



## **ACS International News**

*ACS Office of International Activities*  
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In collaboration with the American Chemical Society Committee on International Activities, the ACS Office of International Activities publishes ACS International News in electronic form on a bimonthly basis. It is designed to provide information on activities, networks, resources, products and services related to international aspects of chemical sciences, technology, engineering and innovation.

For information on international meetings and conferences, we invite you to visit <http://www.acs.org> and click on "Meetings" along the top to search and view opportunities in the U.S. and internationally.

Please share this email with your colleagues, and we also hope you will consider contributing content for future editions. Send your ideas and suggestions to [intlacts@acs.org](mailto:intlacts@acs.org).

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## **C O N T E N T S**

### **INTERNATIONAL CURRENTS**

#### **2011 – International Year of Chemistry**

The General Assembly of the United Nations has adopted a resolution proclaiming 2011 as International Year of Chemistry; The American Chemical Society celebrates the news. "We will help provide opportunities for Nobel Laureates, eminent scientists, teachers, outstanding young chemistry students, and chemistry communities around the world to demonstrate how people's lives are improved through chemistry" declared ACS President, Thomas H. Lane. Read more at: <http://pubs.acs.org/isubscribe/journals/cen/87/i01/html/8701notw8.html>

#### **237th ACS National Meeting & Exposition**

The 237<sup>th</sup> ACS National Meeting in Salt Lake City is just around the corner. Register by February 23, 2009 to receive the lowest registration rates for the meeting, which will showcase the best in chemical research. For more information and to register, please visit: [http://portal.acs.org/portal/acs/corg/content?\\_nfpb=true&\\_pageLabel=PP\\_TRANSITIONMAIN&node\\_id=2040&use\\_sec=false&sec\\_url\\_var=region1&\\_uuiid=78dd832b-cac2-4232-97f6-b19cde17d480](http://portal.acs.org/portal/acs/corg/content?_nfpb=true&_pageLabel=PP_TRANSITIONMAIN&node_id=2040&use_sec=false&sec_url_var=region1&_uuiid=78dd832b-cac2-4232-97f6-b19cde17d480)

#### **Joe Francisco named ACS President Elect**

Francisco will serve as ACS president in 2010 and as a member of the ACS Board of Directors from 2009 to 2011. In his Candidate Statement, the ACS President-Elect recognizes that "finding the solutions to the challenges facing our world requires skilled scientists capable of working with and across different cultures." Francisco will focus on making sure that ACS continues to be a leader in facilitating global collaboration and promoting innovation. "I will initiate the creation of an international center with the objective of generating an international network of cooperation to generate and share new ideas in the chemical field" he said. Learn more about our new President-Elect at: [http://portal.acs.org/portal/acs/corg/content?\\_nfpb=true&\\_pageLabel=PP\\_ARTICLEMAIN&node\\_id=27&content\\_id=WPCP\\_008425&use\\_sec=true&sec\\_url\\_var=region1&\\_uuiid=](http://portal.acs.org/portal/acs/corg/content?_nfpb=true&_pageLabel=PP_ARTICLEMAIN&node_id=27&content_id=WPCP_008425&use_sec=true&sec_url_var=region1&_uuiid=)



### **Peter Kenneth Dorhout named 2009 International Activities Committee Chair**

Dr. Peter K. Dorhout has been named Chair of the ACS International Activities Committee for 2009.

Throughout his 24 years of membership in ACS, Dr. Dorhout has been an active member of the Nuclear Chemistry Division, the Inorganic Chemistry Division and the Industrial and Engineering Chemistry Division as well as a member of the Solid State Chemistry Subdivision and the Advanced Materials & Nanotech Subdivision. He has also served as councilor of the Colorado Local Section since 2007 and was Chair of the Committee on Committees in 2008.

