Welcome Back From the President

Collaboration is Key

It was 1862, at the start of a new year and in the midst of a civil war, when a group of Philadelphians petitioned Congress on the occasion of George Washington’s 130th birthday. They asked Congress to arrange a special reading of the first President’s Farewell Address, one of our nation’s more influential early documents. Congress agreed and held the reading in February that same year, a tradition that has continued in the US Senate up to the present. A Senator has read the Address aloud each year for more than 150 years now, commemorating both our first president and his impassioned defense of a Union far stronger together than it would be in pieces.

As we recall a tremendously successful year for Penn, we also remember 2013 as yet another fractious year in our national political discourse. Rare glimmers of functionality—the bipartisan budget compromise in December comes to mind—were overshadowed by the federal government shutdown in October, as well as by the many important pieces of legislation, including comprehensive immigration reform, that continue to languish. This year, when a Senator reads Washington’s Farewell, we can only hope that our elected officials pay close attention.

Beware of factions, warned Washington, which “may now and then answer popular ends, [but] are likely to become potent engines” working against a united and effective America. He implored that neither geographic differences nor party affiliation should usurp the good works and mutual interests that our fledgling nation could accomplish together. Washington offered sound advice not just in effective government, but in any work that a diverse group of people undertake together. In the fall, I met with members of the Penn community across campus to discuss Penn Compact 2020, with more meetings planned this semester. It was clear everywhere I went that the key to Penn’s success is in keeping with what Washington prescribed: it lies in fostering and preserving our collaborative spirit.

With 12 world-class Schools, a renowned hospital system, outstanding centers and countless programs and initiatives, Penn’s undertakings are vast and complex. But herein lies the secret of our success: where we could so easily divide ourselves up into isolated camps, we instead advance robust partnerships among Schools and across campus. We make it a point to know each other, to value what our colleagues are doing and to see immense worth in opening our doors and integrating our efforts.

With this spirit in mind, I warmly invite you to join the Penn community on Thursday, February 6th as we celebrate the grand reopening of the Arts, Research and Culture House, or ARCH. From 3 to 7 p.m., this historic, beautifully renovated building at the corner of 36th and Locust Walk will be open for tours, entertainment and culinary delights from renowned chef Rick Bayless’ new café.

The ARCH holds a special place at Penn as one of the central homes for undergraduate cultural and research life. It is a hub for all students, faculty and staff to share ideas and collaborate, with an inviting lounge, newly revitalized auditorium—adding central space for classes and performing arts groups—and state-of-the-art meeting rooms. Home to three vibrant cultural centers—La Casa Latina, Makkuu and the Pan-Asian American Community House—the ARCH is also the locus of undergraduate research through the Center for Undergraduate Research and Fellowships, or CURF and home base for the Benjamin Franklin Scholars and University Scholars. Thanks to a generous anonymous gift, the new ARCH further distinguishes Penn as a national leader in promoting cross-cultural and academic collaboration.

As we celebrate the significance and beautiful new spaces of the ARCH, I hope you will likewise celebrate the many successes of Penn. Our achievements would not be possible without you—Penn’s talented students, eminent faculty, devoted alumni and exceptional staff. In 2014, with our collaborative spirit and hard work, I anticipate even greater strides for our University.

Penn has true purpose in the world, and it just so happens that in his Farewell Address, Washington touched on that, too. He reminded the nation to “Promote then, as an object of primary importance, institutions for the general diffusion of knowledge. In proportion as the structure of a government gives force to public opinion, it is essential that public opinion should be enlightened.”

In the interest of an ever more enlightened public, a more perfect union, and a better world, welcome to another exciting, purposeful year at Penn.

—Amy Gutmann

A New Center to Advance Endoscopy Research & Training

Penn Medicine recently celebrated the naming of the Timothy J. Wilmott and Dr. Nancy Barna Center for Endoscopic Innovation, Research and Training. Established thanks to a generous gift from Mr. Timothy Wilmott, a graduate of the Wharton School, and his wife Dr. Nancy Barna, the Center is the first enterprise of its kind in the nation dedicated to both training future gastroenterologists and promoting excellence in endoscopic research.

“The Wilmott-Barna Center encompasses all of Penn Medicine’s missions: it fosters growth and collaboration to propel advances in research; supports critical training for Penn Medicine’s physicians, fellows and residents; and pioneers new therapies that promise to revolutionize the field,” said Dr. J. Larry Jameson, executive vice president of the University of Pennsylvania for the Health System and dean of the Perelman School of Medicine. “It is thanks to visionary donors like the Wilmotts that our brilliant physician-researchers will be able to make great strides in advancing this life-saving technology.”

A collaboration between Penn Medicine’s departments of medicine and surgery, the Wilmott-Barna Center is uniquely comprehensive, featuring advanced imaging, endoscopic device development and a dedicated research laboratory, programs, training and clinical practice—ultimately aiming to emerge as an industry leader in the development of therapeutic endoscopic procedures. And, by working closely with radiation oncologists, interventional radiologists

(continued on page 2)
A New Center to Advance Endoscopy Research & Training

The Executive Committee of the Trustees of the University of Pennsylvania met on Thursday, December 12. At the Stated Meeting, the Trustees approved two resolutions: one to authorize the execution of a lease and expenditures for build out of space to house the Penn Wharton Center in Beijing, China, as part of Penn’s strategic international planning; and the other resolution on responsibility concerning endowment securities, to adopt new guidelines for divestment consideration and to establish an ad hoc advisory committee.

The latter resolution was prompted by the growing number of requests from members of the Penn community (students, faculty, staff or alumni) for divestment of individual corporate securities. The Trustees felt that it was important to improve the process by which members of the University community could express their views on possible divestment while protecting the fiduciary obligation of the Trustees to make investment decisions.

The Trustees also approved a new policy for considering divestment from the University endowment, the new policy will not affect the current request to consider divestment from tobacco companies that will be heard by University Council in January, but will apply to any new proposals for divestment that might come forward in the future.

