News Highlights and Announcements (View all news)

Pennsylvania Water Symposium May 5-6, 2010
There is still time to register to attend the Pennsylvania Water Symposium, scheduled this week (National Drinking Water Week) at the Penn Stater Conference Center in State College, PA. A reception will be held the evening of May 5, followed by a full-day of presentations on May 6. This event will showcase water resources issues, research and outreach -- being conducted by faculty, students, stakeholders, and professionals throughout Pennsylvania. Thanks to the generous support of our sponsors, registration (including reception, symposium, lunch) for this event is only $20 for 200 registrants (currently: 160).

For more information on the PA Water Symposium or to register, please visit the website below.
http://agsci.psu.edu/pa-water-symposium

Primary Sponsors:
- Pennsylvania Water Resources Research Center
- Pennsylvania Department of Environmental Protection

Co-sponsors:
- Penn State Master Well Owner Network
- Pennsylvania Ground Water Association
- Penn State Environment and Natural Resources Institute
- Penn State Earth and Environmental Systems Institute

Chen receives DARPA Young Faculty Award
Yongsheng Chen, assistant professor of energy and mineral engineering and the Virginia S. and Philip L. Walker, Jr. Faculty Fellow, has received a 2010 Young Faculty Award from the Defense Advanced Research Projects Agency (DARPA). DARPA Young Faculty Awards are given to junior faculty conducting research in the areas of the physical sciences, engineering and mathematics.

Bond, Hambrick, Mallouk named Evan Pugh Professors
The latest honorees are Judith S. Bond, Distinguished Professor and Chair of Biochemistry and Molecular Biology, College of Medicine; Donald C. Hambrick, Smale Chaired Professor of Management, Smeal College of Business; and Thomas Mallouk, DuPont Professor of Materials Chemistry and Physics, Eberly College of Science.

Center for Sustainability Site Master Plan: The Learning Laboratory Available Online
Phase 1 construction of the MorningStar Solar Home and Hybrid Renewable Energy Research Laboratory will start May 2010. Featuring solar, wind, and geothermal energy systems, the first phase of the CfS site development will demonstrate sustainable design practices, provide teaching tools for sustainable technologies, and create a laboratory that will enable research on new approaches to reduce the impacts of our day-to-day activities. MorningStar will open next April on the new site.

New Course for Fall 2010: Hydrological and Water Resource Impacts of Climate Change
The seminar will critically examine the data, models and methods, and conclusions of approaches used to create scenarios of climate change impacts on hydrology and water resources from local through regional to global scale.

4 Complimentary Registrations Available
PSIEE has four complimentary registrations to the Frontiers in Metallobiochemistry Symposium scheduled for June 2-5, 2010 on the University Park Campus. They are available on a first come –first serve basis. Please let Patricia Craig (plc103@psu.edu) know ASAP if you are interested.
Penn State recognized as national leader in green power use
For the fourth year in a row, Penn State leads the Big Ten and ranks third in the nation among colleges and universities in the amount of green power it uses, according to the Environmental Protection Agency.

Alley, Meszaros named to American Academy of Arts and Sciences
Two Penn State faculty members are among the 229 leaders in the sciences, the humanities and the arts, business, public affairs and the nonprofit sector who have been elected members of the American Academy of Arts and Sciences.

Small Wind Turbine Installation Class July 26-30 2010
Saint Francis University's Renewable Energy Center (75 minutes from UP) is hosting a Solar Energy International Small Wind Class this summer. Please share around as appropriate with interested professionals and students. View flyer

EPA Establishes Web site on BP Oil Spill
As part of the ongoing federal response to the BP oil spill in the Gulf of Mexico, EPA established a website to inform the public about the spill’s impact on the environment and the health of nearby residents.

Postdoctoral Fellow Opportunity
The Advanced Consortium on Cooperation, Conflict and Complexity (AC4 at the Earth Institute, Columbia University is currently seeking applicants for its Postdoctoral Fellows Program in Sustainable Development and Peace.

Request for Nominations
The EPA Science Advisory Board (SAB) Staff Office is requesting public nominations of non-EPA experts to augment the SAB Ecological Processes and Effects Committee (EPEC) to review the design, scope, and progress of EPA research to model, monitor, and map ecosystem services. Nominations should be submitted by May 13, 2010.

Northeast Sun Grant Institute Conference
The Northeast Sun Grant Institute announces the 2010 Northeast Conference: “Championing the Northeast's participation in the National Bioenergy Agenda” to be held May 24-26, 2010 at the Renaissance Syracuse Hotel in Syracuse, New York.

Select Campus Events (View all calendar of events) | (View all 327 upcoming conferences)

May 4, 2010

- Geosciences Colloquium
  Francis Albarède, Ecole Normale Supérieure de Lyon, “The origin of terrestrial volatile”
  4:00 p.m.; Deike Building

May 5 - 6, 2010

- Pennsylvania Water Symposium - Groundwater and Surface Water: A Single Resource
  Penn Stater Hotel and Conference Center

May 7, 2010
Crop and Soil Sciences Seminar
Maina Martir, Ph. D. Candidate, “Influence of urban landscaping practices on the abundance and diversity of ammonia oxidizing prokaryotes”
12:20 p.m.; 101 Ag Sciences and Industries Building

May 12, 2010

WUN Horizons in Earth Systems Virtual Seminar Series
Jeffrey Bada, Scripps Institute of Oceanography, "The origin of life: transformation from a abiotic to a biotic Earth"
Noon; 541 Deike Building

May 13, 2010

Manure Du Jour Webinar Series
Dave Dunn, Cow Power Coordinator for Central Vermont Public Service; Paul Patterson, PSU Poultry Science (Invited), "Linking Livestock and Renewable Energy"
1:30 p.m.

