

2006 IUPAC Prizes for Young Chemists

On 4 May 2006, IUPAC announced the winners of the 2006 IUPAC Prizes for Young Chemists, which are awarded for the best Ph.D. theses in the chemical sciences as described in 1000-word essays.

The winners are:

- **Michelle Nena Chrétien**, University of Ottawa, Ontario, Canada
- **Valentina Domenici**, University of Pisa, Italy
- **Matt Law**, University of California, Berkeley, USA
- **Emilio M. Pérez**, University of Edinburgh, Scotland, United Kingdom
- **Dunwei Wang**, Stanford University, California, USA

The winners will each receive a cash prize of USD 1000 and a free trip to the IUPAC Congress, 5-11 August 2007, in Torino, Italy. Each prizewinner will also be invited to present a poster at the IUPAC Congress describing his/her award winning work and to submit a short critical review on aspects of his/her research, which will be published in *Pure and Applied Chemistry*.

The essays describing the 2006 winners' theses can be found on the IUPAC website:

- Dr. Chrétien, "Photochemical, Photophysical, and Photobiological Studies of Zeolite Guest-Host Complexes"
- Dr. Domenici, "Structure, Orientational Order, and Dynamics of Rod-Like and Banana-Shaped Liquid Crystals by Means of ^2H NMR: New Developments"
- Dr. Law, "Oxide Nanowires for Sensing, Photonics, and Photovoltaics"
- Dr. Pérez, "Hydrogen-Bonded Synthetic Molecular Machines"
- Dr. Wang, "Synthesis and Properties of Germanium Nanowires"

There were 49 applicants from 19 countries. The Prize Selection Committee was comprised of members of the IUPAC Bureau with a wide range of expertise in chemistry. The committee was chaired by Prof. Leiv K. Sydnes, IUPAC past president.

In view of the quality of many applications, the committee decided also to give two Honorable Mention awards to:

- **Elena S. Chernetsova**, Lomonosov Moscow State University, Russia

- **Fiorenzo Vetrone**, Concordia University, Montreal, Quebec, Canada

The Honorable Mention Award winners will receive a cash prize of USD 100 and a copy of the *Compendium of Chemical Terminology*, the IUPAC "Gold Book." The awards to the winners of the 2006 prize and those of 2007 will be made during the Opening Ceremony of the 2007 IUPAC Congress in Torino.



www.iupac.org/news/prize/2006_winners.html

Applications for the 2007 Prize are now being solicited, as described on the IUPAC website <www.iupac.org/news/prize.html>.

COCI Corner



The chemical industry has been integral to IUPAC since the earliest days of the Union. Leaders of industrial chemical

societies helped create IUPAC in 1919, and committees representing industry and applied chemistry have been an important part of the Union ever since. Now, more than ever, advances in industrial chemistry are critical to progress in the chemical sciences.

The IUPAC **Committee on Chemistry and Industry** (COCI) is the focus within IUPAC for issues of importance to the global chemical industry. COCI is developing new programs and projects on emerging topics. It is also the conduit for communications between IUPAC and National Adhering Organizations (NAOs), Company Associates (CAs), and individual scientists. This issue of *Chemistry International* introduces a new feature called the "**COCI Corner**," where COCI will present the committee's work on topics of urgency to IUPAC and the chemical industry. In this installment, Mark Cesa (USA), chairman, introduces COCI programs.

COCI "kicked off" the new biennium with a project planning and strategy meeting at the IUPAC Secretariat in April. Continuing the organizational structure developed by past chair David Evans (UK), five programs have been established within which members will generate and carry out new projects, communicate with IUPAC leadership and the chemical industry, and foster liaisons with trade associations,