The policy establishes an updated list of guidelines for considering divestment and modifies the process by creating a new Ad Hoc Advisory Committee on Divestment that would make recommendations to the Board.

The policy also states that “trustees consider their fiduciary role as their highest priority. This new policy strengthens the process in ways that they believe will significantly help in guiding their decisions.”

If members of the Penn community (students, faculty, staff or alumni) believe that divestment of specific corporate securities is warranted, they could present a proposal to the University Council Steering Committee for consideration.

If the Steering Committee believes a proposal is warranted, it would present its views to the Trustee Subcommittee on Divestment.

Upon receiving a recommendation from the Ad Hoc Committee, the Trustee Subcommittee on Divestment will consider the recommendation and provide its advice on the proposal to the Executive Committee of the Trustees for whatever action the Executive Committee deems appropriate under the Guidelines which outline the basic principles and social responsibility defined for purposes of divestment as well as options for actions the Trustees could consider.

A New Center to Advance Endoscopy Research & Training

(continued from page 1)

and GI surgeons, the Center’s team will be able to more effectively coordinate patient care and many support services for GI cancer patients.

The Center will be located within Penn’s Abramson Cancer Center, and the Wilmott’s gift will support research, a dedicated fellowship program and world-class technologies and facilities for the Center’s patients and trainees.

“We are confident that the Wilmott-Barna Center will develop novel, minimally-invasive procedures with significant benefits for patients,” Mr. Wilmott said. “Plus, with the Center’s focus on providing invaluable hands-on training to the next generation of physicians, Penn Medicine’s eminence in the field will surely grow.”

Dr. Michael Kochman, who holds the Wilmott Family Professorship of Medicine and is also professor of medicine in surgery, will serve as the inaugural director of the Wilmott-Barna Center. A highly respected authority in endoscopic therapies and training and in gastrointestinal cancers, Dr. Kochman has dedicated his career to sharing his considerable knowledge and talent with the next generation of residents, fellows and physicians.

Mr. Wilmott is president and chief executive officer of Penn National Gaming. Prior to that, he served as chief operating officer of Harrah’s Entertainment. Dr. Barna attended Robert Wood Johnson Medical School at the University of Medicine and Dentistry of New Jersey, and has been an active member of the Abramson Cancer Center Director’s Leadership Council for many years.

For more about the Wilmott-Barna Center contact Evelyn Schwartz at (215) 898-8625 or evelynsc@upenn.edu

Death

Dr. Zweiman, Medicine

Dr. Burton Zweiman, professor emeritus of medicine and neurology in the Perelman School of Medicine, passed away December 24 at age 82.

Born in New York City, Dr. Zweiman received his undergraduate degree in chemistry in 1952 and his medical degree in 1956 from Penn. After completing a residency in internal medicine at Bellevue Hospital Center, he became a fellow in immunology at NYU Medical Center. He completed his training in allergy and immunology at the Hospital of the University of Pennsylvania.

After briefly serving in the Navy, he was appointed to the faculty in 1968 in Penn’s School of Medicine. He became a full professor in 1975. Dr. Zweiman chaired the division of allergy and immunology from 1974 until he became emeritus in 1998.

As a young faculty member, Dr. Zweiman expanded the traditional role of the allergist by taking on the challenge of patients who presented with all manner of immune-mediated diseases. He pioneered the field that would one day be known as clinical immunology. In addition to maintaining a busy practice of patients at Penn, he helped establish the hospital’s renal transplant program. He developed the hospital’s first clinical immunology service laboratory. In addition, he forged strong links between the teaching, patient care and research missions of the departments of medicine, neurology, pathology and laboratory medicine.

Widely regarded for his many accomplishments, Dr. Zweiman was editor of the Journal of Allergy and Clinical Immunology, chair of the American Board of Allergy and Immunology and president of the American Academy of Allergy, Asthma and Immunology (AAAAI).

His service was recognized by his receipt of the Distinguished Service Award and the establishment of the Burton Zweiman Lectureship by the AAAAI. In addition, Dr. Zweiman was a 1967 recipient of the University’s Lindback Award for Distinguished Teaching.

Dr. Zweiman is survived by his wife, Claire; daughters, Amy Harwood and Diane Weidenbaum; grandchildren, Daniel, Alexander, Reese and Sage; and sister, Deborah Gordon.

Contributions may be made to The Burton Zweiman Lectureship c/o The American Academy of Allergy, Asthma & Immunology, 555 East Wells Street, Suite 1100, Milwaukee, WI 53202-3823.

To Report A Death

Almanac appreciates being informed of the deaths of current and former faculty, students and staff members. Please notify the Office of the Vice Provost for Faculty Affairs at Room 517, Franklin Building, (215) 898-5274 or email almanac@upenn.edu

However, notices of alumni deaths should be directed to the Alumni Records Office at Room S17, Franklin Building, (215) 898-8136 or email record@ben.dev.upenn.edu
Eight Professors Appointed Penn Fellows

Provost Vincent Price and Vice Provost for Faculty Anita Allen are pleased to announce the appointment of the sixth cohort of Penn Fellows.

The Penn Fellows program, begun in 2009, provides leadership development to select Penn faculty members in mid-career. It includes opportunities to build cross-campus alliances, meet distinguished academic leaders, think strategically about universities and university governance and consult with Penn’s senior administrators.

The 2014 Penn Fellows are:

- **Paulo Arratia**, associate professor of mechanical engineering and applied mechanics in the School of Engineering & Applied Science, studies the flow behavior of complex fluids, such as human blood, polymeric solutions and colloidal suspensions.

- **Jennifer Blouin**, associate professor of accounting in the Wharton School, studies taxation, including the effects of taxes on asset pricing, capital structure, corporate payout policies and multinational firm behavior.

- **Sara Cherry**, associate professor of microbiology in the Perelman School of Medicine, studies the cellular factors that regulate viral pathogenesis, especially in such mosquito-borne viruses as West Nile virus and Rift Valley Fever virus.

