W'76, president of the Irvine Museum. Moderated by Lynn Marsden-Atlass, Arthur Ross Gallery director and University Curator.

Wine tasting

Thursday, October 25 at 5:30 p.m., tour the exhibition and join in a wine tasting of French and California wines, \$20; reservations required: call (215) 898-2083 or email arg@po-box.upenn.edu

Penn on Coursera

Fifteen Penn professors, including seven from the Perelman School of Medicine, are now signed up to offer free classes through Coursera, www.coursera.org

Penn joined forces with Coursera in the spring, (*Almanac* April 24, 2012) with a dozen professors initially slated to be involved and since then participation has increased as has the enrollment for courses with some attracting 30,000 to 50,000 per course.

Penn Law professor Edward B. Rock was recently named director of open course initiatives (*Almanac* September 4, 2012) to oversee the implementation of Penn's partnership with Coursera.



"Did You Know?" is a monthly series that includes valuable tips to help you get the most out of the benefits and services offered by the Division of Human Resources.

Financing Your Future

Retirement can be financially challenging if you don't plan ahead. Where will you get money? What will you spend it on? How will you keep it from running out?

Get the answers to these questions and more in a video from Vanguard's *People like me®* series. You'll find out how real people plan for retirement so that their money lasts. From cutting down on spending to buying annuities to seeking out professional advice, you'll learn what it takes to secure your financial future. Visit <https://retirementplans.vanguard.com> for more details.

Once you figure out your savings plan, see how Penn can help you meet your goals. Take a closer look at the University's retirement plans, www.hr.upenn.edu/Benefits/Retirement/Default.aspx, to see which one is best for you. If you're not sure, set up an appointment with TIAA-CREF or Vanguard for free, one-on-one retirement counseling, www.hr.upenn.edu/Benefits/Retirement/RetirementCounseling.aspx. Representatives from both carriers can help you determine an investment mix that's right for you.

Losing a Loved One: Funeral Planning Support

Losing someone close to you is one of life's most difficult obstacles. With emotions already running high, planning the funeral can leave you feeling overwhelmed. But help is close at hand.

In partnership with Aetna (Penn's life insurance carrier) and Everest (a nationwide funeral planning service), you have easy access to pre-planning and at-need funeral and concierge services at no cost. Counselors are available 24 hours a day, 7 days a week to help you with the entire funeral process so you can focus on your own grief without being overwhelmed by other details. From funeral costs and financial advice to estate planning and legal services, everything you need to make informed decisions will be right at your fingertips.

All faculty and staff enrolled in any of the University's life insurance plans are eligible for this benefit. For more details, see www.hr.upenn.edu/benefits/insurance/everest.aspx

—Division of Human Resources

UPennAlert Drill: September 28

To the Penn Community:

On Friday, September 28, 2012 beginning at 2:55 p.m. the Division of Public Safety, with the support of the Office of Information Systems and Computing, is conducting the annual test of the UPennAlert Emergency Notification System, in conjunction with a campus-wide Shelter-in-Place awareness drill. This annual test is required for Penn to comply with the Philadelphia Fire Code and the federal Disclosure of Campus Security Policy and Campus Crime Statistics Act.

The test will be conducted through several delivery methods of the UPennAlert System, including personal electronic devices, the DPS website, and the Penn Siren Outdoor System.

A UPennAlert message will be sent by email and SMS text message to all registered members of the UPennAlert Emergency Notification System, notifying them that the message is only a test. When you receive the message on your registered device(s), you DO NOT have to respond or take any additional action. At the same time, the Penn Siren Outdoor System will emit a 15-second siren alert, along with a voice message that indicates that this is a test exercise.

The UPennAlert System's effectiveness depends upon the accuracy of recipients' personal contact information. To register for the system, or to update your contact information, visit www.publicsafety.upenn.edu/UPennAlert and follow the link that best applies to you. All information is secure and confidential. If you have any problems updating your personal contact information, please email the Division of Public Safety at feedback@publicsafety.upenn.edu

For more information on the UPennAlert Emergency Notification System and Shelter-In-Place, please visit: www.publicsafety.upenn.edu/PennReady

Thank you for your participation in helping keep our community safe and secure.

