News Highlights and Announcements

- Faculty Spotlight: Li Li - Understanding subsurface complexity for safe, long-term, geological carbon sequestration
  Li Li, an assistant professor of energy and mineral engineering at Penn State, is investigating geologic carbon sequestration as a way to store the greenhouse gas carbon dioxide deep in the Earth’s subsurface.

- David Hughes: Penn State researcher receives Grand Challenges Explorations grant
  A Penn State researcher has been chosen to receive a grant through the Grand Challenges Explorations program, an initiative funded by the Bill & Melinda Gates Foundation. David Hughes, assistant professor of entomology and biology, will pursue an innovative global health and development research project, titled "Taking Out the Bodyguards: A Novel Solution to Ag Disease."

- Tim Kelsey: Local collection of state taxes rises in Marcellus Shale counties
  Natural-gas development appears to be having a positive effect on the local collection of state taxes in Pennsylvania's Marcellus Shale region, according to an analysis by researchers in Penn State's College of Agricultural Sciences.

- Sue Brantley: Distinguished Professor elected to National Academy of Sciences
  Susan L. Brantley, Distinguished Professor of Geosciences at Penn State and director of the College of Earth and Mineral Sciences' Earth and Environmental Systems Institute (EESI) has been elected to membership in the National Academy of Sciences for her excellence in original scientific research. Membership in the NAS is one of the highest honors given to a scientist or engineer in the United States.

- Larry Gorenflo: Endangered species, languages linked at high biodiversity regions
  Biodiversity hot spots (the world's biologically richest and most threatened locations on Earth) and high biodiversity wilderness areas (biologically rich but less threatened) are some of the most linguistically diverse regions on our planet, according to a team of conservationists.

- Sue Brantley: Research project develops collaborative tool for water quality data
  A new database, using a platform supported by the National Science Foundation that channels available water quality data into a searchable format, was demonstrated at the Shale Network 2012 Workshop at Penn State’s University Park campus in April.

- Penn State ranks third in NSF engineering research ranking
  A new report by the National Science Foundation (NSF) ranked Penn State engineering third in overall research expenditures.

- Rick Schuhmann: Penn State, Moroccan students team up to improve the country's water
  A recent trip to Morocco allowed Penn State engineering leadership students to put theory into practice as they engaged in a cross-cultural collaboration with engineering students from Ecole Mohammadia d'Ingenieurs (EMI).
• **Blair Hedges: 24 new species discovered on Caribbean islands are close to extinction**
In a single new scientific publication, 24 new species of lizards known as skinks, all from islands in the Caribbean, have been discovered and scientifically named.

• **Jain, Kasting and Logan: Three Penn State faculty members awarded Evan Pugh Professorships**
Three Penn State faculty members have been named Evan Pugh Professors, joining a list of only 62 recognized since the title's inception in 1960. Even Pugh Professorships are the highest honor the University bestows on its faculty.

• **Student Advisory Council awards first sustainability leadership honors**
A tree planting ceremony near Fisher Plaza was held on Earth Day to honor the first three recipients of the Student Sustainability Leadership Award. Peter Buckland, Risa Lisle, and George Gard were selected for their peer education, community projects and campus leadership.

**Featured Events**

**May 14-16, 2012**

• **Summer Institute: Sustainability and Community Development**
Days Inn Penn State

**May 15, 2012**

• **Webinar: An Integrated Green Infrastructure Plan for the City of Lancaster**
The Pennsylvania State Section of the American Water is hosting a free webinar on green infrastructure. Webinar speakers are Charlotte Katzenmoyer, Director of Public Works, City of Lancaster and Andrew Potts, PE, Water Resources Engineer, CH2M Hill. Registration is limited so please register ASAP! Webinar will be held on May 15, 2012 from noon to 1:00 p.m.

