

the Atmosphere: Its Impact on Global Change,” held in Baltimore in December 1991, is “to be awarded to a young scientist (under age 45) from a developing country, contributing in the field of green chemistry, emphasizing atmospheric chemistry.” The first prize was given in 2010 to Dr. N. Yassaa from Algeria for his research in atmospheric chemistry (see Sep-Oct 2010 CI, p. 19), so a shift to green chemistry on this occasion is really in the spirit of the prize. The award comprises a plaque and USD 5000 in cash.

The CHEMRAWN VII Prize is biennial and the next award will be announced in 2013 with a nomination deadline of early 2014. The winner of the 2014 CHEMRAWN VII Prize will be accommodated with a lecture at the 5th ICGC that will be in South Africa in 2014.

### Ian Mills Awarded IUPAP SUNAMCO Prize

**L**ong-time IUPAC member Ian Mills was awarded the International Union of Pure and Applied Physics SUNAMCO Senior Scientist Medal at the Conference on Precision Electromagnetic Measurements on Washington, held 1-6 July 2012 in Washington, D.C.

The IUPAP Commission on Symbols, Units, Nomenclature, Atomic Masses and Fundamental Constants recognized Mills with the award for “his outstanding contribution to the development of the International System of Units (SI) towards the adoption of a system based on fundamental physical constants.”

Mills was IUPAC ICTNS chair for 1998-1999 (known at the time as IDCNS) and is IUPAC representative on the International Bureau of Weights and Measures Consultative Committee for Units (BIPM CCU).

In his role as president of the CCU for the past 16 years, Mills has played a leadership role in the maintenance and development of the SI. This role includes being the senior author of the two latest editions of the *The International System of Units*. Mills has been active in developing a significant improvement in the SI that will eliminate the dependence on a material artifact for the kilogram and will also improve electrical, temperature, and amount of substance SI units. In the revised form, the SI will be based on the fact that certain fundamental constants of nature will have specified values when expressed in terms of the newly defined SI units.

### Mark Cesa and James Economy Named ACS Fellows

**T**he American Chemical Society (ACS) has named Mark Cesa, IUPAC vice president, and James Economy, president of the IUPAC Macromolecular Division from 1994-1997, to the 2012 class of ACS Fellows, a prestigious honor bestowed upon 96 distinguished scientists who have demonstrated outstanding accomplishments in chemistry and made important contributions to the ACS. The ACS Fellows Program was created by the ACS Board of Directors in December 2008 “to recognize members of ACS for outstanding achievements in and contributions to science, the profession, and the society.”



photo by Peter Cutts

*James Economy with Nancy Jackson, immediate past president of ACS.*

“These chemists hold the future to our country, to our way of life, and to the legacy we will leave for the next generation,” said ACS President Bassam Z. Shakhshiri. “Whether it’s producing renewable fuels, finding cures for afflictions such as diabetes, cancer, AIDS, and Alzheimer’s disease, or ensuring safe drinking water, these fellows are scientific leaders, improving our lives through the transforming power of chemistry.”

The 2012 fellows were recognized at an induction ceremony on 20 August 2012 during the society’s 244th National Meeting and Exposition in Philadelphia.