

September/October 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.

C O N T E N T S

International Currents

Human Rights for Scientists. The American Chemical Society joins with other scientific organizations in petitioning the governments of the countries when the human rights of scientists are violated. In recent years, the ACS has petitioned on behalf of scientists in Russia, Cuba, China, Belarus, Iran, Burma, Libya and Vietnam, among others. To learn more about these efforts visit,

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

If you would like to receive an email when ACS takes action, let us know at intlacts@acs.org

Materials World Network: This resource is an inventory of Cooperative Activity in Materials Research between US Investigators and their Counterparts Abroad (MWN)

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=12820&org=MPS&from=home

ACS Directory of Graduate Research. The American Chemical Society ACS Directory of Graduate Research 2005 is the premier source of information on faculty and their research at programs in chemistry, chemical engineering, biochemistry, polymers and materials science, marine science, toxicology, medicinal/pharmaceutical chemistry, and environmental science in the U.S. and Canada. It lists faculty member biographical information, area of specialization, titles of all papers published within the last two years, individual telephone numbers, and FAX numbers. It also contains listings for over 600 academic programs, 10,000 faculty members, and 100,000 publication citations. Published in odd-numbered years by the ACS Committee on Professional Training, the 2005 edition of the Directory contains current faculty information for the 2005-2006 academic year.

DGRweb 2005, the online version of the DGR, is a fast, efficient search engine that contains all of the information in the print version of the Directory. With DGRweb 2005 you can search for faculty by virtually any field in the DGR, including specific research area, academic rank, gender, and state. Search results include complete contact information for faculty including direct links to faculty email addresses and web pages. Institutional searches provide all departmental contact information along with statistical data for the department and a complete list of faculty active in graduate research. Take DGRweb 2005 for a spin when it is released in late October 2005 at:

<http://chemistry.org/education/DGRweb>

DGRweb 2005 includes access to the complete 1997, 1999, 2001, and 2003 databases.

Regional News and Resources

Africa

International Council for Science opens Africa Office. "Africa has a pivotal role to play in assessing the health of the planet", says the director of the International Council for Science's (ICSU) new Africa office, which officially opened September 1, 2005.

<http://www.scidev.net/News/index.cfm?fuseaction=readNews&itemid=2330&language=1>

Creation of Science-Based Industry in Africa. This project is a collaboration of the U.S. National Academies of Science with the Chinese Academy of Sciences and the Nigerian Academy of Sciences. Learn more at:

http://www7.nationalacademies.org/dsc/Africa_industry.html

Mauritania Gets Its First Science Ministry. The West African state of Mauritania is establishing for the first time a ministry dedicated to science and education. Read more at:

<http://www.scidev.net/News/index.cfm?fuseaction=readNews&itemid=2298&language=1>

Asia

The American Chemical Society (ACS) and India's Council on Scientific and Industrial Research (CSIR) have announced a joint conference titled Building Bridges, Forging Bonds for 21st Century Organic Chemistry and Chemical Biology. It is to be held at CSIR's National Chemical Laboratory (NCL) in Pune, India on January 7-9, 2006. The deadline for abstract submission is September 30, 2005. Instructions for abstract submission and registration appear on the website. For more information go to:

<http://www.ncl-india.org/occb2006/index.htm>

The International Chemical Congress of Pacific Basin Societies (Pacifichem) has been established to disseminate recent research results in the chemical sciences among chemists of the Pacific Rim countries. The 2005 Pacifichem will be held December 15-20 in Honolulu, Hawaii. Details about the technical program have been recently announced at:

http://www.pacifichem.org/c_program/

Indian Scientific and Technological Cooperation With Israel and U.S. Announced. India has set up a corpus fund with Israel to promote collaborative industrial research in five technology areas and is in talks with the US for a comprehensive research agreement covering sensitive areas like clinical trial protocols and export of bio-resources.