- **Justin Khoury**, associate professor of physics in the School of Arts & Sciences, works at the intersection of particle physics and cosmology, especially alternative theories of the early universe designed to address traditional problems of “big bang” cosmology.

- **Emilio Parrado**, professor of sociology in the School of Arts & Sciences, studies migration, both within and across countries, including immigrant adaptation, international migration and social and demographic change in Latin America.

- **Laura Perna**, professor in the higher education division of the Graduate School of Education, studies the forces that may limit and the ways to promote educational attainment, especially among members of historically underrepresented groups.

- **Adriana Petryna**, Edmund J. and Louisa W. Kahn Term Professor of Anthropology in the School of Arts & Sciences, studies the social and political dimensions of science and medicine in the United States and Eastern Europe.

- **Ronald Rubenstein**, associate professor of pediatrics in the Perelman School of Medicine, studies novel drug therapies for cystic fibrosis, especially the use of pharmaceuticals to overcome molecular defects and “repair” dysfunctional proteins.

Faculty Conversations on the Academic Job Search and Academic Life

The nineteenth annual series, *Faculty Conversations on the Academic Job Search and Academic Life*, for PhD students and postdoctoral fellows, is co-sponsored by Career Services and the Vice Provost for Education.

**Faculty Speaker Panels**

- **Tuesday, January 21, 4-5:30 p.m., Houston Hall, Golkin Room 223**
  - *Preparing for Campus Interviews for Academic Jobs—Science, Mathematics and Engineering*
    - Dr. Tamara L. Davis, associate professor and chair, department of biology, Bryn Mawr College
    - Additional Panelists TBA

- **Wednesday, January 22, 5-6:30 p.m., Houston Hall, Golkin Room 223**
  - *Preparing for Campus Interviews for Academic Jobs—Humanities and Social Sciences*
    - Dr. Chao Guo, associate professor of nonprofit management, University of Pennsylvania
    - Dr. Elena Lahr-Vivaz, assistant professor, department of Spanish and Portuguese studies, Rutgers University, Newark, NJ

- **Thursday, February 13, 4:30-6 p.m., Titeleir Hall B21**
  - *Understanding Tenure when Applying for Jobs and Negotiating Offers*
    - Wednesday, March 5, 4:30-6 p.m., Houston Hall, Golkin Room 223

**Dual Career Couples and the Job Search**

- **Tuesday, March 18, 4:30-6 p.m., Houston Hall, Ben Franklin Room**
  - *Time Management for New Faculty: Balancing Professional Responsibilities Early in Your Career*

**Workshops**

- **Thursday, April 3, 4-6 p.m., Graduate Student Center, Room 305**
  - *Dual-Career Couples: Maintaining Relationship Sanity*
  - Career Services and Counseling and Psychological Services staff

- **Tuesday, April 15, noon-1:30 p.m., McNeil Building, Room 97**
  - *Talking About Your Research in Networking and the Job Search; Career Services staff*

- **Wednesday, April 23, 4-6:30 p.m., Claudia Cohen Hall, Terrace Room G14**
  - *Preparing for the Academic Job Search; Career Services staff*

- **Check the Career Services calendar for doctoral students and postdocs for the latest updates to program information:** [www.vpul.upenn.edu/careerservices/gradstud/calendar.php](http://www.vpul.upenn.edu/careerservices/gradstud/calendar.php)

**Mahoney Institute for Neurosciences Digital Art Contest: March 7**

The Mahoney Institute for Neurosciences (MINS) is holding a Digital Art Contest. Contestants are to create neuroscience-themed images for potential display in and around the Neuroscience Office on the 2nd floor of the Clinical Research Building (CRB). Prizes will be awarded. Deadline: Friday March 7, 2014.

The art contest is open to all Penn faculty, staff, students and alumni. Top consideration will be given to images related to neuroscience, neurosciences research or the history of neurosciences research at the University of Pennsylvania. There will be (3) $1,000 first place winners, (4) $500 second place winners, and (5) $100 third place winners and $50 honorable mention winners. Winners are responsible for all applicable taxes associated with the receipt of the prize. Individuals will not receive any additional payment for the use of their works.

All entries must be made through the URL below. Email submission and/or physical submission will not be accepted. Winners will be contacted by email and announced at the MINS 30th Annual Retreat, Wednesday, April 2, 2014 in Houston Hall.

**Use Rights:**

- **By entering the MINS Digital Art Contest, contestants agree to the following:**
  - All art submissions will become the property of MINS. No additional payments will be issued for any uses of artworks that are submitted. Winners agree to indemnify and hold harmless MINS of and from any and all claims, demands, losses, causes of action, lawsuits, judgments, including all attorney fees and costs, arising out of or relating to the work of artist.

- The artist further agrees that MINS and the department of neuroscience will archive the chosen artwork for the purpose of historical documentation.

**Criteria for Judging:**

- **Artistic expression of the neuroscience-related theme.**

**Neuroscience Boot Camp: January 30**

Neuroscience Boot Camp is intended for college and university faculty, advanced graduate student and professionals coming from a field in which it is important to understand, predict or influence human behavior. Through a combination of lectures, break-out groups, panel discussions and laboratory visits, participants will gain a basic foundation in cognitive and affective neuroscience and are equipped to be informed consumers of neuroscience research.

**Cost:** $5,375; financial aid is available. Deadline: January 30. Apply: [http://neuroethics.upenn.edu/index.php/education/neuroscience-boot-camp](http://neuroethics.upenn.edu/index.php/education/neuroscience-boot-camp)

**2014 Summer Programs at Penn**

Departments, schools or centers at Penn that are planning on offering a summer camp or program during the upcoming summer are encouraged to contact Alma-nac by email at almanac@upenn.edu no later than January 20 with camp/program information so that the annual roundup that will be published at the end of January will be as inclusive as possible.

