

July / August 2004 Issue No 3
The ACS International E-Newsletter
ACS Office of International Activities

Dear Colleagues:

Welcome to the third issue of our newsletter - our summer issue – being sent to you because of your interest in ACS international activities.

As a subscriber (mail to: intlacts@acs.org), the ACS International E-Newsletter is sent to you every other month by email. Each edition features news items, information resources, reports, funding opportunities and more. You can find out more about ACS international programs at <http://chemistry.org/international>.

We also hope you will forward the newsletter to your colleagues and invite them to consider subscribing. Should you have questions, comments or suggestions for content, please contact the ACS Office of International Activities at intlacts@acs.org.

Best regards.

Tamara J. Nameroff
Director, ACS Office of International Activities

SEE THE ACS 2004 WORLD CHEMICAL OUTLOOK @
<http://pubs.acs.org/cen/coverstory/8202/8202world.html> May / June 2004

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INTERNATIONAL CURRENTS

The new Global 50, with facts and figures for the chemical industry

The new Chemical and Engineering News review of the 50 largest chemical enterprises in the world can be found at <http://pubs.acs.org/cen/business/8229/8229bus1.html> review , with facts and figures on spending and investment at

<http://pubs.acs.org/cen/business/8229/pdf/8229bus1table2.pdf>

and international chemical rankings at

<http://pubs.acs.org/cen/business/8229/pdf/8229bus1table2.pdf>

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The scientific impact of nations How is a nation's scientific standing in the world community measured. The science weekly Nature tries to measure it out.

<http://www.nature.com/cgi->

[taf/Dynapage.taf?file=/nature/journal/v430/n6997/full/430311a_fs.html](http://www.nature.com/cgi-taf/Dynapage.taf?file=/nature/journal/v430/n6997/full/430311a_fs.html)

See also an editorial at :

<http://www.scidev.net/Editorials/index.cfm?fuseaction=readEditorials&itemid=122&language=1>

-Spotlight on macrobiocides in combating HIV / AIDS At SciDev.net, two new features have been introduced and microbiocides and vaccines in the treatment of HIV / AIDS in developing countries. Once considered the poor relations of vaccines, microbicides are increasingly being seen as an important weapon against HIV infection.

(<http://www.scidev.net/hiv/microbiocides> and <http://www.scidev.net/hiv/vaccines>).

NRC-STEP report on the patent system of the 21st century. A National Research Council-STEP Board committee chaired by Richard Levin, president of Yale University, and Mark Myers, the Wharton School and formerly Xerox Corp., has released a final report of its 3-year study of patent policy. The report, "A Patent System for the 21st Century," focuses on how well the system fulfills its mission of encouraging research, innovation, and the dissemination of knowledge and how it is adapting to rapid technological and economic changes. .Copies of the final report (due out July/August 2004) and other products are available from cschultz@nas.edu.

REGIONS

Europe

GAFOC 3 : The 3rd German - American Symposium on the Frontiers of Chemistry.
The Gesellschaft Deutscher Chemiker (GDCh - German Chemical Society) and the

American Chemical Society (ACS) organized the third German-American Frontiers of Chemistry Symposium at Kloster Seeon, Germany on 15-18 July 2004. This initiative of ACS and GDCh is designed to foster the interchange of young scientists and to offer outstanding young chemists a platform to establish contacts with scientists working on other subareas of their discipline as well as beyond their own area of training.

For more information see the GDCh website at: <http://www.gdch.de/gdch/koop/gafoc.htm>

CHEMRAWN XV : Chemistry for Water. IUPAC, the International Union of Pure and Applied Chemistry, held in Paris in June 2004 the latest of its CHEMRAWN conferences (Chemical Research Applied to World Needs - CHEMRAWN XV). The aim of the conference was to address some of the issues illustrated by statistics from the World Health Organization related to water supplies throughout the world; for example, 1.7 million people, especially children, die each year as a result of unsafe drinking water. One-sixth of the world's people lack any form of improved water supply within 1 kilometer of their homes. For more statistics and information see the WHO website at http://www.who.int/health_topics/drinking_water/en/

For more ACS coverage of the CHEMRAWN conference see, <http://pubs.acs.org/cen/coverstory/8229/8229chemrawn.html>

Full details on the CHEMRAWN program can be found at their web site at : <http://www.chemrawn xv.org>

The Americas and the Caribbean

FLAQ 2004 : The 26th Latin American Chemistry Congress (Congreso FLAQ 2004) was held May 30 - June 2, 2004 in Salvador, Brazil's third largest city located in the country's northeast. Established in 1924, the Federación Latinoamericana de Asociaciones Químicas (FLAQ) is a federation of national chemical societies in Latin America. The Brazilian Chemical Society (SBQ) hosted this year's congress and co-convened the 27th Annual Meeting of the SBQ. There were over 2,600 presentations (including 26 plenary lectures, 18 symposia, 3 workshops, and 13 short courses) at the meeting, and more than 3,000 chemical scientists from all over Latin America attended the event, including national chemical society presidents or their representatives from Bolivia, Brazil, Chile, Colombia, Cuba, Mexico, Panama, Peru, Puerto Rico, Mexico, and Uruguay.