Craig Carnaroli

Executive Vice President

Vincent Price

Provost



Update

September AT PENN

FILM

27 *The Prodigal Son*; screening and discussion with director Kurt Orderson, moderated by Deborah Thomas; 5:30-7:30 p.m.; Center for Africana Studies; RSVP: africana@sas.upenn.edu (Africana Studies).

TALKS

27 *Engaging Past: History in Modern Hindi Short Fiction*; Sunjata Mody, North Carolina State University; noon; rm. 816, Williams Hall (South Asia Center; South Asia Studies).

Jon Kessler at PennDesign; Jon Kessler, Columbia University, discusses his exhibit, *The Palace at 4 a.m.*; 6:30 p.m.; Tuttleman Auditorium, ICA (PennDesign; ICA).

AT PENN Deadlines

The October AT PENN calendar is online at www.upenn.edu/almanac. The deadline for the weekly Update is each Monday for the following week's issue. The deadline for the November AT PENN calendar is Tuesday, October 16.

Today's Eat Local Challenge

Faculty, staff and students are encouraged to join Bon Appétit at Penn Dining today to support the 2012 Eat Local (Fish) Challenge. The challenge features a delicious lunch including dessert that is 100% local. Except for the salt and soda, all ingredients for this meal will come from within 150 miles of Penn. The challenge highlights the chefs' creativity, educates guests about their local, seasonal bounty, showcases local flavor and supports Penn's sustainability efforts.

It will take place in these cafés: Hill House and Kings Court will be 100% local; Houston Market and 1920 Commons will have local food options.

Door fees apply to non-dining plan participants, accepting cash or credit. Dining Dollars and PennCash are also accepted at Houston Market.

—Business Services

Share the Road: Today and Everyday

Today at 11 a.m., the Division of Public Safety and the City of Philadelphia's Police Department will be co-sponsoring the launch of the "Share-the-Road" bicycle safety campaign. The event will be in front of the Penn Bookstore at 36th & Walnut Streets. There will be experts on hand to distribute literature, with many safety supporters on-hand to provide training for pedestrians, bicyclists and motorists, and answer questions prior to the press conference at noon.

The DPS educational campaign targets the University City bicycle and motorist community regarding basic safety practices and City and State laws to allow for a safe riding environment. The event will address the changes in the bike lanes along Walnut Street as well as deliver safety tips for those pedestrians and bicyclists using the South Street Bridge.

This event also includes members from the Bicycle Coalition of Greater Philadelphia, PennCycle, Neighborhood Bike Works, Keswick Cycle, the UA, GAPSA and MERT who will be available on site to answer questions and provide information to the University City community.

Speakers include Chief Dorsey of the University of Pennsylvania Police Department, Sharon McMullen, Director, University of Pennsylvania Campus Health Initiatives, Lieutenant McBride of the Philadelphia Police Department, Captain Fred Carbonara of the Drexel Police Department and Lieutenant Messner of the University of Pennsylvania Police Department.



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 **September 10-16, 2012**. Also reported were 31 Crimes Against Property (20 thefts, 2 acts of vandalism, 3 robberies, 1 narcotic, 1 case of fraud, 1 case of drunkenness and 3 other offenses). Full reports are available at: www.upenn.edu/almanac/volumes/v59/n05/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 **September 10-16, 2012**. 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.

09/10/12	3:23 PM	4200 Walnut St	Complainant assaulted/Arrest
09/11/12	1:55 PM	4000 Ludlow St	Complainant touched inappropriately by unknown male
09/12/12	5:43 PM	3000 Walnut St	Confidential
09/13/12	8:55 PM	3401 Civic Center Blvd	Female assaulted by known male
09/14/12	12:41 AM	3900 Spruce St	Intoxicated male arrested
09/14/12	10:28 AM	100 S 36th St	Complainant assaulted by ex-boyfriend

18th District Report

Below are all Crimes Against Persons from the 18th District: 9 incidents with 2 arrests (4 robberies and 5 aggravated assaults) were reported between **September 10-16, 2012** by the 18th District covering the Schuylkill River to 49th Street & Market Street to Woodland Avenue.

