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Dennis DeTurck: Robert A. Fox Leadership Professor



Dennis DeTurck

Dr. Dennis De-Turck, G '80, dean of the College, and professor of mathematics, has been named the Robert A. Fox Leadership Professor, SAS Dean Rebecca W. Bushnell has announced.

He has been dean of the College since 2005, with responsibility for undergraduate curricula, programs and students in all departments

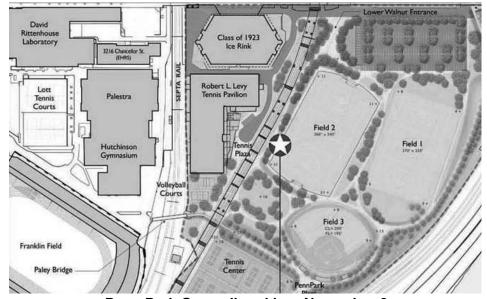
and non-departmental programs in the School of Arts and Sciences. He directs the College office, together with its staff of advisers, and works with the dean of SAS on planning and priorities for undergraduate education in the arts and sciences.

A member of the mathematics faculty since 1982, he has authored more than 50 papers on pure and applied mathematics. His work centers on partial differential equations and differential geometry, where has produced results concerning Ricci curvature and flow, isospectral deformations and geometric knot theory, and he has

written on applications of geometry to medicine and computer science. He also is managing editor of the American Mathematical Society's *Contemporary Mathematics* book series.

He has long been a distinguished and dynamic presence in undergraduate education at Penn. His teaching has been recognized by a host of honors including the SAS Ira Abrams Award, the University's Lindback Award and the Mathematical Association of America's Haimo Award for Distinguished Teaching. He currently serves as faculty master of Riepe College House.

The Robert A. Fox Leadership Professorship was one of three chairs established by Robert A. Fox, C '52, and his wife Penny Grossman Fox, Ed '53, in association with the Robert A. Fox Leadership Program. Mr. Fox is the chairman and CEO of R.A.F. Industries Inc. He is an emeritus trustee at Penn and served on the Penn Medicine Board of Trustees and the Athletics Board of Overseers. In 1999, he received the Alumni Award of Merit. Mrs. Fox serves on the boards of the Philadelphia Museum of Art. the Moore College of Art and Design and the Pennsylvania Ballet. In addition to founding and endowing the Fox Program, the Foxes support a variety of areas of Penn, including medicine, athletics, undergraduate financial aid, and student life



Penn Park Groundbreaking: November 6

The Penn community is invited to "experience the Penn Connects story as it unfolds." A ceremonial groundbreaking will be held at Penn Park on Friday, November 6, 1-2 p.m. The event tent will be located east of Levy Tennis Pavilion, at the west gate to the Penn Park site (where the star is located on the map). Penn Park is a 24-acre site on the eastern edge of the campus, offering beautiful views of the Center City skyline located along the Schuylkill River between Walnut and South Street. The Park will expand Penn's athletic and recreation facilities within a broader public open space. The primary facilities will include: multi-purpose artificial fields (one enclosed by a seasonal air structure), outdoor tennis courts, and associated program elements consisting of restrooms, spectator seating and parking. The landscape architect is Michael Van Valkenburgh Associates, Inc. It is expected to be completed by summer 2011. For more information on the Penn Connects campus development plan, visit www.pennconnects.upenn.edu.

\$8 Million from NIH for Regenerative Medicine Research



Edward Morrisey

University Pennsylvania School Medicine researchers, along with colleagues at the University of Washington and the University of Toronto, have received \$8 million for stem-cell research. The Penn group is one of nine research hubs awarded \$170 million over the next seven years by the National Heart, Lung, and

Blood Institute (NHLBI) to develop the highpotential field of stem- and progenitor-cell tools and therapies.

The awards create the NHLBI Progenitor Cell Biology Consortium, which will bring together researchers from the heart, lung, blood, and technology research fields. The consortium assembles multidisciplinary teams of principal investigators and an administrative coordinating center to focus on progenitor cell biology.

While a stem cell can renew itself indefinitely or differentiate, a progenitor cell can only divide a limited number of times and is often more limited than a stem cell in the kinds of cells it can become. Given the potential of these cells for clinical applications, the goals of the consortium are to identify and characterize progenitor cell lines, direct the differentiation of stem and progenitor cells to desired cell fates, and develop new clinical strategies to address the unique challenges presented by the transplantation of these cells.

The grant's principal investigator, Dr. Edward Morrisey, professor of medicine and cell and developmental biology and scientific director of the Penn Institute for Regenerative Medicine, and colleagues will determine how certain signaling pathways—ordered sequences of biochemical reactions inside cells—affect cardiac and blood-forming cell development and cardiac regeneration and repair. The team will also study whether these pathways, namely Wnt and Notch, may be harnessed for therapeutic applications.

For information on the NHLBI awards go to: www.nih.gov/news/health/oct2009/nhlbi-07.htm

IN THIS ISSUE

- Prescription Drug Coverage and Medicare; Death, Memorial; 25 Years of Intercultural Service
- 3 Council: State of the University— Reports of the President and Provost
- 6 One-Step Ahead: Security & Privacy Tip; SP2 Masters Programs; Dual-Degree Masters Program in Environmental Studies and Government Administration; Sustainable Development Studies; Penn's Way Prizes & Winners
- 7 Native American Dance Troupe; Penn Travel Services' Website; Update; CrimeStats; Classifieds
- 8 H1N1 Flu Shots for Penn Faculty and Staff Eligible Under CDC Guidelines

Prescription Drug Coverage and Medicare

Please read this notice carefully and keep it where you can find it. This notice has information about your current prescription drug coverage with University of Pennsylvania and about your options under Medicare's prescription drug coverage. This information can help you decide whether or not you want to join a Medicare drug plan. If you are considering joining, you should compare your current coverage, including which drugs are covered at what cost, with the coverage and costs of the plans offering Medicare prescription drug coverage in your area. Information about where you can get help to make decisions about your prescription drug coverage is at the end of this notice.

There are two important things you need to know about your current coverage and

Medicare's prescription drug coverage:

1. Medicare prescription drug coverage became available in 2006 to everyone with Medicare. You can get this coverage if you join a Medicare Prescription Drug Plan or join a Medicare Advantage Plan HMO or PPO that offers prescription drug coverage. All Medicare drug plans provide at least a standard level of coverage set by Medicare. Some plans may also offer more coverage for a higher monthly premium.

2. The University of Pennsylvania has determined that the prescription drug coverage offered by the University of Pennsylvania is, on average for all plan participants, expected to pay out as much as standard Medicare prescription drug coverage pays and is therefore considered Creditable Coverage. Because your existing coverage is Creditable Coverage, you can keep this coverage and not pay a higher premium (a penalty) if you later decide to join a Medicare drug plan.

When Can You Join a Medicare Drug Plan?

