

November/December 2005  
The ACS International E-Newsletter  
ACS Office of International Activities

The ACS International E-Newsletter

American Chemical Society Office of International Activities publishes bimonthly and in electronic form the ACS International E-Newsletter. 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 conference, we invite you to visit <http://chemistry.org/meetings> to search and view opportunities. 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

**Prize for Defenders of Scientists' Human Rights.** Two scientists have been awarded a prize for defending the human rights of students and scientists imprisoned for their political beliefs. Read more at:

<http://www.scidev.net/News/index.cfm?fuseaction=readNews&itemid=2379&language=1>

**ACS Seeking International Activities Manager for European Affairs.** The International Activities Manager is responsible for managing the development and implementation of international projects in Europe. This includes the development of all aspects of projects within the framework of the ACS Strategic Plan and working in partnership with other ACS units to enhance the Society's ability to function as an international organization and to enhance the relevance of the Society's services and expertise to international scientists. For more information, go to:

<http://www.chemistry.org/portal/a/c/s/1/acdisplay.html?DOC=jobs\index.html>

### Regional News and Resources

#### Africa

**Donor Nations Pledge Support for African Science.** The Second African Ministerial Conference on Science and Technology (AMCOST2), which took place in Dakar, Senegal, between 27 and 30 September, gave its approval to a broad-ranging five-year "consolidated plan of action" for promoting science and technology across Africa. The meeting was attended by ministerial delegations from more than 30 African countries, as well as representatives of a significant number of Western governments, who have been supporting the plan of action as a framework for providing financial support for individual scientific and technological initiatives.

Read more at:

<http://www.scidev.net/ms/senegal/>

**Zambian Science Academy Launched.** Zambia's new science academy plans to nurture research excellence and promote the communication of local scientists' work. For more information go to:

<http://www.scidev.net/News/index.cfm?fuseaction=readNews&itemid=2362&language=1>

**Malawi President Says S&T Training is Vital.** Malawi will focus on science and technology training to boost economic development, says the country's president. Read more at:

<http://www.scidev.net/News/index.cfm?fuseaction=readNews&itemid=2385&language=1>

## Asia

**The First Annual SOCMA and C&EN China Gala Reception and Dinner** will be held on April 20, 2006 in Shanghai, China and is being organized by the ACS weekly publication Chemical & Engineering News (C&EN) and the Synthetic Organic Chemical Manufacturers Association (SOCMA). This event will take place starting at 6:00 p.m. at the Portman Ritz-Carlton at Shanghai Centre 1376 Nanjing Xi Lu, in order to encourage information exchange and networking among Chinese, US and other countries chemical research professionals in ways that will hopefully lead to research and industrial cooperation. Further details can be obtained from Joseph G. Acker, SOCMA President at [ackerj@socma.com](mailto:ackerj@socma.com), and from C&EN Executive Vice President Benjamin W. Jones at [jones@acs.org](mailto:jones@acs.org).

**Pakistan in Push to Promote Science for Development.** The Pakistani government will host 24 symposia and offer new prizes under a two-year initiative to promote the socioeconomic benefits science can bring. Go to:

<http://www.scidev.net/News/index.cfm?fuseaction=readNews&itemid=2363&language=1>

**India Science Report: Science Education, Human Resources and Public Attitude towards Science and Technology.** Released in October, this report combines information from a massive public survey with data on the country's higher education sector. The \$500,000 exercise commissioned by the Indian National Science Academy (INSA) and executed through the National Council of Applied Economic Research in New Delhi, identified 8.74 million science graduates (those with college-level education in science). Another 1.8 million persons have advanced scientific and technical degrees; including 100,000 with Ph.D. degrees. The data encompass the country's 200 universities and 12,000 colleges, which together spend more than \$6 billion a year on research. View the report at:

<http://www.insaindia.org/India%20Science%20report-Main.pdf>

## Latin America and the Caribbean

**ACS Engagement Activities in Latin America.** With a population of over 535 million people across 20 countries, a regional gross domestic product of US\$2.26 trillion, a chemical enterprise valued at over US \$100 billion annually and with more than 20% of U.S. chemical and related product exports being shipped to the region, Latin America constitutes an important aspect to the world's chemical enterprise. Learn more at:

[http://www.chemistry.org/portal/a/c/s/1/feature\\_acs.html?id=c373e90730ef21f68f6a17245d830100](http://www.chemistry.org/portal/a/c/s/1/feature_acs.html?id=c373e90730ef21f68f6a17245d830100)

**Learn about ACS Spanish Language Resources** including the newly published QUÍMICA: Un proyecto de la American Chemical Society. Find information and links at:

[http://www.chemistry.org/portal/resources/ACS/ACSCContent/international/chem\\_org\\_span\\_res.pdf](http://www.chemistry.org/portal/resources/ACS/ACSCContent/international/chem_org_span_res.pdf)

**ACS Latin American Symposium Presentations.** The 230<sup>th</sup> ACS National Meeting in Washington DC included a symposium on The Chemical Enterprise in Latin America. Find the symposium presentations at:

[http://www.chemistry.org/portal/a/c/s/1/acdisplay.html?DOC=international%5cacs\\_latin\\_american\\_symposium.html](http://www.chemistry.org/portal/a/c/s/1/acdisplay.html?DOC=international%5cacs_latin_american_symposium.html)

## Europe

**Science for Peace in the Middle East: Malta Conference Aims to Strengthen Scientific Ties in Troubled Region.** Scientists from 12 Middle Eastern nations and the Palestinian Authority

met from Nov. 4 to 10 for the second conference designed to forge relationships between scientists in the region. Organizers hope the meeting will draw the attention of national governments to the fact that improving regional scientific cooperation could aid economic development and promote political reconciliation. Read more at:  
<http://pubs.acs.org/cen/news/83/i46/8346enotw8.html>

**The many faces of biomass energy.** The ability to produce energy efficiently and cheaply is the beating heart of economic growth and all that that imbues – wealth creation, better life quality, secure futures. Burning fossil fuels to keep the industrial wheels turning is becoming less and less viable, as stocks begin to deplete and the side effects of dirty energy production leave their mark on the environment. Learn about EU-backed research projects investigating renewable alternatives – plant-derived energy sources known as biomass at:  
[http://europa.eu.int/comm/research/headlines/news/article\\_05\\_09\\_08\\_en.html](http://europa.eu.int/comm/research/headlines/news/article_05_09_08_en.html)

**NanoMedicine vision paper unveiled at EuroNanoForum.** By 2015, nanotechnology-based materials, products and services – including nanomedicines – are expected to form global markets worth hundreds of billion euro each year. As part of its continuing support for EU-level collaboration in nanotechnology and nanoscience (N&N) research, the European Commission has sponsored EuroNanoForum2005, whose showpiece is the launch of the vision paper, Nanotechnology for Health. Find the vision paper at:  
[http://europa.eu.int/comm/research/industrial\\_technologies/pdf/nano\\_medicine\\_vision\\_paper\\_en.pdf](http://europa.eu.int/comm/research/industrial_technologies/pdf/nano_medicine_vision_paper_en.pdf)

## New Links

**Quick Guide and Dossier on Technology Transfer.** The building up of domestic scientific and technological capabilities in developing countries is intertwined with the acquisition of foreign technologies through technology transfers. With this in mind, SciDev.Net is currently developing a dossier on Technology Transfer, and has recently launched a 'quick guide' to the topic that can give you a taste of the issues that will be covered in original policy briefs and opinion articles. View the quick guide at:  
<http://www.scidev.net/quickguides/index.cfm?qguideid=6&CFID=812385&CFTOKEN=31048293>

