

May/June 2007
The ACS International E-Newsletter
ACS Office of International Activities

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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 conferences, 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

ACS Regional Meetings

A series of ACS regional meetings have been scheduled for 2007. Find information on programming, registration, and housing:

http://www.chemistry.org/portal/a/c/s/1/feature_acs.html?id=c373e911bb70e73d8f6a17245d830100

Dr. Brad Miller announced as Acting Director, Office of International Activities

Starting in June, the ACS Office of International Activities is being led by Dr. Brad Miller, previously the manager of African, Latin American, and Middle Eastern Affairs for the ACS. Brad has been with the ACS since 1999 and is taking over for Dr. Tamara Nameroff, who is now serving as the Acting Director of the ACS Green Chemistry Institute. Get more information on the Office of International Activities and Brad Miller and the Green Chemistry Institute and Tamara Nameroff:

<http://www.chemistry.org/international> and <http://acswebcontent.acs.org/international/Bradcv.pdf>
<http://www.chemistry.org/greenchemistryinstitute> and
<http://acswebcontent.acs.org/international/TamaraNameroffBio.pdf>

Key Green Chemistry Research Areas Published

A recent publication summarizes frequently used reactions needing greener alternatives. The paper written from the perspective of pharmaceutical manufacturers provides an assessment of the current state of the art of 12 research areas applicable to the broader chemical enterprise.

Learn more at:

http://www.chemistry.org/portal/a/c/s/1/feature_acs.html?id=c373e91231e0b6a48f6a17245d830100

Regional News and Resources

Africa and the Middle East

Iranian ACS Members: ACS reinstates 14 people who were dropped from the rolls owing to federal regulation

The American Chemical Society has sent letters reinstating 14 Iranian members who had previously been dropped from the rolls. The society's board of directors decided to take this action after conducting further review of its legal options and after contact with the Department of

Treasury's Office of Foreign Assets Control (OFAC). In addition, the board received a number of letters from concerned ACS members who wanted their Iranian colleagues reinstated. Learn more at:

<http://pubs.acs.org/cen/news/85/i20/8520notw9.html>

Asia

Chinese, U.S. Researchers in Chemical Biology Meet

Twenty-four of the leading researchers in chemical biology from the U.S. and China met recently in Shanghai to discuss the latest advances in chemical biology. The workshop was the first of a series organized by the ACS and the National Natural Science Foundation of China. Learn more at:

http://www.chemistry.org/portal/a/c/s/1/feature_acs.html?id=c373e912bceb395e8f6a17245d830100

The Indian Advantage: Major drug companies in the West are expanding their research programs in India

Big Pharmaceutical Firms that need to quickly get a few dozen chemists to work on a specific, well-defined research project have long known that they can turn to any of India's numerous contract research companies. But in the past two years, the country's research service providers have been undertaking far more significant drug discovery work for foreign clients—work that involves sharing sensitive data. Read more at:

<http://pubs.acs.org/cen/coverstory/85/8521cover.html>

Japan's Directory Database of Research and Development Activities (ReaD).

ReaD is a database service designed to promote cooperation among industry, academia and government. ReaD is the only Web site that collects and provides scientific information on research institutes, researchers, research projects and research resources in Japan. Access the database at:

http://read.jst.go.jp/index_e.html

Latin America and the Caribbean

Brazilian, U.S. Chemists Forge Stronger Ties to Advance Biomass Conversion to Fuels and Chemicals

Scientists and policymakers from Brazil and the U.S.—the world leaders in biofuel research and development—participated in a historic symposium in Águas de Lindóia, Brazil, on May 30–31 to create sustainable research collaborations for improving biomass conversion into fuels and value-added chemicals and materials. Read the full story:

<http://pubs.acs.org/cen/news/85/i23/8523notw4.html>

C&EN: Dispatches from Brazil

The ACS, in partnership with the Brazilian Chemical Society, and the Brazilian Agricultural Research Corporation (EMBRAPA), recently organized a tour of biofuel research labs, production facilities, and demonstration projects in the state of Sao Paulo, Brazil. The tour was funded by the National Science Foundation and included ES&T's Erika D. Engelhaupt and C&EN's Stephen K. Ritter, who reported daily on their experiences at:

<http://cenbrazil.wordpress.com/>

Peruvian Smelting Recorded in Lake Sediment

Long before the Inca Empire fell to the Spanish conquistador Francisco Pizarro in the sixteenth century, archaeologists know that local peoples were practicing intricate forms of metallurgy to produce copper and, later, silver. What isn't known is whether they smelted local, metal-rich ore or imported such ore from outside the central Andes.

http://www.chemistry.org/portal/a/c/s/1/feature_pro.html?id=c373e9124ba47d048f6a17245d830100

Europe

Twenty High School Students Begin the March to Moscow, Russia

The selection process for the U.S. National Chemistry Olympiad began this year with examinations, science fairs, or teacher's recommendations for over 11,000 hopeful high school chemistry students. Learn more at:

http://www.chemistry.org/portal/a/c/s/1/feature_acs.html?id=c373e91289680aa58f6a17245d830100

New process boosts levels of heart-healthy compounds in cocoa powder

Scientists in Spain are reporting development of a new process to make cocoa powder with higher amounts of the healthful chemical compounds linked to chocolate's beneficial effects. The study is scheduled for publication in the May 30 issue of ACS' Journal of Agricultural and Food Chemistry. Find the full article at:

<http://pubs.acs.org/cgi-bin/sample.cgi/jafcau/asap/pdf/jf070121j.pdf>

ACS-PITTCON International Delegation Returns to PITTCON 2007

For more than a decade, an international delegation to the Pittsburgh Conference on Analytical Chemistry and Applied Spectroscopy (PITTCON) has been coordinated by the American Chemical Society, PITTCON, the Society for Analytical Chemists of Pittsburgh (SACP), and the Spectroscopy Society of Pittsburgh (SSP). Learn more at:

http://www.chemistry.org/portal/a/c/s/1/feature_acs.html?id=c373e91173556da88f6a17245d830100

New Links

ACS Study Abroad Resource Page

Who says Humanities majors should have all the fun? Studying abroad is for everyone! Here, you'll learn how to incorporate a semester abroad into a hectic chemical science schedule and why it can be a valuable experience for chemistry students.

<http://www.chemistry.org/portal/a/c/s/1/acsdisplay.html?DOC=education%5Cstudent%5Cstudyabroad.html>

Funding Opportunities

The Green Chemistry Institute Developing and Emerging Nations Grants Program

This program provides seed grants to promote Green Chemistry in developing/emerging nations. The deadline for applications is June 15, 2007. Get more information at:

http://www.chemistry.org/portal/a/c/s/1/acsdisplay.html?DOC=greenchemistryinstitute\research\den_grants.html

Science and Society: The Impact of Science in Policy Formation

The Fulbright Scholar Program German Studies Seminar in 2008 is a unique opportunity for American scholars to spend two weeks in Germany discussing a topic of vital importance in today's world: the impact of science on society. Get more information at:

http://acswebcontent.acs.org/international/08-09German_StudiesSem.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. You can find out more about ACS international programs at <http://chemistry.org/international>.

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