09/10/12	11:35 PM	4200 Spruce St	Robbery
09/11/12	11:50 PM	3935 Baltimore Ave	Robbery/Arrest
09/12/12	11:42 PM	921 S 49th St	Aggravated Assault
09/12/12	11:42 PM	921 S 49th St	Aggravated Assault
09/13/12	1:54 PM	4937 Catharine St	Aggravated Assault
09/13/12	4:25 PM	237 S 45th St	Aggravated Assault/Arrest
09/15/12	4:40 PM	4400 Ludlow St	Aggravated Assault
09/16/12	8:50 PM	4100 Spruce St	Robbery
09/16/12	10:44 PM	4609 Chester Ave	Robbery

Almanac

3910 Chestnut Street, 2nd floor
Philadelphia, PA 19104-3111
Phone: (215) 898-5274 or 5275
FAX: (215) 898-9137
Email: almanac@upenn.edu
URL: www.upenn.edu/almanac

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 Penn website) include HTML, Acrobat and mobile versions of the print edition, and interim information may be posted in electronic-only form. Guidelines for readers and contributors are available on request and online.

EDITOR	Marguerite F. Miller
ASSOCIATE EDITOR	Natalie Woulard
ASSISTANT EDITOR	J. Gordon Faylor
STUDENT ASSISTANTS	Kelly Bannan, Halie Craig, Laura Crockett, Minji Kwak, Andrea Yeh

ALMANAC ADVISORY BOARD: For the Faculty Senate, Martin Pring (chair), Sunday Akintoye, Clifford Deutschman, Al Filreis, Carey Mazer, Devra Moehler. For the Administration, Stephen MacCarthy. For the Staff Assemblies, Nancy McCue, PPSA; Michelle Wells Lockett, WPPSA; Jon Shaw, Librarians Assembly.

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, color, sex, sexual orientation, gender identity, religion, creed, national or ethnic origin, citizenship status, age, disability, veteran status or any other legally protected class status in the administration of its admissions, financial aid, educational or athletic programs, or other University-administered programs or in its employment practices. Questions or complaints regarding this policy should be directed to Sam Starks, Executive Director of the Office of Affirmative Action and Equal Opportunity Programs, Sansom Place East, 3600 Chestnut Street, Suite 228, Philadelphia, PA 19104-6106; or (215) 898-6993 (Voice) or (215) 898-7803 (TDD).



Mixed Sources
Product group from well-managed
forests and other controlled sources
www.fsc.org Cert no. SW-COC-003325
© 1996 Forest Stewardship Council

Commemorating Morris Arboretum's 125th Anniversary

This year marks the 125th anniversary of the land purchase for Compton, John and Lydia Morris' estate that would become the Morris Arboretum. In 1887, the siblings purchased 26 acres of farmland in Chestnut Hill overlooking the Wissahickon Valley with sweeping views of the surrounding countryside. Their purchase would become one of the foremost Victorian gardens of its time and would lay the foundation for a grand public garden and educational institution that defines the Arboretum to this very day.

Today the *Two Lines* sculpture, at the top of the hill, marks the spot where the original Morris estate stood. Theophilus Parsons Chandler, Jr. was hired as the architect to design the house, which was completed in 1888. The Morris family named their home and estate "Compton" after their ancestral home in England. The estate also included a three-level carriage house (now the Widener Education Center) with horse stables. Between 1892 and 1910, John and Lydia purchased adjacent parcels of land to create additional garden areas and features. Eventually, with the purchase of Bloomfield Farm in 1913, their property encompassed more than 166 acres.