You can join a Medicare drug plan when you first become eligible for Medicare and each year from November 15th through December 31st.

However, if you lose your current creditable prescription drug coverage, through no fault of your own, you will also be eligible for a two-month Special Enrollment Period (SEP) to join a Medicare drug plan.

What Happens to Your Current Coverage if You Decide to Join a Medicare Drug Plan?

If you decide to join a Medicare drug plan and waive your Penn prescription drug coverage, be aware that you and your dependents will not be able to enroll in the company sponsored prescription plan in the future unless Medicare's change in policy adversely affects your coverage.

When Will You Pay a Higher Premium (Penalty) to Join a Medicare Drug Plan?

You should also know that if you drop or lose your current coverage with the University of Pennsylvania and don't join a Medicare drug plan within 63 continuous days after your current coverage ends, you may pay a higher premium (a penalty) to join a Medicare

If you go 63 continuous days or longer without creditable prescription drug coverage, your monthly premium may go up by at least 1% of the Medicare base beneficiary premium per month for every month that you did not have that coverage. For example, if you go 19 months without creditable coverage, your premium may consistently be at least 19% higher than the Medicare base beneficiary premium. You may have to pay this higher premium (a penalty) as long as you have Medicare prescription drug coverage. In addition, you may have to wait until the following November to join.

For More Information About This Notice or Your Current Prescription Drug Coverage:

Contact Retiree Assist at 1-866-789-7366 for further information.

NOTE: You will receive this notice each year. You will receive it before the next period you can join a Medicare drug plan, and if this coverage through the University of Pennsylvania changes. You also may request a copy of this notice at any time.

For More Information About Your Options Under Medicare Prescription Drug Coverage: More detailed information about Medicare plans that offer prescription drug coverage is in the "Medicare & You" handbook. You'll get a copy of the handbook in the mail every year from Medicare. You may also be contacted directly by Medicare drug plans.

For more information about Medicare prescription drug coverage:

Visit www.medicare.gov

• Call your State Health Insurance Assistance Program (see the inside back cover of your copy of the "Medicare & You" handbook for their telephone number) for personalized help.

• Call 1-800-MEDICARE (1-800-633-4227). TTY users should call 1-877-486-2048.

If you have limited income and resources, extra help paying for Medicare prescription drug coverage is available. For information about this extra help, visit Social Security on the web at www.socialsecurity.gov, or call them at 1-800-772-1213 (TTY 1-800-325-0778).

Remember: Keep this Creditable Coverage notice.

If you decide to join one of the Medicare drug plans, you may be required to provide a copy of this notice when you join to show whether or not you have maintained creditable coverage and, therefore, whether or not you are required to pay a higher premium (a penalty).

-Division of Human Resources

Death

Ms. Kuehner, Office of the Secretary

Trudy J. Kuehner, managing editor of The Annals and interim executive director of the AAPSS, died on October 26 from cardiac arrest, at the age of 49.

Since August, Ms. Kuehner had been serving as managing editor of The Annals of the American Academy of Political and Social Science. The journal is produced every other month by the Academy, which is an independent organization housed at the Fels Institute of Government at Penn.

Previously, she served as the executive assistant to then President Sheldon Hackney, 1991-1992, and then worked in the Office of the Secretary, 1992-1996, where she was the coordinator for the Board of Trustees and then the Assistant Secretary of the University.

Prior to joining AAPSS, she had served as the managing editor of Orbis, 2001-2007, and was then associate director of the Marvin Wachman Fund for International Education at the Foreign Policy Research Institute, 2007-2009.

Ms. Kuehner was a Penn alumna, graduating summa cum laude in 1991 with a BA in history.

Ms. Kuehner is survived by her husband, Norm Spielberg; and four sisters, Linda Steward, Tina Lippincott, Cathy Kuehner, and Wendy Steward.

Memorial Service: Ms. Keeler

A memorial service will be held for Eleanor "Ella" Keeler, a British exchange student, on Wednesday, November 4 at 7 p.m. in Amado Recital Hall, Irvine Auditorium. Ms. Keeler passed away October 2 at the age of 20 (Almanac October 13, 2009).

To Report A Death

Almanac appreciates being informed of the deaths of current and former faculty and staff members, students, and other members of the Penn community. Call (215) 898-5274 or e-mail almanac@upenn.edu.

25 Years of Intercultural Service

The Albert M. Greenfield Intercultural Center (GIC) was established in 1984 as one of the first centers on Penn's campus. It was specifically designed to support students of color, and its goal was to bring students together across all communities at Penn in order to make all students feel welcome and included in the dialogues around diversity.

In 2009, the GIC celebrates 25 years of building intercultural communities at Penn. Their mission

has expanded over the years, and they now work with many more campus centers, student groups, and faculty with similar goals.

To celebrate this milestone, the GIC is holding a symposium, Re-Imagining America: Dialogues on Change on November

5-6, in Claudia Cohen Hall. Highlights include:

November 5

5-8 p.m.-Opening Keynote Lecture; Stephen Black C'93, director of the Center for Ethics and Social Responsibility at the University of Alabama and Marc Lamont Hill GR'05, associate professor of education at Columbia University's Teachers College. Cost: \$15.

November 6

9:30-10:45 a.m.-Art and Change: The Cultural Aesthetics of Community Transformation.

11 a.m.-12:15 p.m.-Race, Class, and Invisibility: Communities Confronting Inequalities.

2-3:15 p.m.–Innovations in Education Reform: New Solutions for Philadelphia.

3:30-5 p.m.-Public Health Disparities: Local and National Communities.

To register, visit www.vpul.upenn.edu/gic/ 25th/index.php.

COUNCIL: State of the University

President Amy Gutmann

When I became Penn's president five years ago, I set out to build more successful partnerships between the arts and sciences and the professions. Today, I'd like to begin my report by updating you on our efforts to better integrate knowledge—a key goal of our Penn Compact.

I say "to better integrate knowledge" because the goal did not ma-

terialize out of ether. Penn faculty members have been integrating knowledge-and collaborating across disciplinary boundaries-for quite some time.

In fact, we recently got a nod from one of this year's Nobel Laureates in Economics-Dr. Oliver Williamson. Dr. Williamson began his academic career at Penn in 1965 and was a member of the faculty until 1983. At a press conference to discuss the award, he lauded the interdisciplinary climate at Penn, noting that he "related immediately to the idea that the social sciences should communicate with one another, and that there are boundaries that we ought to be prepared to cross.'

We made quite an impression on Dr. Williamson, but our strength in interdisciplinary inquiry has done more than launch individual careers. It has also supported new and growing fields.

Our Mahoney Institute is the oldest interdisciplinary neuroscience institute in the nation, and it has been bringing together faculty from diverse disciplines since 1953, creating a strong foundation for our new Penn Integrates Knowledge Neuroscience Initiative—a plan to expand our strengths in neuroscience by adding five additional PIK professors and more programmatic funding.