Dr. Dorhout holds a B. S. in Chemistry from the University of Illinois at Urbana-Champaign and a Ph.D. in Inorganic Chemistry from the University of Wisconsin-Madison. He is currently a Professor of Chemistry at Colorado State University where he also serves as Vice Provost for Graduate Affairs and Assistant Vice President for Research. His many awards include an International Programs Distinguished Service Award from Colorado State University in 2008; a Marvin C. Goldberg Service Award from the ACS Colorado Local Section in 2003; an ACS Exxon Solid State Chemistry Award in 1996; and a National Science Foundation Career Award (1996-2000). For more information, please contact [intlacts@acs.org](mailto:intlacts@acs.org)

### **Important News for International Travelers – Changes to the Visa Waiver Program (VWP)**

The VWP enables citizens of certain countries to travel to the United States for tourism or business for 90 days or less without obtaining a visa. On November 17, 2008, the Visa Waiver Program (VWP) was expanded to include the Czech Republic, Estonia, Hungary, Latvia, Lithuania, the Republic of Korea and the Slovak Republic. On December 30, 2008 Malta joined the VWP. Effective January 12, 2009, all VWP travelers are required to obtain an authorization via ESTA before traveling to the United States. ESTA is the new Electronic System for Travel Authorization implemented by the Department of Homeland Security to screen passengers traveling to the U.S. under the Visa Waiver Program. Please visit [http://travel.state.gov/visa/temp/without/without\\_1990.html](http://travel.state.gov/visa/temp/without/without_1990.html) to learn more.

### **Join the ACS Member Network!**

The ACS Member Network is an online networking tool that facilitates more effective collaboration among ACS members and scientific professionals. The ACS Member Network allows you to develop your own personal network of ACS members, share research and publications information and find friends and colleagues from all over the world faster and easier than ever before. It is FREE and available to all ACS members. Thomas H. Lane, ACS President 2009, commented: "I plan to use the new community tools in the ACS Network to have conversations about chemistry in every day lives and find out how ACS can put a human face on chemistry in the world."

To join the network of the world's largest scientific society for chemical professionals, please visit <http://www.acs.org/MemberNetwork>.

### **Green Chemistry Conference Abstract Deadline**

The February 13 abstract submission deadline is fast approaching for this year's 13<sup>th</sup> Annual Green Chemistry & Engineering Conference. The theme for the conference, June 23-25, 2009, in College Park, Md., is "Innovating for the Future: Progress on the Grand Challenges in the Chemical Enterprise." Attendees can choose from seven different tracks, all focused around the Grand Challenges, first identified in the National Academy of Sciences' 2006 report on sustainability in the chemical industry. The report can be found at: <http://books.nap.edu/openbook.php?isbn=0309095719>



Keynote speakers for the conference are Len Sauer, Ph.D., Vice President, Global Sustainability, The Procter & Gamble Company, and Jean-Michel Cousteau, Founder and President, Ocean Futures Society, and Executive Vice President, The Cousteau Society. For information on submitting abstracts, conference registration, and housing reservations, please visit the conference web site at [www.gcande.org](http://www.gcande.org)

## **REGIONAL NEWS AND RESOURCES**

### ***Africa and the Middle East***

#### **South Africa's First Nuclear Fuel**

Pebble Bed Modular Reactor (PBMR), a South African based nuclear design company, has successfully manufactured a new nuclear fuel particle. It took 9 to 10 years to develop the fuel cells, which are the first step in a process to create a safer form of nuclear reactor. For more information please visit: [http://www.sagoodnews.co.za/science\\_technology/sa\\_s\\_first\\_nuclear\\_fuel.html](http://www.sagoodnews.co.za/science_technology/sa_s_first_nuclear_fuel.html)