**May 21, 2012**

• **Center for Pollinator Research Symposium**
8:00 a.m. - 5:00 p.m.; 118 ASI Building

**May 30-31, 2012**

• **Multi-State Marcellus Shale Research Conference**
Conference will be held May 30-31, 2012 at the DoubleTree by Hilton Pittsburgh Airport in Moon Township, Pa. The Second Annual Multi-State Marcellus Shale Research Conference will bring researchers and educators from academic institutions together to identify gaps in current Marcellus-related research, prioritize research agendas, and determine ways to advance these research agendas. Specifically, this conference will offer participants the opportunity to: 1) develop white papers that identify future research priorities and that can form the basis for future research proposals; 2) build new collaborations among researchers across states and institutions; and 3) engage Extension educators in discussions about future research priorities related to shale gas development. Conference is a collaboration among Cornell University, Penn State University, and West Virginia University.
Job Announcements

- Department Of Justice: Chief, Environmental Enforcement Section Environment and Natural Resources Division
- BLM: Civil Engineer (Hydraulics)

Funding Opportunities (View all 45 recent announcements)

- Improving Accuracy of Solar Forecasting (May 16)
- Antarctic Research (May 31)
- Great Lakes Restoration Initiative (May 24)
- Extension Integrated Pest Management (May 29)
- Emerging Markets Program (May 23)
- Quality Samples Program (May 23)
- Technical Assistance for Specialty Crops Program (May 23)
- Research and Evaluation on Education in Science and Engineering (July 17)
- Arctic SEES (Science, Engineering, and Education for Sustainability) (September 14)
- Resident Postdoctoral Fellowship Program in Microbiology (June 18)
- Cleaner Production and Environmental Technologies: Promoting Green Growth through Private Sector Partnerships (May 31)
- Collaborative Research in Fusion Energy Sciences on Foreign Research Facilities (June 21)
- Clean Cities - Implementation Initiatives to Advance Alternative Fuel Markets (June 18)
- Sea Grant-NOAA Regional Team Collaboration Grants 2012 (June 4)
- Resilience and Economic Growth in the Arid Lands-Improving Resilience in Kenya (June 6)
- Sustainable Cities: Urban Energy Planning for Smart Growth in China and India (July 26)
- DOD FY12 Peer Reviewed Cancer Visionary Postdoctoral Fellowship Award (Sept. 12)
- Fuel Cell Powered Airport Ground Support Equipment Deployment (June 11)
- Supporting Forests and Biodiversity Project (June 6)
- Nexus Dialogue on Water Infrastructure (June 4)

(View all 224 funding announcements)

Featured Conferences View all 374 upcoming conferences

- 2012 PA-AWRA Annual Conference - Call for Papers
  The Pennsylvania Section of American Water Resources Association is planning its annual fall conference, to be held October 11, 2012 in Harrisburg. The theme for this year is "Water Quality in Pennsylvania - Sources of Impairment and Efforts to Address Them." Abstract deadline for oral presentations are due May 31, 2012.
- 2nd Water Research Conference: Call for Abstracts
  Conference will address two major topics: urban water management to increase sustainability of cities and microbial ecology of water and wastewater treatment. Abstract submission deadline is August 24, 2012.

UNSUBSCRIBE
If you do not wish to receive messages from this listserv you can unsubscribe by simply sending an e-mail to L-PSIEE-
unsubscribe-request@lists.psu.edu - no subject or message text is required.

NEW SUBSCRIBERS
If you know of others that may be interested in joining this listserv, they can join by sending an e-mail to: L-PSIEE-subscribe-request@lists.psu.edu - no subject or message text is required. The system picks up the name and address from the e-mail headers.

We welcome your input!
In order to make this listserv useful for our subscribers, we appreciate your feedback! Please send your comments/suggestions to Patricia Craig at plc103@psu.edu. Please use “PSIEE listserv” in the subject line. If you have information that you would like us to distribute please send that as well. Thanks!

Thank you for your continued interest in the Penn State Institutes of Energy and the Environment!

Best regards,
Patricia Craig