The new neuroscience professors will join our existing cohort of PIK Professors. Since I announced the University-wide initiative in 2005, we have recruited ten exceptional faculty members to Penn. This summer, we welcomed Dr. Shelley Berger, a world-renowned genetics researcher, and Dr. Karen Glanz, a globally influential public health scholar.

Our PIK professors exemplify the integration of knowledge across disciplines. They have been doing some truly transformational work here at Penn.

For example, under the direction of James W. Effron University Professor John Gearhart, our Institute for Regenerative Medicine is translating advances in stem cell and regenerative biology into therapeutic applications and also building capacity in our elementary and secondary schools. The new Bridge to ReBio program introduces high school students in Philadelphia to the field of regenerative medicine through work with research teams led by Penn students.

PIK Professor Sarah Tishkoff continues to make groundbreaking contributions to the field of human genetics. This past spring, an international team led by Dr. Tishkoff published the results of the largest study of African genetic diversity ever completed. The results of the study—and the identification of humanity's possible location of origin—captured the world's imagination and primetime news coverage.

In recognition of her work, Dr. Tishkoff recently received one of the National Institutes of Health's most prestigious awards—the NIH Director's Pioneer Award, which is presented to "scientists of exceptional creativity who propose pioneering—and possibly transforming approaches to major challenges in biomedical and behavioral research.

The list of achievements goes on and on. From Dr. John Jackson's studies of global Black Hebrewism and Dr. Jonathan Moreno's thought-provoking new book on the future of technological innovation to Dr. Adrian Raine's examination of the neurological underpinnings of violent behavior and Dr. Chris Murray's manipulation of matter at the nanoscale, our PIK professors are doing amazing work.

Those of you keeping count know that I've omitted two of the PIK Professors. That's because I've asked them to address Council today.

First, we'll hear from Dr. Robert Ghrist, the Andrea Mitchell University Professor. Dr. Ghrist is an applied mathematician and holds joint appointments in the Department of Electrical and Systems Engineering in the School of Engineering and Applied Science and the Department of Mathematics in the School of Arts and Sciences

Dr. Ghrist uses some of the most abstract concepts in math to seek solutions to pressing engineering problems. His research in advanced topological methods has yielded new ways of ensuring coverage in sensor networks and coordinating the communication of multiple robots.

He is not only one of the best applied mathematicians in the world, but also a passionate educator with a knack for making the abstract digestible. Our students rave about his courses, and his handwritten notes are some of the most creative I have ever seen.

Dr. Ghrist is an innovative scholar and dynamic teacher, who is absolutely devoted to mathematics. I call on the Andrea Mitchell University Professor, Dr. Robert Ghrist.

Robert W. Ghrist, Andrea Mitchell Uuniversity Professor

Thank you, President Gutmann. Let me say to you all how grateful I am for your courtesy in listening to a talk about, essentially, mathematics. Let me take away your suspense: no formulae, and no quiz. Promise!

Penn's Integrating Knowledge program holds a special appeal to me, as a mathematician. You see, I love integration. Of course, I'm fond of differentiation as well, and am perfectly at peace with limits, linearity, sequences, series, contours, cohomologies, and all kinds of calculus.

Calculus, in particular, forms the focus about which Mathematics research and pedagogy orbits. The calculus of Newton and Leibnitz is a zenith of human thought. It is a true pleasure to train our students in the art and implementation of the calculus, in no small part because it is so easy to connect them to the cutting edge research that Penn conducts.

Much of my current research is focused on building new calculi for sensor networks. If you look about the room, you are sure to see a whole host of sensing devices: audio sensors, thermostats, motion detectors, etc. Penn's campus has over 180,000 sensors as part of its heating/cooling system.

However, the most sophisticated and ubiquitous sensors in the room are the ones you are using to listen and look.

Many of the emerging problems in this domain concern, precisely, a problem of integration, of turning local signals into global meaning. For example, could the collection of cell phones in this room collaborate to determine the size and shape of the room? Whether and where there might be H1N1 present? Or a radiological substance?

From monitoring the environment, to monitoring your heart rate and blood circulation, ubiquitous sensor networks are poised to impact society in dramatic ways. But in order to help the "walls wake up" we need the mathematics to complement the machines.

I am leading a team of researchers in a 4-year \$8 million DARPA-funded project on Sensors to develop the mathematics crucial to ubiquitous sensing. One important product of this project has been the creation of a new calculus, built specifically for sensor networks. This integral calculus comes from a branch of Mathematics-sheaf theory-that, even among mathematicians, has a reputation for being abstract, unapplied, and perhaps inapplicable. Not so

I would love to tell you some details, but I'm afraid there's not quite enough room at the margin of my talk for precise theorems and proofs. Suffice to say we are developing a new calculus for data with the same language of integration that we teach to our youngest scholars, while leveraging the depths of Mathematics generated by its eldest luminaries. This is what the Penn's PIK program is accomplishing.

Now, that there are many kinds of calculus in the world comes as a surprise to most people, yet mathematics is constantly evolving new species of structures. If, donning an engineer's cap, I tried to convince you of progress, I would find ready assent: consider your cell phone, your iPod, your Kindle, your tablet.

You may know Moore's Law, which states the number of transistors on an integrated circuit is exponential: it predicts, accurately, dramatic improvement in processor performance, with corollaries to memory, storage, speed, and more. Hardware improves.

What about mathematics? It is a common misconception that mathematics, like Shakespeare's Folio, is a complete work, with nothing more to do than work out little bits at the margin. Nothing could be further from truth.

Indeed, mathematics has grown at an exponential clip not unlike the semiconductor industry.

Margaret Wright, a mathematician at NYU, did the following thought experiment. Consider Linear Programming, or "LP" problems, a class of optimization problems important in scheduling air traffic, communications, manufacturing, and design. Every trip you plan on Orbitz, every Amazon purchase, every GPS routing, requires the solution of one or more LP problems.

Imagine it's the 1970s and, in a burst of lights and disco music, a human from the future appeared in a time machine, Starbucks in hand, to make you the following offer: you can have the top supercomputer from the year 2001 OR you can have the top theorems & algorithms from 2001, but you have to run them on your disco-1000 IBM mainframe. Which would you choose? Machine? Or mathematics?

Knowing Moore's Law, you would clearly choose the 21st century machine! And you would have chosen poorly. Not only would the algorithms of the future weigh less (and cost less!), they would be superior. Mathematics, too, is exponential.

This example works because there is clear communication between mathematicians and scientists in the realm of LP problems. But the sciences abound with difficult problems, harder to communicate, the mathematical tools for which may already exist, but lie buried under layers of abstraction until unearthed and recognized as such.

In order to take advantage of and direct the exponential growth in mathematical tools, we need, desperately, a better transfer of technology between the mathematical arts and the engineering, physical, life, and social sciences, with ideas flowing in both directions. It is to that goal that Penn's PIK program can have immediate and dramatic impact.