## Funding Opportunities

**Cooperative Activities in Chemistry Between U.S. and German Investigators (NSF-DFG).** The National Science Foundation (NSF) and the Deutsche Forschungsgemeinschaft (DFG; German Research Foundation), which are counterpart national funding organizations in the U.S. and Germany, respectively, seek to enhance opportunities for collaborative activities in chemistry between U.S. and German investigators. The NSF and DFG will accept collaborative research proposals that establish new partnerships between principal investigators from the U.S. and Germany. Learn more about the program at:  
[http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=13627&org=SBE&from=home](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13627&org=SBE&from=home)

**Research Internships in Science and Engineering (RISE).** The German American Exchange Service (DAAD) in cooperation with science organizations in North America and Germany - is pleased to invite undergraduate students from the US and Canada in the fields of Biology, Chemistry, Physics, Earth Sciences and Engineering to apply for a summer research internship in Germany. RISE summer placements take place with research groups at universities and top research institutions across Germany. The RISE interns are matched with a doctoral student whom they assist and who will also serve as their mentor. This program is funded by the Federal Ministry of Economics and Labor as part of the European Recovery Program (ERP). Find more information at:  
<http://www.daad.de/rise/en/1.html>

**Short-term Scientist Exchange Program.** The Short-Term Scientist Exchange program promotes collaborative research between established U.S. and foreign scientists from developing countries by supporting, in part, exchange visits of cancer researchers to foreign laboratories. Visits of U.S. scientists to overseas laboratories in developing countries may also be considered for support. The visits may be from one week to six months in duration. Learn more at: [http://www.cancer.gov/about\\_nci/doc.aspx?viewid=8fc72aff-ab84-40b5-8fe9-20da67662417&docid=775a930b-99ec-40ff-ae9d-59beb7175527](http://www.cancer.gov/about_nci/doc.aspx?viewid=8fc72aff-ab84-40b5-8fe9-20da67662417&docid=775a930b-99ec-40ff-ae9d-59beb7175527)

**East Asia and Pacific Summer Institutes (EAPSI).** EAPSI provides U.S. graduate students in science and engineering 1) first-hand research experience in Australia, China, Japan, Korea, or Taiwan; 2) an introduction to the science and science policy infrastructure of the respective location; and 3) orientation to the society, culture and language. The primary goals of EAPSI are to introduce students to East Asia and Pacific science and engineering in the context of a research laboratory, and to initiate personal relationships that will better enable them to collaborate with foreign counterparts in the future. The institutes last approximately eight weeks from June to August. Learn more at: [www.nsf.gov/eapsi](http://www.nsf.gov/eapsi)

**IUPAC Prize for Young Chemists - 2006 Solicitation.** Solicitation for the 2006 IUPAC Prize for Young Chemist is underway! Young chemists around the globe are urged to submit their Ph.D. thesis. The prize aims to encourage research scientists at the beginning of their careers. The prize will be given for the most outstanding Ph.D. thesis in the general area of the chemical sciences, as described in a 1000-word essay. The prize will consist of USD 1000 cash and travel expenses to the IUPAC Congress at Torino, Italy as well as an opportunity to present a poster describing the award-winning work! For more information: <http://www.iupac.org/news/prize.html>.

**Thieme-IUPAC Prize 2006 - Call for Nominations.** The call for nominations for the next Thieme-IUPAC Prize is currently open. The deadline for nominations is 9 December 2005. The Thieme-IUPAC Prize is awarded every two years at IUPAC's International Conference on Organic Synthesis (ICOS) to a scientist less than 40 years of age, whose research has had a major impact on the field of synthetic organic chemistry. The 2006 ICOS will be held in Mérida, México, 11-15 June. The Prize is sponsored jointly by Georg Thieme Verlag, IUPAC, and the Editors of Synthesis, Synlett, Science of Synthesis, and Houben-Weyl. For more information on the prize: <http://www.iupac.org/news/archives/2005/Thieme06.pdf>

## SUBSCRIPTION INFORMATION

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://chemistry.org/international>

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