To see last year’s list of academic, athletic and enrichment options, visit [www.upenn.edu/almanac/volumes/v59n19/camps.html](http://www.upenn.edu/almanac/volumes/v59n19/camps.html)
ed research on the hormonal changes associated with aging is impacting how clinicians evaluate and treat thyroid dysfunction in older people. The Van Meter Award was established in 1930 to recognize outstanding contributions by a young clinical scientist to research on the thyroid gland.

Dr. Cappola accepted the honor during the award lecture in October at the ATA’s 83rd Annual Meeting in San Juan, Puerto Rico.

The Van Meter Award receives support from Mary Ann Liebert, Inc., publishers of the journal Thyroid.

Penn Medicine Names Inaugural Class to ‘Academy of Master Clinicians’

Penn Medicine has elected an inaugural class of 22 physicians to the newly established Academy of Master Clinicians, which recognizes Penn Medicine clinicians who exemplify the highest standards of clinical excellence, humanism and professionalism.

“Penn Medicine clinicians are innovators and leaders in their fields. This major initiative recognizes and celebrates their contributions while at the same time strengthening our commitment to leadership in patient care for the future,” said Dr. John F. Williams, Jr., director of the Abramson Cancer Research Institute, vice president, UPHS and associate dean for resource development. “We are delighted to announce the first class of Academy of Master Clinicians, an exceptional group of clinicians who represent the fullest spectrum of clinical care expertise Penn Medicine has to offer.”

During their 5-year term, the Master Clinicians will support the missions of Penn Medicine by serving as ambassadors for Penn Medicine; providing a forum for feedback to leadership on strategies to improve the culture of clinical excellence and to promote the ideal patient experience; and volunteering as a mentor and consultant as well as participating in professional development and training programs for faculty, residents, students or staff.

“Clinical excellence in and of itself is a value that Penn Medicine recognizes and wishes to promote,” said Dr. Glick, who helped create the Master Clinician program. “What we do for our patients is of critical importance to our missions of research, clinical care and education.”

As mentors, Master Clinicians will lead faculty workshops through Advance, the Perelman School of Medicine’s faculty professional development program and other Penn Medicine educational programs, and provide feedback to leadership to improve the patient and educational experiences. By attending extramural courses, Master Clinicians will enhance their own career skills and bring new knowledge to Penn Medicine. Master Clinicians will receive a one-time financial award of $10,000 and more time to dedicate to educational and training pursuits. The Academy of Master Clinicians will be supported by a major philanthropic gift and institutional funding.

Penn Medicine is proud to announce the inaugural membership of The Academy of Master Clinicians:

The Academy of Master Clinicians, 2013

Dr. Louis Bell, professor of pediatrics and chief, Division of General Pediatrics at The Children’s Hospital of Philadelphia
Dr. Susan Brozena, associate professor of medicine and medical director of Penn Cardiac Care Radnor
Dr. E. Cabrina Campbell, associate professor of psychiatry at the Veteran’s Administration Medical Center
Dr. Emily Conan, professor of radiology and chief of Breast Imaging
Dr. Edward Dickinson, associate professor of emergency medicine and director of EMS Field Operations
Dr. Jack Ende, Adele and Harold Schaeffer Professor in Medicine and assistant vice president, UPHS, and assistant dean in the Perelman School of Medicine
Dr. Jody Foster, clinical associate professor of psychiatry and chair of psychiatry at Pennsylvania Hospital
Dr. Gary Freedman, associate professor of radiation oncology
Dr. Ellen Kim, Sandra J. Lazarus Associate Professor in Dermatology
Dr. Najia Mahmood, associate professor of surgery and chief of the Division of Colon and Rectal Surgery
Dr. Natasha Mirza, professor of otolaryngology: head & neck surgery at the Hospital of the University of Pennsylvania and the Veteran’s Administration Medical Center and director of the Penn Center for Voice and Swallowing
Dr. Mark Morgan, John J. Mikuta, MD Professor of Gynecologic Oncology: chief of gynecology oncology; director of the Center for Advanced Gynecologic Surgery; director of the Gynecology Oncology at Pennsylvania Hospital
Dr. Amy Pragin, chief of neurology
Dr. Patrick Reilly, professor of surgery and chief of the Division of Traumatology, Surgical Critical Care and Emergency Surgery
Dr. Anthony Rostain, professor of psychiatry and pediatrics, and medical director of Adult Development Disorders
Dr. Joseph Savino, professor of anesthesiology and critical care
Dr. Brian Sennett, associate professor of orthopaedic surgery and chief of Sports Medicine
Dr. Donald Siegel, professor of pathology and laboratory medicine and director of the Division of Transfusion Medicine and Therapeutic Pathology
Dr. John Stern, clinical professor of medicine and chief of the Division of Infectious Diseases at Pennsylvania Hospital
Dr. Matthew Stern, Parker Family Professor of Neurology and director of the Penn Parkinson’s Disease and Movement Disorders Center
Dr. Gregory Tino, associate professor of medicine and chief of medicine at Penn Presbyterian Medical Center
Dr. David Vaughn, professor of medicine in hematology oncology and director of the Clinical Research Unit at the Abramson Cancer Center

Emerging Woman Leader: Dr. Lewis

Dr. Lisa M. Lewis, associate professor of nursing, has been named a 2013 recipient of The Forum Award for Emerging Women Leaders.

Dr. Lewis was honored for her work focusing on reducing racial disparities in blood pressure control among underserved African Americans who are living with high blood pressure. Using mostly community based research methods, she studies determinants of medication adherence in Blacks living with high blood pressure with an emphasis on psychosocial factors such as self-efficacy, social support, depression, spirituality and perceived discrimination.

Dr. Lewis teaches primarily in the undergraduate curriculum with a focus on the psychological and social diversity in health and wellness and community health nursing.

AACN Exemplary Academic-Practice Partnership: Penn Nursing

The American Association of Colleges of Nursing (AACN) has awarded its Exemplary Academic-Practice Partnership Award to the School of Nursing and Penn Medicine.