COUNCIL: State of the University

President Amy Gutmann

Next, we'll hear from Richard Perry University Professor Philippe Bourgois. Dr. Bourgois is a medical anthropologist and holds appointments in the department of anthropology in the School of Arts and Sciences and the department of family practice and community medicine in the School of Medicine.

His work has transformed our understanding of at-risk urban populations. Through participant-observation fieldwork with drug addicts and homeless people, he has illuminated the day-to-day realities of life on the street and has challenged overly simplistic approaches to some of society's most complex problems.

From December to March, our Penn Museum will showcase Dr. Bourgois' work with homeless drug addicts in southern San Francisco. The exhibit, *Righteous Dopefiend: An Ethnographic Representation of Homelessness, Addiction and Poverty in Urban America*, will include field notes, photographs, and tape-recorded conversations from the 12-year study.

In his current research, Dr. Bourgois is bringing together anthropologists, clinicians, epidemiologists, and public health experts to study HIV risk and HIV-medication adherence among homeless heroin injectors. I call on the Richard Perry University Professor, Dr. Philippe Bourgois.

Philippe Bourgois, Richard Perry University Professor

I am at the intersection at the fields of cultural anthropology and medicine and public health. I bring in the theories, questions, concerns and commitments of these different disciplines. I teach in the School of Arts and Sciences and in Penn's new Public Health Master's Program, which itself is a fascinating multidisciplinary program that spans all the schools in the University.

My work in a nutshell is dedicated to analyzing the negative health effects of social inequality. Primarily, I've been focusing on violence, substance abuse and HIV, and the ways that life chances are limited by larger political, economic and socio-cultural structures, and the way suffering gets distributed unequally across the world and within nations and across specific vulnerable populations, that can be changed and intervened upon.

For the past 25 years, I've been doing what we call in anthropology participant observation ethnographic fieldwork on the phenomenon of what I call, US inner city apartheid. That is to say, that dramatic phenomenon of class and ethnic segregation that we have in the heart of all our major cities. What used to be called the ghetto and that is something that is unfortunately taken for granted all too often in our country.

It causes, of course, a tremendous amount of human suffering, a tremendous amount of violence and a tremendous amount of thwarted life chances. I just finished this book that Amy just alluded to, called *Righteous Dopefiend*. It was based on, I'm embarrassed to say, 12 years of hanging out with a social network of homeless heroin injectors that survived in the streets surrounding where I lived in San Francisco. They smoked crack, injected heroin and drank alcohol and represented the tragic statistics that we have of early death, premature death and unnecessary shortened lives.

I co-authored that book with a former student, Jeff Schonberg, and its his photographs that we're going to be using in the Penn Museum show. They are interweaved with our fieldwork notes and transcriptions from interviews and theoretical and anthropological analysis. Basically analyzing the survival strategies of the homeless and the institutions and forces that try to deal with them, and often make their lives worse, rather than better.

It was funded through the National Institutes of Health, as an HIV prevention project, so it has a strong applied component on how to make services for indigent addicts more effective, what policies need to be changed and what services introduced, expanded and modified.

My project before that, came out as a book called, *In Search of Respect: Selling Crack in El Barrio*, and it drew from five years I spent living with my family next to a crack house. Actually, I didn't mean to live next to a crack house, the crack hit a couple months after I moved in 1984 and that came out, as a book about their daily lives and the lives of their families and their interactions with social services, the labor market and the recourse they had taken to get a piece of the American pie through the tragedy of drug dealing.

Before that, I worked in Latin America, and wrote a book on Chiquita bananas, essentially, on a United Fruit Company plantation in the middle of nowhere in the jungle. No one read that book.

And now, as Amy just mentioned, I'm just beginning a project on violence and HIV among young heroin and cocaine sellers and addicts on a block in North Philadelphia's Puerto Rican community. I expect it to be in my next book, and hopefully it won't take 12 years this time. Philadelphia is an extraordinary place to be studying the phenomena of the US inner city and the tragedy of violence and substance abuse. Of all the ten largest cities,

we have the highest rates of poverty and in 2006, we actually had the highest murder rate, tragically.

We also, to my surprise, have the highest proportion of vacant properties and abandoned buildings, higher even than Detroit. But it is also a city with tremendous potential, located in a strategically wealthy part of the country, with some of the best educational and health institutions in the country concentrated here.

I look forward to my next years here and thanks for making it possible to work at the intersection of so many fields.

President Amy Gutmann

Our PIK Professors understand that no single person, however well educated, can possibly integrate all the relevant knowledge needed to address the world's most difficult problems.

They have met this challenge by distinguishing themselves in their disciplines, embracing teamwork, and welcoming collaboration to the benefit of their diverse fields of interest.

And they are hard at work making the connections and building the teams needed to make significant contributions to our country and our world.

I am very proud of our strides to integrate knowledge at Penn, and I am looking forward to more PIK appointments in the near future.

I'd like to conclude my report on the State of the University with an update on the status of construction projects on campus. We have made tremendous progress over the last few months on several projects that will invigorate campus and provide new space for the Penn community.

I would like to call on David Hollenberg, University Architect, and Anne Papageorge, Vice President of Facilities and Real Estate Services. They will complete my report by giving us an update on projects that are near completion or underway.

David Hollenberg, University Architect

It's a pleasure to be here. I think it's safe to say that Penn is undergoing a physical transformation that is unlike any in its history. That transformation is attracting design talent from across the country—indeed, from around the globe. Though we could spend a lot of time showing you multiple projects, we want to focus on highlights of projects that are recently completed or in the midst of construction.

It's worth stepping back briefly, to talk about the Penn Connects plan. The Plan was triggered by the acquisition of the postal lands to the East, but it is certainly not governed by it. That acquisition was the opportunity for us to take a look at the campus as a whole, and that planning was done in accordance with those principles.

Penn has specifically articulated design principles through which we aspire to do the best buildings of our time. That's our history. We don't have an architectural style, we have this architectural principle—to always do our best. So it's helpful to remember that some of our revered historic buildings were new ones and indeed edgy once, and that we are carrying on that tradition. The priorities in the campus development plan that led to the Penn Connects plan are outlined here, and I think these are all familiar to us as both needs and responsibilities that Facilities is directly responsible for.

Annenberg Public Policy Center is a very prominent building in the middle of the campus on 36th Street, designed by internationally renowned architect Fumihiko Maki. Its official opening is actually next week, but people have already moved in. Mr. Maki has won the Pritzker Prize, which some say is kind of the Nobel Prize for architects. This building furthers his lifelong work in sophisticated exterior wall systems and a very refined Japanese sensibility that I think shows exquisite detail. This building gets richer the more you look at it. You may have noticed every day that it looks a little different, and the sliding panels on the wood walls can be manipulated by the building occupant. By sliding them, they control not only daylight but also the mechanical performance in each room. So this curtain wall is actually not only beautiful, but functional, and gives a high degree of flexibility to each occupant.

