



International Union of Pure and Applied Chemistry

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IUPAC Announces Winners of the 2009 IUPAC Prizes for Young Chemists

The International Union of Pure and Applied Chemistry (IUPAC) today announced the winners of the 2009 IUPAC Prizes for Young Chemists awarded for the best Ph.D. theses in the chemical sciences as described in 1000-word essays. The five **winners** are:

- **Faisal A. Aldaye**, McGill University, Montréal, Canada
- **Christopher Bettinger**, Massachusetts Institute of Technology, Cambridge, MA, USA
- **Xinliang Feng**, Max Planck Institute for Polymer Research, Mainz, Germany
- **Xing Yi Ling**, University of Twente, Enschede, The Netherlands
- **Shengqian Ma**, Miami University, Oxford, OH, USA

The winners will each receive a cash prize of USD 1000 and travel expenses to the IUPAC Congress, 2-7 August 2009, in Glasgow, Scotland. 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 their research topics to be published in *Pure and Applied Chemistry*. The awards will be presented to the winners of the 2008 and 2009 prizes during the Opening Ceremony of the Congress.

The essays describing the 2009 winners' theses can be found on the IUPAC web site and cover a wide range of subject matter:

- **Dr. Aldaye:** *Supramolecular DNA nanotechnology: Discrete nanoparticle organization, three dimensional DNA construction, and molecule-mediated DNA self-assembly*
- **Dr. Bettinger:** *Synthesis and Microfabrication of Elastomeric Biomaterials for Advanced Tissue Engineering Scaffolds*
- **Dr. Feng:** *C₃-symmetric Discotic Liquid Crystalline Materials for Molecular Electronics: Versatile Synthesis and Self-organization*
- **Dr. Ling:** *From Supramolecular Chemistry to Nanotechnology: Assembly of 3D Nanostructures*
- **Dr. Ma:** *Gas Adsorption Applications of Porous Metal-Organic Frameworks*

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There were 36 applications from 19 different 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. Bryan R. Henry, IUPAC Past President.

In view of the many high-quality applications, the Committee decided to give five **Honorable Mention awards** to:

- **Ludovico Cademartiri**, University of Toronto, Toronto, Canada
- **Alexandre Côté**, Université de Montréal, Montréal, Canada
- **Jason Philip Holland**, University of Oxford, Oxford, UK
- **David J. Payne**, University of Oxford, Oxford, UK
- **Yu Zhang**, Zhejiang University, Zhejiang, China

The recipients of Honorable Mention Awards will receive a cash prize of USD 100 and a copy of *Quantities, Units and Symbols in Physical Chemistry*, the IUPAC Green Book.

Applications for the 2010 Prizes are now being solicited, as described on the IUPAC web site <www.iupac.org>.

IUPAC was formed in 1919 by chemists from industry and academia. For almost nine decades, the Union has succeeded in fostering worldwide communications in the chemical sciences and in uniting academic, industrial and public sector chemistry in a common language. IUPAC is recognized as the world authority on chemical nomenclature, terminology, standardized methods for measurement, atomic weights and many other critically evaluated data. In more recent years, IUPAC has been pro-active in establishing a wide range of conferences and projects designed to promote and stimulate modern developments in chemistry, and also to assist in aspects of chemical education and the public understanding of chemistry.

More information about IUPAC and its activities is available at <www.iupac.org>.