The award is given to a partnership that exhibits:

• An innovative and sustained relationship that extends beyond clinical placements.
• A commitment to the Guiding Principals for Academic-Practice Partnerships developed by AACN and the American Organization of Nurse Executives (AONE).
• Positive outcomes that are measureable.

Nursing Dean Afaf I. Meleis and the University of Pennsylvania Health System have been designated as exemplars for their partnership.

Their Toolkit and Evaluation matrix are available as exemplars on the AACN website under the Academic-Practice Partnership webpage.

The award noted that “faculty and administrators at the University of Pennsylvania School of Nursing and Penn Medicine Health System have developed structures that weave together practice, education and research to advance nursing locally and globally. They have successfully developed innovative programs such as the Botswana-UPenn partnership, which allows Penn Medicine clinicians and students to travel to Botswana to provide clinical care, engage in educational exchanges and conduct research. In place for nearly 30 years, this model partnership demonstrates the structures, processes and determination of their nurses at every level to work collaboratively to benefit partners, students and clinicians. Penn earned one of the first three awards given this year.

This award recognizes AACN member schools and their practice partners who are involved in highly productive and model collaborations. The academic-practice partnership must demonstrate an innovative and sustained relationship that extends beyond clinical placements, be committed to the guiding principles for model partnerships, and show positive outcomes that are measurable and have been in place for at least a year.

(continued on page 5)
James Dyson Award: Titan Arm

The James Dyson Foundation announced Titan Arm (at left), a senior design project from the department of mechanical engineering and applied mechanics (MEAM) in the School of Engineering and Applied Science, as the recipient of the 2013 international James Dyson Award.

Team members, all MEAM graduates, are Elizabeth Beattie, currently a MEAM doctoral student; Nick McGill, a master’s student in robotics; Nick Parrotta, a MEAM master’s student; and Niko Vladimirov, a master’s student in integrated product design. This is the first time a project from the US has received this award.

The Foundation’s website describes Titan Arm as, “a one arm exoskeleton designed to help users lift heavy objects.” The team of four young design engineers looked close to home for the inspiration for the project. In the US, thousands workers a year are affected by back problems, often caused by over exertion. “Existing exoskeletons are bulky, expensive, invasive and tethered. Our challenge was to build an exoskeletal system that was inexpensive, streamlined and wireless,” explained team member Elizabeth Beattie. Composed of five structural members, four moveable joints and an adjustable upper arm member, the exoskeleton is strapped on to the back and onto the user’s arm. It uses a braking system to hold a static load, and the motor is mounted in the backpack area of the device. The elbow joint is driven by a cable system.

For a video of the Titan Arm, see www.seas.upenn.edu/media/news/titan-dyson.php

Penn Center for Musculoskeletal Disorders

Pilot and Feasibility Grant Program: February 28

The Penn Center for Musculoskeletal Disorders is once again accepting applications for its Pilot and Feasibility Grant Program. Submissions should be related to musculoskeletal tissue injury and repair which is the broad focus of the Center and Grants are only eligible for Full Members (if you are not a member but would like to become one, please visit www.med.upenn.edu/pcmd/memberinfo.shtml for instructions on joining).

Pilot grants will be due on February 28, 2014 with a planned start date of July 1, 2014 and we are expecting to award 3 new grants in this round. At least 1 of these grants will be awarded at $50,000 per year. This grant will be co-sponsored by the IRM Program in Musculoskeletal Regeneration.

Potential applicants are encouraged to send a short email, with your name, a rough title of your proposed project, a sentence or two (at most) describing the global hypothesis or objective and a note as to which of the four Research Cores (Molecular Profiling, Biomechanics, Imaging, Histology) you would use (core use is required for pilot funding). I would appreciate receiving this email ASAP, so I can advise and guide you on the appropriateness of your application idea within the framework of the overall Center. For more information on our Cores and Center in general, please see our web site at www.med.upenn.edu/pcmd

Eligibility

• Only Full Members are eligible. If you are not currently a member, visit our website
• Categories of applicants include: 1) Established investigators with a proposal to test the feasibility of a new or innovative idea in musculoskeletal tissue injury and repair representing a clear and distinct departure from their ongoing research, 2) Established investigators with no previous work in musculoskeletal tissue injury and repair interested in testing the applicability of their expertise on a problem in this area, and 3) New investigators without significant extramural grant support as a Principal Investigator to develop a new project.
• Pilot and Feasibility Grants must use at least one of the Center’s Research Cores.
• Pilot project awardees are eligible for one year, with a second year to be considered. The second year of funding, the dollar amount of which would only be for up to half the year one budget, will be considered based on the progress report submitted after the first year of funding and funding availability in the Center. Please note that second year funding will most often not be awarded, and when awarded, will be done so primarily to new investigators; second year funding to senior investigators will be quite rare.
• Budgets will be for $25,000-$50,000 per year and timelines should be for one or two years.
• It is expected that these Pilot grants will lead to funding through other independent, extramural mechanisms. Therefore, the likelihood of future extramural funding will enter into the evaluation of these proposals explicitly.

Format

• Applications should be formatted loosely in the style of an NIH R03 grant (http://grants.nih.gov/grants/guide/par-files/R03.html).

The main body of the application (Specific Aims through Approach: sections 4-7 below) should be no more than five pages total. The format is:

1) Cover Page (not NIH face page) with grant title, PI name, affiliation, contact information
2) Budget and brief budget justification (note that equipment is not allowed)
3) NIH Biosketch of PI
4) Specific Aims
5) Significance
6) Innovation
7) Approach
8) Brief Statement of Category of Investigator per guidelines above
9) Brief Statement of How this Funding will lead to other Extramural Funding
10) Human Subjects and/or Vertebrate Animals Subjects (if applicable)
11) Consultants (if applicable)
12) Literature Cited
13) Certification of Patient Oriented Research (if applicable)

The completed application should be submitted as a single PDF file to pcmd@ mail.med.upenn.edu by February 28 at 5 p.m. Please do not hesitate to contact me with any questions or comments.