<http://topics.developmentgateway.org/knowledge/rc/ItemDetail.do~1041897?intcmp=700>

Latin America and the Caribbean

The Chemical Association of Argentina publishes an electronic newsletter covering chemically related activities in the region. For more information contact aqa@aqa.org.ar.

Evaluation: Canada-Brazil Technology Transfer Program. Read an evaluation of the tech transfer program at:

<http://topics.developmentgateway.org/knowledge/rc/ItemDetail.do~1041642?intcmp=700>

CLARA is a regional network that uses advanced technology. CLARA, the Cooperación Latino Americana de Redes Avanzadas (Latin American Cooperation of Advanced Networks) interconnects the Latin-American NREN to one another and to them with its pairs in Europe and the rest of the World. Visit CLARA at:

<http://www.redclara.net/en/01.htm>

Chile Expands Subsidies for Private-sector Scientists. The Chilean National Commission for Scientific and Technological Research (CONICYT) announced this month (5 August) that it would

increase the numbers of subsidies for scientists hired by private companies.

<http://www.scidev.net/News/index.cfm?fuseaction=readNews&itemid=2302&language=1>

Europe

Scientists Appeal for More Research Funding to EU Leaders. As European leaders debate the fate of the forthcoming Seventh Framework Program (FP7), thousands of scientists have weighed in behind a petition calling on the EU to ensure 'a very significant increase' in EU funding in line with the Commission's proposal

http://europa.eu.int/comm/research/headlines/news/article_05_07_15_en.html

The European Young Scientists Contest. Every year, the EU celebrates its best young scientific talent at its Young Scientists Contest. Now into its 17th year, this high profile event is open to young people aged between 15 and 20 years old. Participants in the contest are the winners of national competitions held in the EU Member and Associated States. Find out more:

<http://europa.eu.int/comm/research/youngscientists/index2.htm>

Science Communication Gets EU Cash Injection. In the latest round of funding under the 'Science and Society' activities in the Sixth Research Framework Program (FP6), the EU has set aside €1.6 million to stimulate trans-national exchanges among science communicators. Learn more at:

http://europa.eu.int/comm/research/headlines/news/article_05_08_05_en.html

New Links

The Microchemistry Teaching and Learning Packages are made available free of charge by the Global Microscience Project, developed and promoted by UNESCO.

http://portal.unesco.org/sc_nat/ev.php?URL_ID=4471&URL_DO=DO_TOPIC&URL_SECTION=201&reload=1126535045&PHPSESSID=d19bca24d82646f13add76fd90005c37

Funding Opportunities

Call for Nominations – Citation for Chemical Breakthroughs Award. The Division of History of Chemistry (HIST) of the American Chemical Society solicits nominations for its new award program, Citation for Chemical Breakthroughs. This award recognizes breakthrough publications and patents worldwide in the field of chemistry. The term "breakthrough" refers to advances in chemistry that have been revolutionary in concept, broad in scope, and long-term in impact. Plaques, to be placed near the office or laboratory where the breakthroughs were achieved, will be presented annually to the departments and institutions at which these breakthroughs occurred. All nominations must be received by October 1, 2005. Information can be found on the HIST website, under the heading "Divisional Awards":

<http://www.scs.uiuc.edu/~mainzv/HIST/>

Or write to: hist_ccb@yahoo.com.

International Research Fellowship Program (IRFP). The objective of the IRFP is to introduce scientists and engineers in the early stages of their careers to research opportunities abroad, thereby furthering NSF's goal of creating a diverse, competitive, and globally-engaged U.S. workforce of scientists, engineers, technologists and well-prepared citizens. These awards are available in any field of science and engineering research and education supported by NSF. For more information go to:

http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf05599

The East Asia and Pacific Summer Institutes (EAPSI) provide 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. Learn more at:

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5284&org=OISE&from=home

Dear Colleague Letter: Cooperative Activities in Chemistry between U.S. and German Investigators.

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. Learn more at:

http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf05043

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. You can find out more about ACS international programs at <http://chemistry.org/international>

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