College House renovations have been going on for many summers and have utterly transformed these major residential high rise buildings. This is a project that accumulates many very small and repetitive gestures in a way that becomes transformative: fixing kitchens, plumbing, lounges, bedrooms, safety systems, windows. Over time these are new buildings, repurposed buildings. We are both thrilled and astonished at the results of this work, very tough work logistically because it all has to happen in only three months every summer.

This summer we extended that skill set to the low rise Du Bois College House. And those of you who know this building know that it has also been utterly transformed by a series of small repetitive moves that add up to something very wonderful.

Penn Medicine, off 34th and Spruce, is a very significant piece of construction. It houses both clinical and research activities, and it does so in a

way that plans for their interaction.

The Music Building, on 34th Street, includes rehabilitating an historic building and adding to it. Historic preservation is one of the strong contributors to our Campus's character, and we are realizing not only how wonderful that is for our physical environment, but how deeply sustainable it is to reuse and repurpose our buildings. It may be one of the most deeply sustainable things we do. The historic building is primarily going to be used for offices for the music faculty. Those uses that have more acoustic requirements are going to be in the addition.

Morris Arboretum is a great asset. They are in the midst of building this horticultural center, which is a prelude to a new educational center. The Arboretum is a great collection of trees and plants from all over the world, which itself has a very rich physical history. This project is going to enable them to do both better maintenance and better education. This is going for LEED certification, which is a measure of sustainability. This particular one, because of the environmental mission of the arboretum, is going for the highest possible certification. Platinum.

With the Weiss Pavilion, we are enclosing the very large arches on the north façade of Franklin Field to create recreational and training space and also to serve the deeper urbanistic purpose of enlivening the walk from the core of the campus to Penn Park. This has a program very similar to Pottruck. It will include a retail component with some kind of food service there. The intent is not only to provide this facility, but to enliven this end of the campus and to frame the future remake of the open space in front of the Palestra.

Penn Park is one of the most amazing projects that's going on in this city. 24 acres of park. Creating new open space at this scale and this time is astonishing, and a real statement about our commitment to both sustainability and to Penn Connects. This is a gift not only to the campus, but to the city.

Anne Papageorge, Vice President, Facilities & Real Estate

I would add in closing that these are a sequence of projects that are moving Eastward, and I think it will continue the wonderful green, pedestrian campus that we have, towards the river. When it's all done, it really is going to be fabulous. All of what we talked about today will be completed by 2011, and we have a few other projects that move into 2012-2014. You can find out about all of this, with regular updates on the Penn Connects website.

Provost Vincent Price

It's my pleasure to give you a brief overview of the state of the University today.

As Penn's new Provost, one of my first priorities has been to take a consultative role in academic affairs.

To this end, I'm in the process of conducting half-day site visits to all of Penn's 12 schools, meeting with Deans, chairs, and faculty, as well as touring buildings and other facilities. The purpose of these visits is to learn, first-hand, not only what we are doing well—which fortunately is most things—but also where we have some challenges. They have provided an opportunity to discuss coordination of academic programs and staffing, new initiatives, finances, and communication within and among schools.

In essence, it's a learning tour, with the goal of having a dialogue with as many University stakeholders as possible, so we can make informed decisions going forward. These site visits should wrap up in the spring.

I'm happy to report that Penn's world-class faculty remains as strong as ever, and we're in the process of adding some new programs and initiatives to enhance our core strengths and continue to increase and support diversity.

Naturally, we're increasing diversity through recruitment: Among faculty, the overall percentage of minority members has grown in the past 15 years from 8.9% to 16.6%. Well over a quarter of new faculty hires in recent years have been members of minority groups. The percentage of women faculty has also grown, from under 20% to nearly 29% over the same period. And this year we are launching a new Women's Faculty Forum.

We're also concentrating on developing our faculty across the ranks and throughout the professional life-span. We've mandated that all 12 schools develop mentoring programs for junior faculty and enhanced annual reviews for all faculty members. We've also instituted year-long leadership training programs for our chairs, to help them better lead and manage their departments effectively.

We've added a program of workshops for faculty search committees, to encourage best practices, offer them resources for dual-career couples, and help them recognize and address unconscious bias in hiring.

We have also pursued a number of new family-friendly policies, among them adjustment of mandatory review periods for faculty bearing children, increased flexibility for reductions in duties, and an adoption benefit. I'm happy to report that Penn continues to be at the forefront of critical interdisciplinary research. Addressing research from a broad and varied range of viewpoints reflects Penn's strong belief in diversity of thought: Not only for its own sake, but also because tackling complex problems demands that we avoid narrow disciplinary perspectives.

Let me give just two brief examples. First, our new Center for Neuroscience and Society is an outgrowth of our strong and expanding programs in neuroscience and is a coalition of a number of schools and departments, focusing on the complex social, ethical, and legal challenges posed by scientific advances.

Along similar lines, the School of Engineering and Applied Science, working closely with several other schools, has just begun a pioneering program in Market and Social Systems Engineering, which analyzes new technologies—such as Google and Facebook—from cross-disciplinary perspectives.

such as Google and Facebook—from cross-disciplinary perspectives.

Penn has received significant funding from the American Reinvestment and Recovery Act, approximately \$160 million in stimulus funding for research grants. While this is obviously a welcome development, we also recognize the importance of being prepared for some decline in funding as the stimulus money works its way through the system.

Let me now turn to initiatives on the student side. As you know, Penn welcomed its strongest and most diverse freshman class in our history this fall. Just a few numbers: Forty percent of our incoming freshman identified themselves as African American or Black, Latino, Asian or Asian American, or Native American. Thirteen percent of the class is from countries other than the US, and about 9 percent are the first in their family to attend college.

I'm pleased to report that the Provost's Summer Undergraduate Research Mentoring program—which pairs faculty mentors with undergraduate researchers—increased its fellowships by more than a third, to 38, this year.

On the graduate side, last month seven masters and doctoral students presented research funded over the summer by the GAPSA-Provost Award for Interdisciplinary Innovation, with projects ranging from the creation of a magnetic resonator piano to a study of Chinese nationalism and the media.

In support of Penn's graduate and professional students, this past year we increased stipends and expanded family leave policies, and we placed a greater emphasis on supervision and graduation rates for PhD students.

On the global front, the Hewlett Award for Innovation in International Offerings funded five research projects this summer, in countries ranging from Mongolia to Uganda and Ecuador to China. Since 2008, Hewlett awards have provided support to almost 100 undergraduate and graduate students for international summer experiences.

This past January, we launched the International Internship Program, which has developed partnerships with global NGOs, charities, and public-private ventures. Over the summer, 32 Penn students worked for these organizations around the world, and we expect at least that many this coming year.

As part of the Penn Global Forum, next month we will welcome Rory Stewart, who will speak about his time creating an NGO in Afghanistan, as well as his work for the British Foreign Office in post-war Iraq.