— Louis J. Soslowsky, Founding Director of Penn Center for Musculoskeletal Disorders

Penn iGEM Team Winners of Regional Competition

For the second year in a row, Penn’s iGEM team is the winner of the North American Regional iGEM competition, which was held in October at the University of Toronto, Canada. Held by the International Genetically Engineered Machine (iGEM) Foundation, the iGEM competition is the premiere undergraduate Synthetic Biology competition. Student teams from over 200 universities worldwide are given a kit of biological parts at the beginning of the summer, and working at their own schools through the summer, they use these parts and new parts of their own design to build biological circuits in living cells.

Team members for 2013 are Daniel Cabrera, EAS’14; Mahamad Charawi, EAS’16, W’16; Danielle Fields, EAS’15; Bradley Kaptur, EAS’16; and Josh Tycko, C’14.

The team’s project this year was directed at advancing the field of epigenetics. Epigenetic phenomena modify DNA and control gene expression. Disruptions in epigenetic processes have been implicated in many diseases such as cancer, in which certain genes have abnormally low DNA methylation levels (a type of DNA modification).

The 2013 Penn iGEM team set out last spring to find new ways to precisely target DNA methylation, but encountered two problems: there were no tools available to achieve targeted DNA methylation, and there were no easy ways to measure targeted methylation. Over the course of the summer, the team created a three component toolbox: an engineered enzyme which can precisely methylate a gene of interest, an easy-to-use measurement tool to analyze whether targeted methylation has occurred and a software package which can analyze the data (which made its debut at the Fall 2013 PennApps Hackathon).

“All together, our toolbox will enable faster and more cost-effective development of optimal targeted methylases for silencing genes and studying epigenetics,” said team member Josh Tycko. By providing researchers new ways to more precisely study DNA methylation, the team hopes their efforts will catalyze the development “targeted epigenetic therapies” for diseases.

Found in 2011 by a group of undergraduates in bioengineering, Penn iGEM is a program devoted to undergraduate-led innovation in synthetic biology that is open to all students from all schools at Penn.
Penn Libraries’ Book Collection Grows thanks to a Generous Gift from the Family of a Philadelphia-based Dealer and Collector in Japanese Art

Mr. Luber sold Japanese art out of their Center City home until 1976, when their daughter, Marilyn, opened a gallery at 1921 Walnut Street for her parents to display and sell their collection. Later, when Marilyn left to pursue her PhD, the couple moved the gallery to its final location at 1220 Walnut Street. The Gilbert Luber Gallery was open for more than two decades and became well known among those who were interested in Japanese art. Although the gallery officially closed in 2000, Mr. Luber continues to sell Japanese art from the Gilbert Luber Collection through an online gallery at lubergallery.typepad.com

Japanese Studies at Penn
The Lubers’ gift of over 1,300 books, catalogs and journal issues, together with the Gilbert, Shirley and Marilyn Luber Fund for Japanese studies comes at a time when Japanese Studies at Penn have been increasing in popularity. Established at the University in 1952, today Japanese Studies courses are offered through the Japanese Studies Division within the Department of East Asian Languages and Civilizations as well as through The Center for East Asian Studies, an interdisciplinary unit composed of faculty members whose teaching and research focus is East Asia. The Japanese Studies collection at the Penn Libraries has grown to support the research needs of the Japanese Studies Center and Challenge. At present, the Penn Libraries offers more than 65,000 volumes of monographs and subscriptions to 179 journals, which are spread across the Penn Libraries system. Penn Libraries also recently hired a new Japanese and Korean Studies Librarian, Molly Des Jardins, (Almanac September 10, 2013) to manage the growing collection, which is influenced by the requests and recommendations of Penn Japanese Studies faculty and students. Today, the scope of Japanese Studies research at Penn includes the humanities and the social sciences, with particular strength in Buddhism, contemporary sociology of medicine/bioethics, Japanese civilization, Japanese literature, political and diplomatic history, history and philosophy of martial arts, performing arts, premodern Japanese architecture and archaeology, political and diplomatic history, medieval studies, Tokugawa studies and women’s studies.

The Luber gift now makes the Penn Libraries a destination for researchers interested in Japanese art history. It also provides to scholars and researchers of Japanese graphic arts a substantial and fascinating collection of interpretive histories of Japanese prints, auction and sales catalogs containing invaluable information about older and contemporary prints, and indispensable surveys of Japanese art and culture—in which the significant role of prints is evident. Additional volumes will be added to the collection over time through the Gilbert, Shirley and Marilyn Luber Fund for Japanese Studies.

About the Shofuso House and Garden
The Shofuso Japanese House and Garden is a traditional-style Japanese house and nationally-ranked garden in Philadelphia’s West Fairmount Park that reflects the history of Japanese culture in Philadelphia, from the 1876 Centennial Exhibition to the installation of its contemporary paintings in 2007. For more information visit www.shofuso.com

About the Penn Libraries
To learn more about the Penn Libraries, visit www.library.upenn.edu

A detail from book in the Luber Collection

The Penn Libraries recently acquired an extensive collection of books on Japanese art and Japan and an endowed acquisitions fund to purchase additional resources relating to Japanese Studies. The generous gift comes from Shirley and Marilyn Luber, wife and daughter of Penn alumnus and Philadelphia-based Japanese art and book collector Gilbert Luber, who passed away in 1999, and the donation honors his legacy as a Wharton graduate, class of 1940 and ensures his family’s passion for Japanese art and culture is accessible to a broad audience for scholarship.

“This collection is one of the foremost places to conduct research on the art of the Japanese print, from past to present,” shared Julie Davis, Penn professor of art history, who is already using parts of the collection in her coursework. She added, “The Luber’s collection makes it possible for us to teach this material to a new generation.”