Infectious Disease Dynamics Seminar
Harmit Malik, Fred Hutchinson Cancer Research Center, "Molecular arms-races between primate and viral genomes"
4:00 p.m.; 510 Mueller Laboratory

Select Funding Opportunities (View 32 recent announcements | View all open 233 funding announcements)

- Dimensions of Biodiversity (Letter of Intent due May 7)
- Conservation Innovation Grants - Pennsylvania (May 14)
- Solar Workforce Certification and Training Accreditation (May 14)
- Sea Grant Aquatic Invasive Species (May 17)
- Coral Reef Crime Scene Investigation Program: Illegal Trade in Wildlife Products Derived from Coral Reef Ecosystems (May 17)
- Coal Utilization Science: Advanced Research for Fossil Energy Power Systems (May 24)
- NOAA Sea Grant Aquaculture Extension and Technology Transfer 2010 (May 24)
- Pacific Islands Climate Change Cooperative (May 30)
- Marine and Hydrokinetic Technology Readiness Advancement Initiative (June 7)
- Women And Minorities In Science, Technology, Engineering And Mathematics Fields Program (June 7)
- i6 Challenge (July 15)
- Computational Toxicology: Biologically-Based Multi-Scale Modeling (July 15)
- High Impact Supply Chain R&D for PV Technologies and Systems (July 2)
- Academic-Industrial Partnerships for Translation of in vivo Imaging Systems for Cancer Investigations (July 5)
- Critical Issues: Emerging and New Plant and Animal Pests and Diseases (June 21)
- Assay Development for High Throughput Molecular Screening (June 12)
- International Research Ethics Education and Curriculum Development Award (June 21)
- Research and Development for Next Generation Nuclear Physics Accelerator Facilities (June 8)
- Countermeasures Against Chemical Threats Cooperative Research Projects (September 14)
- Countermeasures Against Chemical Threats Research Centers of Excellence (September 14)
- Long Term Research in Environmental Biology (LTREB) (July 13)
Co-Production of Power, Fuels, and Chemicals via Coal/Biomass Mixtures (May 28)
Surpassing Evolution: Transformative Approaches to Enhance the Efficiency of Photosynthesis (November 1)
Physics Frontiers Centers (August 11)
Earth Sciences: Instrumentation and Facilities (July 19)
Monitoring, Data Management, and Special Studies - South Florida Geographic Initiative, Water Quality Protection Program for the Florida Keys National Marine Sanctuary, and the Southeast Florida Coral Reef Initiative/Land-Based Sources of Pollution (June 10)
Aerial Pesticide Applicator Training and Outreach: Request for Applications (June 7)
USFWS/NCTC: Evaluation Plan and Implementation for the Youth in Natural Resource Careers Initiative (May 21)
Higher Education Multicultural Scholars Program (July 28)
Weatherization Innovation Pilot Program (June 2)
Smart Grid Research and Development (June 22)
Photovoltaic (PV) Manufacturing Initiative (June 3)

Special Funding Announcements

Dimensions of Biodiversity Letter of Intent due May 7, 2010
The Dimensions of Biodiversity initiative seeks to characterize biodiversity on Earth by using integrative, innovative approaches to fill rapidly the most substantial gaps in our understanding of the diversity of life on Earth. This campaign will take a broad view of biodiversity, and in its initial phase will focus on the integration of genetic, taxonomic, and functional dimensions of biodiversity. Successful proposals should integrate these three dimensions to understand interactions and feedbacks among them.

Ford College Community Challenge
The Ford Motor Company Fund is reaching out to colleges and universities to request proposals for a third round of an innovative grant-making initiative: The Ford College Community Challenge (Ford C3). This one-time special program seeks to work with partner higher education organizations to catalyze community-building projects that address pressing local needs.

Request for Information: Manufacturing Stationary Fuel Cell Systems
The Department of Energy (DOE) is seeking feedback from the research community and relevant stakeholders to assist in the development of a planned FOA for new manufacturing research activities aimed to reduce fuel cell costs and improve the quality and reliability of high temperature (~160-800°C), Combined Heat and Power (CHP) fuel cells, such as, but not limited to, Solid Oxide Fuel Cells (SOFC), Polybenzimidazole (PBI) Fuel Cells, Phosphoric Acid Fuel Cells (PAFC), and Molten Carbonate Fuel Cells (MCFC) for stationary power applications.

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We welcome your input!
In order to make this listserv a useful tool for our subscribers, we appreciate your feedback! Please send your comments/suggestions to Patricia Craig at plc103@psu.edu or Betsy Grgrurich at ebb14@psu.edu. Please use "listserv feedback" 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