Closer to home, our local engagement initiatives this year center on Arts & The City, our year-long celebration of arts and culture across our campus and throughout our city, neighborhood, and region.

For example, the Arthur Ross Gallery just closed a wonderful show called *West Philadelphia: Building a Community*, on the development of our neighborhood since the latter half of the 19th century. The Gallery worked with the Historical Society of Pennsylvania and Penn's own archives to feature a wide range of historical documents, including maps, photos, oral histories, and watercolors with scenes from some of the neighborhood's earliest years.

This exhibit is just one piece of the many programs and initiatives in our theme year on Arts and The City. We began organizing theme years three years ago, as an outgrowth of the Penn Reading Project in New Student Orientation, and this is our most ambitious one yet.

To tell us more about the history and purpose of our academic theme years, I am pleased to turn things over to Andy Binns, Vice Provost for Education. Following Andy, we will hear from David Fox, director of Academic Initiatives in the Office of College Houses and Academic Services, who will tell us about this year's highly successful Penn Reading Project on *The Gross Clinic*. Then from Ty Furman, director of Arts Initiatives in the Office of the Vice Provost for University Life, who will talk about the exciting student initiatives and local partnerships that are such a central part of the Arts & The City Year.

Ed. Note: More to come on the academmic theme years in a future issue.

Eco-Municipalities: What Does a Sustainable City Look Like?

Organizational Dynamics, in the School of Arts and Sciences, announces the launch of Sustainable Development Studies, a concentration of study in the MSOD and MPhil degree programs. This initiative has been supported by a special gift from The Dow Chemical Company.

A panel discussion on *Eco-Municipalities* will take place on Friday, November 13, 5-6:30 p.m. in the Terrace Room, Claudia Cohen Hall. President Amy Gutmann, will give the welcome; Jerome A. Peribere, President and CEO, Dow Advanced Materials will also give remarks. The

panelists: Neil Hawkins, V.P. Sustainability, Environment, Health & Safety, Dow; Anne Papageorge, Penn's V.P. Facilities & Real Estate Services; and Katherine Gajewski, director of Sustainability, City of Philadelphia. Special Guest, David Cook, Chief Executive, The Natural Step Foundation, a global NGO founded in Sweden, celebrating 20 years of groundbreaking leadership on sustainable development.

The Natural Step framework plays a key role in the Organizational Dynamics sustainability concentration and in the strategies being implement-

ed to achieve Dow's 2015 corporate sustainability goals. A workshop and roundtable discussion on this topic will take place on Saturday, November 14, from 9 a.m. to noon in the Terrace Room, Claudia Cohen Hall. Table groups will discuss how these sustainable development priorities can be accomplished and help develop commitments and action plans to co-create a sustainable city.

Contact Alan M. Barstow, director, Academics and Collaboration, Organizational Dynamics, *abarstow@sas.upenn.edu* or (215) 898-2802 for further information.

Interested in a Career in Leadership for Social Change?

On Monday, November 9, from 5:30-7:30 p.m. in the Caster Building, the School of Social Policy & Practice will hold its first joint Information Session for those in the Penn community interested in pursuing a Masters of Science degree in either Nonprofit/NGO Leadership or Social Policy.

The School of Social Policy & Practice (SP2) currently offers three Master level degrees: Master of Social Work; Master of Non-profit/NGO Leadership; and a Master of Social Policy. All three degrees are offered on a full-time and part-time basis.

The Nonprofit/NGO Leadership Program and the Social Policy Program are two of the newest programs at SP2. Both programs aim to train the next generation of transformative leaders in the areas of social change, social policy and collaborative leadership. The programs are designed for early and mid-career professionals interested in social enterprises, social and human services, policy issues and cross-sector

partnerships and collaboration. Each program consists of completing ten courses and is typically completed in one year as a full-time student. The Masters of Social Policy also requires a Capstone seminar that is completed over the summer after course work is completed.

For Penn employees, both of these Master level programs can be completed on a part-time basis, typically two courses a semester (no core courses offered over the summer) and the degree could be completed over five semesters. This is an opportunity for Penn employees who are being groomed for future leadership positions to take advantage of a Penn education and enroll in a Masters Degree program. To learn more about all the degree programs offered by SP2 see www.sp2.upenn.edu and click on the particular program for specific information.

See the SP2 website for dates of forthcoming information sessions taking place in January and February 2010. For information about the Masters of Science in Social Policy, contact Caroline Wong, associate director at *cwong@ sp2.upenn.edu* or (215) 573-4977 and for information about the Masters of Science in Nonprofit/NGO Leadership, contact Eric Ashton, associate director at *ashtoned@sp2.upenn.edu* or (215) 898-1857.

One Step Ahead Security & Privacy Made Simple

Another tip in a series provided by the Offices of Information Systems & Computing and Audit, Compliance & Privacy.

"You Can't Lose Data That You Don't Have"

A few months ago, at a peer institution, a laptop containing names and Social Security numbers of 45,000 students, faculty and staff was stolen. This was not an isolated incident. More and more data breaches are occurring as a result of lost or stolen laptops. Data is also at risk when it is stored on an unsecured desktop.

The best way to avoid risks to sensitive data, to individuals, and to Penn is simply not to download sensitive data unless you absolutely must. Your Local Support Provider (LSP) can advise you on how you can instead store and access sensitive documents on properly secured departmental file servers. They should be used whenever possible to reduce the number of points of possible data vulnerability. If you must download sensitive data, contact your LSP for assistance in encrypting the file, securing your machine, and securely deleting the information once it is no longer necessary.

For additional tips, see the One Step Ahead link on the Information Security website: www.upenn.edu/computing/security/.

Dual-Degree Master's Program in Environmental Studies and Governmental Administration

The University of Pennsylvania's Fels Institute of Government and College of Liberal and Professional Studies have announced a two-year, dual-degree program in the School of Arts and Sciences: the Masters of Environmental Studies and the Masters of Governmental Administration.

The MES/MGA degree applies a multi-disciplinary approach to the study of the environment as it relates to government, non-profit and public-sector work. It will train students to take leadership roles in environmental policy, planning and regulation.

"Graduates of the MES/MGA degree, with rigorous training in both environmental studies and practical management, will be formidable advocates for environmental issues, one of the most daunting challenges facing our society," David Thornburgh, the executive director of Fels, said.

"As environmental issues emerge, there will be a greater need for qualified individuals who can create and implement well-informed regulations, policies and standards," Yvette Bordeaux, director of the Professional Master's Programs in Earth and Environmental Science, said.

More information about the programs and admission requirement, is available at www.sas. upenn.edu/lps/graduate/mes/related_programs/mesmga.



The Penn's Way campaign runs now through *November 20*. See the Penn's Way website at *www.upenn.edu/pennsway* to participate and enter the weekly drawings. For other Penn's Way campaign questions or concerns please contact: (215) 746-4483 or *pennsway@upenn.edu*.