For more information on FLAQ 2004 see the article at :

http://www.chemistry.org/portal/a/c/s/1/feature_acs.html?id=c373e9fda2be05e18f6a4fd8fe800100

In Cuba, a new meningitis vaccine In what is being hailed as a major breakthrough in biotechnology, Cuban researchers report that their synthetic vaccine against the 'Hib' meningitis bacterium is ready for clinical testing :

<http://www.sciencemag.org/cgi/content/full/305/5683/460?ijkey=7u8eg2cD.69gE&keytype=ref&siteid=sci>

The Middle East

Workshop on Science Journalism [Cairo Egypt 04.2004] From 26 to 28 April 2004, the

International Development Research Centre (IDRC), a public corporation funded by the Canadian government, funded hosted a three-day workshop for science journalists working in the Middle East North Africa (MENA) region. Science journalists in the Middle East face many challenges. The meeting focused on several issues of critical importance in an area where norms of science journalism may face interesting challenges.
http://www.scidev.net/ms/sci_comm/index.cfm?pageid=313

Reawakening civilian science in Iraq Science is at a near-standstill in Iraq, having been deteriorating since the 1991 Gulf War. Laboratory experience is lacking and reputable scientists find they are unable to work.

In this article in this week's Science, Richard Stone describes how the Arab Science and Technology Foundation (ASTF) and US-based Sandia National Laboratories plan to speed the reconstruction of Iraq's science capacity:

<http://www.sciencemag.org/cgi/content/full/304/5673/943b?ijkey=CnCo/NyTV.cL2&keytype=ref&siteid=sci>

Africa

- **The Southern and Eastern Africa Network of Analytical Chemists (SEANAC)**. This Botswana based network is dedicated to providing through network solutions to information and instrumentation needs by tying together the community of analytical chemists in the region. See their web site at: <http://www.seanac.org/>

- **The 9th International Chemistry Conference in Africa** takes place in Arusha, Tanzania on 2-7 August 2004 . To register for the Conference and to learn more about the program, go to their website at <http://www.9icca.org>.

CHEMICAL CALENDAR

- 6th International Conference on Chemistry in Industry (CHEMINDIX 2004) (Bahrain, 27-29.09.2004) <http://www.chem-ind.org/Pages/Chemindex.html>

- 10th Latin American Symposium on Chromatography (Campos do Jordão, Brazil 20 - 22 October 2004) <http://www.colacro.com>

-Protein Crystallography in Drug Discovery Conference (South San Francisco, California, USA, 17-18 January 2005) <http://www.ProtCrystConf.com>

-8th International Conference on Solar Energy and Applied Photochemistry (SOLAR 05) / 5th International Training Workshop on Environmental Photochemistry (ENPHO 05) / International Conference on Nanotechnology : Science and Application (NanoTechInsight 05) (Luxor Egypt 20-25 February 2005) More information is available at: <http://www.photoenergy.org> and <http://www.nanoinsight.net>

LINKS AND RESOURCES

Opportunities in chemical education: State Department Fulbright Teacher and Administrator

Exchange Program : U.S. administrators and teachers at K-12 schools, and two-year colleges who wish to participate in teacher exchange abroad during the 2005-2006 academic year are invited to apply. The Department's Bureau of Educational and Cultural Affairs administers these exchanges under the Fulbright Program, the flagship exchange program of the U.S. government that promotes mutual understanding between citizens of the United States and other countries. The deadline for applications is 15 October 2004. For more information go to <http://www.state.gov/r/pa/prs/ps/2004/32451.htm>

New Investigators Twinning Program 2005-2006 : Supporting scientific collaboration with Bulgaria, Estonia, Latvia, Lithuania, Poland and Slovakia : The Office for Central Europe and Eurasia of the National Research Council (NRC), operating arm of the National Academies, is accepting proposals for two-year collaborative research projects that link individual U.S. scientists with their counterparts in Central and Eastern Europe. The goal of the Twinning Program is to foster the development of new international research partnerships whose participants will subsequently apply to the National Science Foundation (NSF) for longer-term support. Eligibility will be limited to partnerships involving U.S. researchers who have received the PhD within the past 10 years. For more information see: http://www7.nationalacademies.org/dsc/Twinning_2005-6.html

If you are attending the ACS National Meeting in Philadelphia, come visit us at the International Activities Committee / IUPAC Reception for International Attendees at the Wyndham Franklin Plaza Hotel on Saturday, 21 August 2004, from 5.30 to 7.30 p.m. No ticket is required for this sponsored event.

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