#### **Saudi Oil Minister Urges Global Energy Cooperation**

During a meeting of energy ministers held in London on December 19<sup>th</sup> (2008), Minister of Petroleum and Mineral Resources Ali Al-Naimi said that all countries must work together to achieve stability in the energy markets. Al-Naimi warned against embracing "the fallacy of energy independence, particularly when it is invoked as a means of reducing reliance on oil imported from a particular region or country." Read more about Al-Naimi's remarks at: <http://www.saudiembassy.net/2008News/News/EneDetail.asp?clndex=8306>

### ***Asia***

#### **World Chemical Outlook – Asia – Pacific**

Chemical and Engineering News has released its 2009 chemical outlook for Asia. After over five years of continuous development, growth freezes throughout the region. Read more at: <http://pubs.acs.org/cen/coverstory/87/8702cover6.html>

#### **India Debuts "Agricultural Wikipedia"**

Indian scientists have developed an online repository of agricultural information to disseminate knowledge to those in the agricultural sector. The first phase of the project, which consists of developing the mechanisms to manage the repository, has almost been completed. Phase 2 will focus on developing ways to disseminate the information -- especially where farmers have no access to the Internet. Read the complete story at: <http://info.scidev.net/t/5161702/5894805/13813/0/>

### ***Latin America and the Caribbean***

#### **World Chemical Outlook – Latin America**

Economists expect growth to slow with the global economic downturn, but not enough to push the region into recession as has happened in more developed areas. Read more at: <http://pubs.acs.org/cen/coverstory/87/8702cover4.html>



## **Argentina espera que en 2009 regresen una centena de los científicos que trabajan en el exterior**

El programa de repatriación y vinculación argentino Raíces, con el que más de 600 científicos han vuelto al país, se convirtió recientemente en política de Estado según informó a DiCYT Águeda Menvielle, directora de Relaciones Internacionales del Ministerio de Ciencia, Tecnología e Innovación Productiva de Argentina. Lea el artículo completo en:

<http://www.dicyt.com/exportNews.php?newsId=12446&siteId=NOV>

## ***Europe***

### **World Chemical Outlook – Europe**

The region will face a very long and difficult year. A decline in chemical production is expected. Learn more at: <http://pubs.acs.org/cen/coverstory/87/8702cover5.html>

### **The ACS-IREU Exchange Program 2009 is Underway**

Young energy is filling the rooms at the Office of International Activities. We are receiving dozens of electronic applications daily and can hardly keep up with the number of inquiries from students interested in participating in the 2009 American Chemical Society Research Experiences for Undergraduates (ACS-IREU) Exchange Program. The deadline has been set for January 31. For the US to Europe program, a total of 18 students will be sponsored to conduct research at some of the best institutions in Italy, France, Germany, and the UK. We are in the process of revising the program budget and may be able to increase the number of scholarships to 21. Spain and Austria are in the pipeline for the 2010 program, pending word from funding agencies and an official site visit planned for this summer.

US applicants wishing to participate in this program must be sophomores or juniors majoring in chemistry, biochemistry, molecular biology, materials science or chemical engineering. In addition they must be US citizens or permanent US residents and have at least one semester or summer of prior research experience.

For the Europe to US program, there are 17 US-REU sites currently signed up to accept 18 European undergraduate students. European applicants must also be second or third year undergraduates majoring in chemistry related fields. French, Italian, and British candidates must be citizens or legal residents of those countries and be enrolled, respectively, at CPE-Lyon in France, the University of Perugia in Italy, and the University of Strathclyde in Scotland. German applicants must be citizens or legal residents of Germany and they have no home-institution restrictions.

A list of US and European participating sites, along with detailed information and online application and recommendation forms can be found on the ACS-IREU website (see link below).

The ACS Office of International Activities is proud to be actively engaged in helping future generations of scientists to develop a global scientific perspective, establish international collaborations, and gain exposure to a different language and culture while participating in cutting edge research projects. [www.acs.org/ireu](http://www.acs.org/ireu).