Penn's Way Raffle Prizes Week Five November 2-6, Drawing November 9

Penn Athletics: Two tickets to Penn Basketball Game

Penn Athletics: Pass for four to Penn Relays Marathon Grill: \$25 Gift Certificate Tavern 17: \$50 Gift Certificate Auntie Anne's: Pretzel Party for up to 15

Business Services/Penn Publication Services: Penn Photography Book Business Services/Penn Ice Rink:

10 Admission Coupon Booklet

Douglas Cosmetics: free Facial Coupon

Douglas Cosmetics: free Make-Over

Coupon

Office Depot: \$25 Gift Card

Naked Chocolate Café: \$15 Gift Certificate

World Cafe Live: Gift Certificate for two

Modern Eye: \$75 Gift Certificate

Week Three Winners (October 19-23, drawing October 26): David Chupp, HUP—Penn Athletics: Two

Tickets to Penn Basketball Game

Monica Plumley, HUP—Penn Athlet-

Monica Plumley, HUP—Penn Athletics: Two Tickets to November 21 Penn-Cornell Football Game

Karen Hamilton, Office of the Treasurer— Business Services/Hilton Inn at Penn: \$75 Gift Certificate for Penne

Jeffrey Drebin, School of Medicine— Business Services/Penn Publication Services: Penn Photography Book

Brandon Mahler, School of Medicine — Business Services/Penn Ice Rink: 10 Admission Coupon Booklet

Anne Rose, Business Services—Crêperie Beau Monde: \$40 Gift Certificate

Latanya Hammond, HUP—Philadelphia Flyers: Signed photo of Danny Briere

Margarita Maisonet, Wharton—Future Fitness: One Free Month

Erin Dries, *HUP*—Modern Eye: \$75 Gift Certificate

Joan Vallee, HUP—Douglas Cosmetics: Free Facial Coupon

Linda Gilbert, Wharton—Douglas Cosmetics: Free Make-Over Coupon

Lydia Witman, Pennsylvania Hospital— National Constitution Center: Four Passes



Dancing to Bring Harmony

Tewa Dancers from the North (above) a traditional Native American dance troupe, will perform on Saturday, November 14 at 2 p.m. at the Penn Museum. From the Ohkay Owingeh Pueblo ("Place of the Strong People") in Northern New Mexico, the troupe is led by founder and director Andrew Garcia, former governor of the pueblo, and a respected elder. The troupe's dance is considered a prayer and a duty, performed to help the seasons flow and to bring harmony to the universe. The event is free with Museum admission donation and is co-sponsored by the Center for Native American Studies and Atkin Olshin Schade Architects. Register at www.penn.museum/

Are menopausal hot flashes or night sweats bothering you? You could be eligible for a research study if you are between 40-62 years of age, experiencing hot flashes and in good general health. For more information, call the HOT FLASH STUDY at the University of Pennsylvania: 215-662-3329.

Interested in losing weight? A research study at the Penn Sleep Center aims to understand how the size of airway structures affects your chance of having sleep apnea, a breathing disorder. Participants attend a 24-week weight loss program, and undergo several non-invasive tests before and after the program. For each test, you will receive \$100. The weight loss treatment is free of charge. For more information, please call (215) 662-3189.

For information call (215) 898-5274 or visit www.upenn.edu/almanac/fags.html#ad.

Almanac is not responsible for contents of classified ad material.

Penn Travel Services' New Website

Penn Travel Services is pleased to announce a new website that will make travel arrangements easier, quicker and more cost effective for all members of the Penn community. The Penn Travel Portal (www.penntravel.org) organizes all of the resources needed to plan any trip in one central location including:

- · Reservation assistance from three preferred agencies and two new on-line booking tools;
- · Information about Penn travel policies and procedures;
- Travel advisories, currency exchange and other information for international travel; and
- Information about suppliers that provide Penn with special savings opportunities—both for Penn related travel as well as certain offerings that faculty and staff may take advantage of for their personal travel needs.

The site also contains information on International SOS which provides all students, faculty and staff with medical assistance, security services and international customer care. As a Penn traveler, you can log in and get the latest medical and security alerts. Anyone who travels abroad for Penn should make sure they have an International SOS card.

Visitors to campus will also find the website useful. If you are planning an event, conference or just need an easy reference for your visiting colleagues, friends or family, the site links to area maps, information and events at Penn and around the City, and special Penn pricing at lo-

The website is just one of the new features being introduced by Penn Travel Services. Expect more travel suppliers and options to be added in the coming months. If you have any questions or would like to suggest ways that we can enhance the site, please contact Susan Storb, Penn's travel administrator (storb@upenn.edu).

-Penn Travel Services

Almanac: Going Green

In keeping with Penn's Climate Action Plan, Almanac is printed on 50# Paperfect Opaque stock—an FSC Mixed Sources product-at an FSC-certified printer. This supports the development of responsible forest management worldwide.

Update

November AT PENN

CORRECTIONS

In the November AT PENN calendar, the wrong locations were listed for two events:

The exhibit, Brower Propulsion Laboratory: BPL-003 MMM, beginning November 20 will take place at the Esther Klein Gallery

The Charles C. Leighton, MD Memorial Lecture on November 13 at noon will be at *Claudia Cohen Hall, G17*. RSVP at www.upenn.edu/ldi/.

We regret the errors.

TALK

6 Redox Dysregulation in Cardiovascular Pathobiology; Joseph Loscalzo, Harvard University; 12:15 p.m.; Seminar Room, John Morgan Bldg. (Institute for Environmental Medicine).

AT PENN Deadlines: The deadline for the December AT PENN calendar, is Tuesday, November 10. For more information see www.upenn.edu/ almanac/calendar/caldead-real.html.

Events are subject to change. Information can be found on the sponsoring department's website. Sponsors are listed in parentheses. For locations, call

(215) 898-5000 or see *www.facilities.upenn.edu*.

The November AT PENN calendar is now online, www.upenn.edu/almanac.

EDUCAUSE Online: At Penn

Wednesday, November 4 to Friday, November 6, the Library, ISC Technology Support Services (TSS) and colleagues are hosting streaming video in the Class of '55 Room, at Van Pelt-Dietrich Library, from the national 2009 EDU-CAUSE Annual Conference in Denver.

See www.upenn.edu/computing/isc/training/ educause2009online.html for the schedule of sessions. No registration necessary.

To learn more about EDUCAUSE, visit: www.educause.edu/



Suite 211 Sansom Place East Sulle 211 3 3 13 3 11 1 1 a.e Last 3 600 Chestnut Street, Philadelphia, PA 19104-6106 Phone: (215) 898-5274 or 5275 FAX: (215) 898-9137 E-Mail: 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 PennWeb) include HTML and Acrobat versions of the print edition, and interim information may be posted in electronic-only form. Guidelines for readers and contributors are available on request and online.