Prior to coming to the Penn Libraries, the Lubers maintained the art and book collection at The Gilbert Luber Gallery, the first gallery in Philadelphia to handle the works of classic and contemporary Japanese artists. Following the Gallery’s closing in 2000, a portion of the book collection was cared for by the Shofuso Japanese House and Garden, a non-profit organization administered by the Friends of the Japanese House and Garden, of which Shirley and Gilbert were inaugural members. The Penn Libraries will continue to maintain a collaborative relationship with the Shofuso Japanese House and Garden.

Reputable Philadelphia Japanese Art Gallery
Gilbert and Shirley Luber’s interest in Japanese art and culture began in the 1970s, when they made their first visit to Japan to celebrate their 25th anniversary. They quickly fell in love with Japanese prints and, once home in Philadelphia, Mr. Luber began an in-depth study of the art form. The Lubers returned the following year to make more purchases, a tradition which they continued for 20 years. Their collecting eventually brought them to Japan, Thailand, Indonesia, Bali and China.

One Step Ahead
Security & Privacy Made Simple

Data Privacy Month: NSA Surveillance Panel at the National Constitution Center
Data Privacy Day is an annual international event that promotes awareness about the ways personal information is collected, stored, used and shared. It recognizes the dignity of the individual, as expressed in the concept of personal information, and is aimed at empowering individuals to protect their privacy and data. Data Privacy Day is January 28, and kicks off Data Privacy Month—February.

This year, on February 3, Penn and the National Constitution Center will partner to bring together some of the world’s leading experts on privacy and surveillance. Join Peter Swire of the White House NSA Review Board, Anita Allen of the University of Pennsylvania, Jeffrey Rosen of the Constitution Center and Shiona Savage of the New York Times to discuss NSA surveillance past and future. Visit www.upenn.edu/privacy for more details about this event and related Data Privacy Month resources.

Also, take advantage of opportunities to recognize Data Privacy Month in ways that are practical and impactful for you. Here are some ideas:
- Protect yourself on Social Networking sites: Facebook’s greatest feature—the ability to connect you with many people in an instant—is also the source of its greatest peril. Visit the Privacy website to find “TopTen” tips on how to protect yourself when using Facebook. Did you know that you can create separate lists of friends on Facebook to control who can see what? Did you know you can also re-view tags and limit them on your timeline? See www.upenn.edu/privacy/Brochures/top10th.pdf
- Take steps to protect yourself from Identity Theft: The Privacy website also offers tips on how to avoid becoming a victim of identity theft, including advice for travelers. See www.upenn.edu/oacp/privacy/yourdata/identity-theft.html
- Follow the tips for safe computing: Visit the Information Systems and Computing website to find ISC’s “Top 10 Tips for Faculty” and “Top 10 Tips for Staff,” as well as “Top 10 Tips for Smartphones and Tablets.” These will get you quickly through many critical topics—including firewalls, passwords, wireless, phishing and more—to help you protect Penn data and your personal information. See www.upenn.edu/computing/security/checklists/Top10

For more background on Data Privacy Day, visit www.staysafeonline.org/dpd
For resources relating to higher education, see www.educause.edu/policy/dataprivacy

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

**January AT PENN**

**MLK Commemorative Symposium on Social Change**

14 American Jews and the Civil Rights Movement; a lecture on the experience of American Jews during the Civil Rights Movement; 7 p.m.; Hillel.

15 Women of Color at Penn Celebration of King’s Birthday; affirming affirmations of peace with Dr. Valerie Swain-Cade McCoullum, vice provost for university life, honoring Dr. King on his actual birthday; 4 p.m.; Reading Room, Houston Hall.

16 The School of Nursing Dr. Martin Luther King, Jr. Lecture; Dr. Eve J. Higginbotham, Perelman School of Medicine, on What would Martin Luther King Jr. Say About Healthcare Today; 3 p.m.; rm. 118, Claire Fagin Hall.

20 Day of Service begins with breakfast at Houston Hall, continuing with service projects; free parking available for participants; see www.upenn.edu/aarc/mlk for details.

**AT PENN Deadlines**

The January AT PENN calendar is online at www.upenn.edu/almanac. The deadline for the February AT PENN calendar is today, January 14.

Information is on the sponsoring department’s website. Sponsors are in parentheses. For locations, call (215) 898-5000 or see www.facilities.upenn.edu

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**The Pennsylvania Chinese Dance Club (above) performs at the Penn Museum’s Chinese New Year Celebration on Saturday, January 25.**

**Celebrating the Year of the Horse**

Galloping into the excitement of the New Year by ringing in the Year of the Horse at the Penn Museum’s 33rd Annual Chinese New Year Celebration on Saturday, January 25, from 11 a.m.-4 p.m. The day-long extravaganza includes martial arts demonstrations, dance performances, in the cafe by yu-yu (tangyuan) and tangyuan workshops, family crafts and a grand finale lion dance performance. The celebration is free with Museum admission ($15/general, $13/seniors (65+), $10/children (6-17) and college-students with ID, free/children under 5, members, active US military personnel and PennCard holders).

**Special Offer:** those who were born in the Year of the Horse (1930, 1942, 1954, 1966, 1978, 1990, 2002) or are an expectant mom in 2014 and can prove it, you can gallop on in for free as long as you bring at least one non-Horse paying guest with you. For more information visit www.penn.museum/events-calendar/details/1220-chinesenewyear.html

**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

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**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 December 30, 2013-January 5, 2014. Also reported were 13 Crimes Against Property (8 thefts, 2 vandalism, 1 burglary, 1 fraud and 1 DJU). Full reports are available at: www.upenn.edu/almanac/volumes/v60n18/express.html Prior weeks’ reports are also online. — Eds.

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 December 30, 2013-January 5, 2014. 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) 898-4492.

01/04/14 11:00 AM 451 University Ave Complainant assaulted by known person

**18th District Report**

Below are the Crimes Against Persons from the 18th District: 4 incidents with 1 arrest (2 aggravated assaults), 1 robbery, 2 burglaries.