From the beginning, the Morris family shared a great vision for their estate, actively planning that one day the grounds would become a public garden, and, more importantly, an educational institution. The Morris family employed a large gardening staff from the local community who assisted them in adding garden features and many new and unusual plants to the landscape. As avid collectors and frequent travelers to Europe and Asia, the Morris family created at Compton an American Victorian eclectic garden, a unique compilation of gardens and garden styles, unlike any found elsewhere in the US or world.



Lydia Morris

Specimen trees, formal garden elements, open lawns and European and Japanese influences were unified within the classic setting of an English romantic landscape. John Morris worked with leading plant explorers of his time and added specialized structures to the estate, such as the fernery, log cabin and Mercury Loggia, which still grace the Arboretum today.

The I.P. Morris Company, an iron-manufacturing firm founded by their father and later run by John Morris, was a source of family wealth. Committed to education, the Morris family sought to preserve their estate as a botanical garden and school for horticulturists. After John's death in 1915, Lydia continued to cultivate the grounds and gardens. In 1924, she bequeathed Compton to the University of Pennsylvania for use as an educational and research facility. When Lydia died in 1932, the estate was left in trust to the University of Pennsylvania with a value of \$4 million. One hundred and twenty five years later, the Arboretum continues to reflect the vision of John and Lydia.

to the University of Pennsylvania for use as an educational and research facility. When Lydia died in 1932, the estate was left in trust to the University of Pennsylvania with a value of \$4 million. One hundred and twenty five years later, the Arboretum continues to reflect the vision of John and Lydia.



Compton, (above) John and Lydia Morris' estate that would become the Morris Arboretum in 1933. The mansion, completed in 1888, offered sweeping views of the brother and sister's 26 acres of farmland that grew to be one of the leading Victorian gardens of its time. It was demolished in 1968 due to extensive deterioration.



Two Lines Variable Thirty Feet (above) created by George Rickey (American, 1907-2002), moves and changes over time. Stainless Steel, 1988, gift of Nancy Peters Ryan (Penn, Class of '61) and Richard J. Ryan. It was dedicated in 1993 to the wonder of children and to the vision of Dr. William McKinley Klein, Jr., director of the Morris Arboretum, 1977-1991.

On July 4, 2009 a much anticipated new exhibit called *Tree Adventure* opened, featuring *Out on a Limb*, a striking 450-foot-long walkway that soars above the ground. It explores the relationship between plants and people and communicates to visitors that in our communities we need trees and trees need us. The permanent nationally award-winning exhibit, *Out on a Limb*, adds to the Arboretum's allure by transporting visitors 50 feet up into the treetops on a canopy walk that requires no climbing.

In 2011, the Arboretum was awarded the highest rating, LEED Platinum by the US Green Building Council (USGBC) for its Horticulture Center at Bloomfield Farm. The Horticulture Center is the first LEED Platinum certified building for the University of Pennsylvania, and only the second among not-for-profit organizations in the state of Pennsylvania (*Almanac* January 31, 2012).

The Morris Arboretum of the University of Pennsylvania is located at 100 East Northwestern Avenue in the Chestnut Hill section of Philadelphia. The 92-acre horticulture display garden features a spectacular collection of mature trees in a beautiful and colorful landscape. It includes numerous picturesque spots such as a formal rose garden, historic water features, a swan pond and the only remaining freestanding fernery in North America.

Celebrating 125 Years

Curators' Panel: Reflections from Past and Present

This Thursday, September 27, Arboretum curators from the past four decades will share insights into the development and management of the plant collection over the years, illuminating the greatest challenges they faced, their accomplishments and the lasting impact of their work. Featured curators will include:

Gary Koller, 1973-1976
Paul Meyer, 1976-1991
Rick Lewandowski, 1991-1998
Anthony Aiello, 1998-present

The panel will be moderated by Bill Thomas, executive director of Chanticleer Foundation.

4-5:30 p.m. Curators' panel discussion
5:30-6:30 p.m. Reception at *Out on a Limb*

To register, visit: <https://online.morrisarboretum.org/curators>
\$30/non-members; \$25/members.

For more information, visit www.morrisarboretum.org