## **Bridges – The Publication on Science & Technology Policy from the Embassy of Austria**

The Office of Science and Technology at the Embassy of Austria began publishing Bridges back in April, 2004. Since then, the quarterly online publication has become one of the most reliable sources of information on research and science and technology policy related to the U.S. and Austria. To learn more and to read the latest edition, please visit: <http://www.austria.org/content/view/31/53/>

## **FUNDING OPPORTUNITIES**

### **Green Chemistry Student Awards Deadline**

February 1 is the nomination deadline for two important green chemistry student awards. The awards, administered by the ACS Green Chemistry Institute®, are the *Joseph Breen Memorial Fellowship* and the *Kenneth G. Hancock Memorial Award*. The Breen Fellowship sponsors a young international scholar to participate in an international green chemistry technical meeting, conference, or training program of their choosing. Learn more about this award at:

[http://portal.acs.org/portal/acs/corg/content?\\_nfpb=true&\\_pageLabel=PP\\_SUPERARTICLE&node\\_id=1343&use\\_sec=false&sec\\_url\\_var=region1](http://portal.acs.org/portal/acs/corg/content?_nfpb=true&_pageLabel=PP_SUPERARTICLE&node_id=1343&use_sec=false&sec_url_var=region1)

The Hancock Award is a one-time cash award of \$1,000 (USD) for outstanding student contributions to furthering the goals of green chemistry through research or education. International students are encouraged to apply. For more information, please visit:

[http://portal.acs.org/portal/acs/corg/content?\\_nfpb=true&\\_pageLabel=PP\\_SUPERARTICLE&node\\_id=1342&use\\_sec=false&sec\\_url\\_var=region1](http://portal.acs.org/portal/acs/corg/content?_nfpb=true&_pageLabel=PP_SUPERARTICLE&node_id=1342&use_sec=false&sec_url_var=region1)

### **Deadlines for Corporate Associates Seed Grant Proposals**

Receive from \$1,000 up to a maximum of \$10,000 per calendar year for eligible projects or programs. February 15 is the deadline to submit your proposal for consideration at the ACS Spring national meeting in Salt Lake City. July 1 is the deadline to submit your proposal for consideration at the ACS Fall national meeting in Washington DC.

For more information please visit:

[http://portal.acs.org/portal/acs/corg/content?\\_nfpb=true&\\_pageLabel=PP\\_TRANSITIONMAIN&node\\_id=1454&use\\_sec=false&sec\\_url\\_var=region1&\\_uuid=5418f316-1ce4-492e-8441-0e74adc5c5e2](http://portal.acs.org/portal/acs/corg/content?_nfpb=true&_pageLabel=PP_TRANSITIONMAIN&node_id=1454&use_sec=false&sec_url_var=region1&_uuid=5418f316-1ce4-492e-8441-0e74adc5c5e2)

### **ACS 2009 National Award Winners**

The list of recipients of awards administered by the American Chemical Society for 2009 has been published. Vignettes of the award recipients will appear in C&EN in early 2009. With the exception of the Arthur C. Cope Scholar Awards, these recipients will be honored at the Awards Ceremony on Tuesday, March 24, 2009, in conjunction with the 237th ACS national meeting in Salt Lake City, Utah. Find the list of awards at:

[http://portal.acs.org/portal/acs/corg/content?\\_nfpb=true&\\_pageLabel=PP\\_ARTICLEMAIN&node\\_id=1313&content\\_id=WPCP\\_010928&use\\_sec=true&sec\\_url\\_var=region1&\\_uuid](http://portal.acs.org/portal/acs/corg/content?_nfpb=true&_pageLabel=PP_ARTICLEMAIN&node_id=1313&content_id=WPCP_010928&use_sec=true&sec_url_var=region1&_uuid)



The ACS International E-Newsletter is sent out every other month by email. Should you have questions, comments or suggestions for content, please contact the ACS Office of International Activities at [intlacts@acs.org](mailto:intlacts@acs.org). You can find out more about ACS international programs at <http://www.acs.org/international>.

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