**12/31/13 12:57 AM 43rd & Spruce St**

Robbery/Arrest

**01/02/14 6:35 PM 4700 Larchwood Ave**

Robbery

**01/04/14 12:19 AM 232 S 45th St**

Aggravated Assault

**01/04/13 12:04 PM 451 University Ave**

Aggravated Assault

Note: The Community Crime and Crimes Against Persons reports from December 9-29, 2013 are available on Almanac’s website, www.upenn.edu/almanac/almanaccrimes-index.html

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**HR: Upcoming Programs**

**Quality of Worklife Workshops**

Dealing with the demands of work and your personal life can be challenging. These free workshops, sponsored by Human Resources and led by experts from Penn’s Employee Assistance Program and Quality of Worklife Department, offer information and support for your personal and professional life challenges. For complete details and to register, visit www.hr.upenn.edu/myhr/registration or contact Human Resources at (215) 573-2471 or gow@hr.upenn.edu

**Getting Back into the Swing of Things; January 23; noon–1 p.m.; free.** After the hustle and bustle of the holiday season, it can be hard to get back into the swing of healthy habits. This workshop will give you the extra encouragement you need to get back on track. You’ll learn how to create “power” lunches and healthy snacks, choose healthy vending machine items and find ways to be active at the workplace. In addition, you’ll get to sample some delicious-and healthy—snack options.

**Healthy Living Workshops**

Get the tools you need to live well year-round. From expert nutrition and weight loss advice to exercise and disease prevention strategies, we can help you kick-start your body and embrace a healthy lifestyle. These free workshops are sponsored by Human Resources. For complete details and to register, visit www.hr.upenn.edu/myhr/registration and choose Health Promotions from the Browse by Category section. Or contact Human Resources at (215) 898-5116 or gow@hr.upenn.edu

**Gentle Yoga; January 15; noon–1 p.m.; free.** Explore the natural movements of the spine with slow and fluid moving bends and soft twists. Gentle Yoga will make you calmer, less anxious and less stressed as you connect these movements to your breath to create a pattern of positive movement.

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**Almanac**

3910 Chestnut Street, 2nd floor Philadelphia, PA 19104-3114 Phone: (215) 898-5274 or 5275 FAX: (215) 898-9137 Email: almanac@upenn.edu URL: www.upenn.edu/almanac

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A new exhibition from the Smithsonian Institution Traveling Exhibition Service (SITES) will feature rare paintings by William H. Johnson, from the collection of the James E. Lewis Museum at Morgan State University. An essential figure in modern American art, William H. Johnson (1901-1970) was a virtuoso skilled in various media and techniques and produced thousands of works over a career that spanned decades, continents and genres.

William H. Johnson: An American Modern will be on view at the Arthur Ross Gallery from January 18-March 23, 2014. It will then continue on a 10-city tour through 2014. The exhibition is made possible through the generous support of the National Endowment for the Arts, the Henry Luce Foundation and Morgan State University Foundation Inc.

The pivotal stages of Johnson’s career as a modernist painter are assembled in this group of rarely seen paintings. Every step of his artistic development is conveyed—from his post-impressionist and expressionist works of the 1920s, to vibrant vernacular paintings from the end of his career in the 1940s, in which Johnson articulated his distinctive, unforgettable vision as an American modern artist.

The paintings boast a remarkable history. In 1956 the Harmon Foundation, a nonprofit that helped foster awareness of African art from 1922 until its demise in 1967, took ownership of Johnson’s own collection of art—saving it all from being destroyed. When the foundation had to shut its doors, they donated more than 1,000 works to the Smithsonian’s National Collections of Fine Arts (now the Smithsonian American Art Museum). The terms of the agreement called for the Smithsonian to donate artworks to several black colleges and universities, including Morgan State University. The founding chair of Morgan’s art department, James E. Lewis, was first to carefully select these works for his museum’s permanent collection.


Related Events
All events are free and open to the public, unless otherwise noted:

- Friday, January 17, 5:30 p.m.; Opening Reception, jazz performance and the world premiere of the William H. Johnson Suite composed and performed by Dr. Guthrie Ramsey and MusiQology. Co-sponsored by the Center for Africana Studies.
- Thursday, January 30, 5:30 p.m.; Dr. Mark Anthony Neal, Duke University and Dr. Guthrie P. Ramsey, University of Pennsylvania, celebrate their new books Looking for Leroy: Illegible Black Masculinities and The Amazing Bud Powell: Black Genius, Jazz History and the Challenge of Bebop. They will be in conversation with eminent cultural critic Greg Tate.
- Wednesday, February 12, 5:30 p.m.; concert by Mimi Stillman and the Dolce Suono Ensemble.
- Thursday, February 13, 6:30-9:30 p.m. Valentine’s Throwback Thursday: an evening of food, drink, jazz and swing dancing (exclusively for Penn students with Penn ID).
- Tuesday, March 4, 5:30 p.m.; Abdì Farah, artist talk, Penn alumnus and winner of the first season of Bravo Network’s “Work of Art: Next Great Artist.”
- Friday, March 21, 5:30 p.m.; lecture, William H. Johnson: Modernist Master of New World Realities, Dr. Leslie King Hammond, graduate dean emerita & founding director, Center for Race and Culture, Maryland Institute College of Art.

Additional support for the exhibition and related programming is provided by the Arthur Ross Exhibition Fund, Mrs. Arthur Ross, Mr. George Gillespie, the Patron’s Circle of the Arthur Ross Gallery, the Center for Africana Studies, University of Pennsylvania, the Dolfinger-McMahon Foundation, the Philadelphia Cultural Fund and the Pennsylvania Council on the Arts.

Arthur Ross Gallery, University of Pennsylvania, 220 South 34th Street, (215) 898-2083, www.upenn.edu/ARG Hours: weekdays: 10 a.m.-5 p.m., weekends: noon-5 p.m., closed Mondays.