

American Chemical Society

Topic 4:

International Cooperation in Education and Research Among C6 Countries

he American Chemical Society (ACS) is actively engaged in efforts to promote international cooperative education and research. These activities reflect the increasingly global nature of the chemical enterprise and the need of scientific societies in developed countries to respond to these trends.

Through our Office of Legislative and Government Affairs, ACS plays a leadership role in efforts to increase government funding for education and research programs supported by the U.S. federal government. Although not targeted at specific programs within federal agencies, advocacy efforts take into account the increasing impact of globalization on U.S. chemists and chemical engineers, as well as the trend towards interdisciplinary and multilateral research. The declining interest of U.S. students in study-abroad programs is a significant concern in this regard.

The Northeastern local section of the ACS organized with the GDCh an exchange program for undergraduate chemistry students from the United States to visit Germany for a week and *vice versa*. This has been a highly successful effort. ACS and GDCh are exploring how to establish a broader program. ACS would be delighted to explore opportunities to enhance and publicize student exchange opportunities for our Student Affiliates to study chemistry abroad.

ACS agrees that sharing information on scientific activities is vital to the success of the enterprise. Each chemical society has its own methods for developing and providing this information. ACS is interested in exploring how the societies might work together to provide news and other information about chemistry on a global basis.

Although ACS is not the national adhering organization, ACS participates in meetings and activities of the U.S. National Committee (USNC) of IUPAC. ACS members may become IUPAC affiliate members as part of their dues renewal process, and approximately 3,000 members take advantage of this opportunity every year. The USNC is seeking to strengthen its ties to ACS by seeking programming opportunities with relevant technical divisions at our national meetings.

ACS is not a member of any of the chemical society federations. However, the Society has a special relationship with the Federation of Latin American Chemical Societies, whos e annual meetings ACS supports through the programming of symposia and participation by U.S. scientists. ACS also has designated a liaison to attend and report on the meetings of the Federation of European Chemical Societies and looks forward to strengthening this relationship.

The International Chemical Congress of Pacific Basin Societies, PACIFICHEM, was established to disseminate recent research results in the chemical sciences among chemists of the Pacific Rim countries, thereby fostering industrial development, improving local and global environments and the material well-being of their peoples. The Congress is co-sponsored by the ACS, the Chemical Society of Japan, the Canadian Society for Chemistry, the Korean Chemical Society, the New Zealand Institute of Chemistry, and the Royal Australian Chemical Institute. Other Pacific Basin Societies have agreed to serve as Official Participating Organizations. The potential for a comparable meeting of Atlantic Basin Societies has not yet been studied.