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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 the Executive Director of the Office of Affirmative Action and Equal Opportunity Programs, Sansom Place East, 3600 Chestnut Street, Suite 228, Philiadelphia, PA 19104-6106; or (215) 898-6993



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 October 19-25, 2009. Also reported were 16 crimes against property (including 12 thefts, 2 burglaries, 1 act of vandalism and 1 case of fraud). Full reports are available at: www.upenn.edu/almanac/volumes/v56/n10/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 October 19-25, 2009. The University Police actively patrol from Market Street to Baltimore Avenue and from the Schuylkill River to 43rd Street in patrol with the schule of the property of the prop

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.

Male trespassing/Arrest Unwanted phone calls received 10/19/09 3:02 AM 601 University Ave 10/20/09 12:39 AM 3910 Irving St 2.29 AM 3400 Chestnut St Pedestrians acting disorderly/Arrest Male driving under the influence/Arrest Disorderly female issued citation 10/20/09 400 University Ave 10/21/09 2:35 AM 10/25/09 11:58 PM 3400 Walnut St

18th District Report

4 incidents with 1 arrest (including 3 robberies and 1 aggravated assault) were reported between October 19-25, 2009 by the 18th District covering the Schuylkill River to 49th Street & Market Street to Woodland Avenue.

10/21/09 10:00 PM 5036 Spruce St Robberv 4700 Chestnut St 4804 Chester Ave 10/22/09 6:38 AM Robbery/Arrest Aggravated Assault Robbery 10/25/00 12:10 AM 4600 Market St 10/25/09 7:55 PM

BENCHMARKS



"An ounce of prevention is worth a pound of cure"

-Benjamin Franklin



With H1N1 influenza (often referred to as swine flu) adding to the normal flu season already in full swing, Penn has been working hard to ensure that our campus has access to vaccine supplies as recommended by the Centers for Disease Control (CDC). Our seasonal flu shot program was very well attended, and now we're able to announce our plan for 2009 H1N1 vaccinations.

2009 H1N1 Flu Shots for Penn Faculty and Staff Eligible Under CDC Guidelines

You Must Meet CDC Eligibility Guidelines to Receive the H1N1 Flu Shot

As you may know, the government is making the H1N1 vaccine available for distribution through local agencies. The Philadelphia Department of Public Health has been working with the University to provide the vaccine to members of the priority groups identified by CDC guidelines. Supplies of the vaccine are limited, so the H1N1 flu shots will be available only to individuals who meet those CDC guidelines.

Students and Healthcare Service Providers

Two of the highest priority groups are Penn students 24 years of age or younger and University healthcare service providers. Student Health Service and Occupational Medicine are coordinating H1N1 flu shots for these groups. For more information on this distribution plan, please visit the University's flu prevention and preparedness home page at www. upenn.edu/flu.

Faculty and Staff

Faculty and staff who meet CDC high-priority guidelines will be able to receive H1N1 vaccinations at no charge through a program coordinated by Human Resources in collaboration with Occupational Medicine. When you arrive to get your H1N1 vaccination, you will be required to complete a CDC form verifying your eligibility. The high-priority groups for faculty and staff are as follows:

- 1. Pregnant women
- 2. Individuals 24 years of age or younger
- 3. Individuals who live with or care for children younger than six months old
- 4. Emergency care/first responders
- 5. Individuals between 25 and 64 years of age with high risk medical conditions, including: pregnancy, cancer, blood disorders, chronic lung disease [including asthma and chronic obstructive pulmonary disease (COPD)], diabetes, heart disease, kidney disorders, liver disorders, neurological disorders (including nervous system, brain and spinal cord), neuromuscular disorders (including muscular dystrophy and multiple sclerosis), and people with weakened immune systems.

Program Dates May Change Due to Supply Delays

Although Penn has been scheduled to receive shipments of the vaccine on certain dates, there is a chance that we may not receive the supplies exactly as scheduled. Manufacturers are working quickly to produce enough vaccine to meet demand, but there are nationwide reports of delays in shipping. Because of this, the dates and locations for Penn's H1N1 flu shot program for faculty and staff should be considered *tentative*.

If we don't receive our supplies as scheduled, we will need to adjust the dates listed below. Although the details may change in the coming days and weeks, we invite eligible faculty and staff to register for the H1N1 vaccination now. If any schedule changes need to be made, we'll send e-mail updates to all registrants. You'll also find the most up-to-date information on the Human Resources website at www.hr.upenn.edu/Quality/Wellness/FluShots.aspx.

Due to the uncertain nature of this program, we encourage you to take advantage of other means for receiving the H1N1 vaccination that may become available to you (e.g., your personal physician's office).

Dates and Times

Eligible faculty and staff can register for H1N1 flu shots from 10 a.m. through 3 p.m. on the following dates. Please keep in mind that these dates are *tentative*, pending receipt of sufficient vaccine supplies.

- Monday, November 16, 2009
- Tuesday, November 17, 2009
- Wednesday, November 18, 2009
- Tuesday, November 24, 2009
- Monday, November 30, 2009

Locations

On-campus H1N1 flu shots for eligible faculty and staff will be administered at five convenient locations—the School of Engineering and Applied Science, the Wharton School, the School of Nursing, the School of Design, and Facilities and Real Estate Services. You'll see the exact locations when you pre-register online. If any schedule changes need to be made, these locations may change as well.

Pre-Registration

Pre-registration is required for H1N1 flu shots. This allows us to be prepared for demand and manage lines in order to avoid long waits. It also gives us your contact information so we can update you if any program details change. To pre-register, visit the Human Resources website at www.hr.upenn.edu/Quality/Wellness/FluShots.aspx.

You can register up until the day before the date you select. But time slots fill up quickly, so we encourage you to pre-register as soon as possible. The first and last time slots typically fill up most quickly, so try selecting some time in the middle for easier registration. If you're unable to register online, contact Human Resources at (215) 898-5116 or suzsmith@upenn.edu.

Completing the CDC Eligibility Form

According to CDC guidelines, anyone receiving an H1N1 flu shot is required to verify his or her eligibility prior to vaccination. When you arrive to get your flu shot, you'll be required to complete a CDC form requesting a description of the basis for qualifying for the shot and a certification that all information is current and accurate. The completed form will be reviewed by the nurse administering the shot to confirm that each person is eligible. The form will then be sent confidentially to the CDC for their records.

What to Bring to the Flu Shot Site

You'll need to bring your PennCard to the flu shot site. Also, remember to wear clothes that provide easy access to your upper arm. You won't need to bring any money since the H1N1 flu shots will be provided free of charge to eligible faculty and staff.

Questions?

For more information about H1N1 flu shots or the pre-registration process, visit the Human Resources website at www.hr.upenn.edu/Quality/Wellness/FluShots.aspx or contact Human Resources at (215) 898-5116 or suzsmith@upenn.edu.

-Division of Human Resources