

Thieme–IUPAC Prize 2016 Call for Nominations

Thieme Chemistry, IUPAC, and the Editors of *SYNTHESIS*, *SYNLETT*, *SYNFACTS*, and *Science of Synthesis* announce the Thieme–IUPAC Prize for 2016. This award is presented every two years on the occasion of the International Union of Pure and Applied Chemistry – International Conference on Organic Synthesis (IUPAC–ICOS). The 2016 ICOS will be held at IIT Bombay in Mumbai, India, 11–16 December 2016. The prize is awarded to a scientist under 40 years of age whose research has had a major impact in synthetic organic chemistry.

The prize is given on the basis of scientific merit for independent research dealing with synthesis in the broadest context of organic chemistry, including organometallic chemistry, medicinal and biological chemistry, designed molecules, and materials. Candidates must be under 40 years of age as of 1 January of the year in which the prize is awarded.

The Thieme–IUPAC Prize has been awarded to Stuart L. Schreiber in 1992, Paul Knochel in 1994, Eric N. Jacobsen in 1996, Andrew G. Myers in 1998, Alois Fürstner in 2000, Erick M. Carreira in 2002, John F. Hartwig in 2004, David W. C. MacMillan in 2006, F. Dean Toste in 2008, Phil S. Baran in 2010, Melanie S. Sanford in 2012, and Martin D. Burke in 2014.

Nominations must be accompanied by a biographical sketch of the nominee, a list of the candidate's ten most significant publications, and a statement of how the candidate's research has had a major impact on the field of synthetic organic chemistry. The material will be confidentially forwarded to an independent selection committee. Nomination materials should be submitted by e-mail to marcus.white@thieme.de.

Deadline: **December 11, 2015**

www.thieme.de/en/thieme-chemistry/thieme-iupac-prize-55182.htm

2016 IUPAC–SOLVAY International Award for Young Chemists announced

The 2016 IUPAC–SOLVAY International Award for Young Chemists is intended to encourage outstanding young research scientists at the beginning of their careers. The awards are given for the most outstanding Ph.D. theses in the general area of the chemical sciences, as described in a 1000-word essay. The award is generously sponsored by Solvay.

IUPAC will award up to five prizes in 2016. Each prize will consist of USD 1000 cash and travel expenses to the next IUPAC Congress. In keeping with IUPAC's status as a global organization, efforts will be made to assure fair geographic distribution of prizes.

The awards will be presented at the IUPAC Congress in Brazil in July 2017. Each awardee will be invited to present a poster on his/her research and to participate in a plenary award session, and is expected to submit a review article for possible publication in *Pure and Applied Chemistry*.

Applications may be submitted, as described below, to the IUPAC Secretariat. In addition, some IUPAC National Adhering Organizations are soliciting applications in their own countries, frequently in conjunction with a national award. In such cases, applications may be submitted to the NAO or to the Secretariat (not both). The list of NAOs is available.

Procedures for the 2016 Award

- Entrants must have received the Ph.D. (or equivalent) degree, or completed all Ph.D. requirements including successful defense of the doctoral thesis, during calendar 2015 in any of the countries that are members or associate members of IUPAC. Entrants need not be citizens or residents of one of these countries at the time the application is submitted.
- The research described in the entrant's thesis must be in the field of the chemical sciences, defined as "chemistry and those disciplines and technologies that make significant use of chemistry."
- The IUPAC–SOLVAY Award recognizes only work that was performed while the entrant was a graduate student.
- Application requires submission of a completed entry form, together with the material listed below.
- An essay must be submitted by the entrant that describes his or her thesis work and places it in perspective relative to current research in the chemical sciences. The essay must be written in English by the entrant and may not exceed 1000 words. [For applications submitted through NAOs, a national language may be permissible, and the NAO will assist in translation to English. The announcement by the appropriate NAO should be consulted.]
- Two supporting letters are required, one from the thesis adviser and/or chair of the thesis committee and one from an additional faculty member who is familiar with the applicant's thesis work.

These letters should comment on the qualifications and accomplishments of the applicant and the significance of the thesis work.

- Complete applications must be received at the IUPAC Secretariat by **1 February 2016**.

For information, contact IUPAC Secretariat: secretariat@iupac.org

www.iupac.org/news/news-detail/article/2016-iupac-solvay-international-award-for-young-chemists-announced.html

2016 IUPAC-ThalesNano Prize in Flow Chemistry—Call for Nominations

The IUPAC-ThalesNano Prize was established in 2011. It will be awarded again in 2016 and will be presented at the 14th International Conference on MicroReaction Technology (IMRET) in September 2016 Beijing, China. A contribution to travel expenses will be provided.

The prize is to be awarded to an internationally recognized scientist, whose activities or published accounts have made an outstanding contribution in the field of flow chemistry in academia or industry.

The Prize—of a monetary value of USD 7500—has been established by a generous gift from the Hungarian Technology company ThalesNano Inc. to acknowledge the key role that flow chemistry plays towards the improvement of chemical processes.

Applicants should be received by nominations only, with just one person needing to serve in that capacity, although a total of five individuals should be listed as referees overall. The package must be submitted electronically and should contain a complete resume, a professional autobiography of not more than two pages, and a one-page summary of what the individual considers to be his/her activities, accomplishments and/or publications that have had the most significant impact upon the field of Flow Chemistry. The material will be forwarded confidentially to an independent selection committee appointed by the IUPAC Committee on Chemistry and Industry.

Nomination materials should be submitted by **31 January 2016** to the chair of the IUPAC Committee on Chemistry and Industry, Dr. Bernard West, by email at: bernard.west@sympatico.ca

www.iupac.org/news/news-detail/article/2016-iupac-thalesnano-prize-in-flow-chemistry.html

CHEMRAWN VII Prize for Green Chemistry—Call for Nominations

IUPAC is now seeking nominations for the 2016 CHEMRAWN VII Prize for Green Chemistry. The CHEMRAWN VII Prize was first announced in August 2008* and since, has been awarded every two years at the IUPAC International Conference on Green Chemistry. The Prize of USD 5000 is granted to a young investigator (less than 45 years of age) from an emerging region who is actively contributing to research in Green Chemistry. The Prize was been awarded to Nouredine Yassaa (Algeria) in 2010, Rashimi Sanghi (India) in 2012 and Vânia G. Zuin (Brazil) in 2014.

Nominations for the 2016 Prize must be submitted by **25 March 2016**. Each nomination should include a CV and two letters of support, plus a brief summary of accomplishments illustrating the contributions of the applicant to research in Green Chemistry. Examples of research topics that are covered by the prize include:

- Atmospheric Chemistry
- Use of Alternative Feedstocks
- Use of Innocuous Reagents
- Employing Natural Processes
- Use of Alternative Solvents
- Design of Safer Chemicals
- Developing Alternative Reaction Conditions
- Minimizing Energy Consumption

Complete applications should be sent to the IUPAC Secretariat by e-mail to secretariat@iupac.org before the submission deadline.

The Selection Committee comprises the Chair of IUPAC Committee on Chemical Research Applied to World Needs, CHEMRAWN, the President of the Organic and Biomolecular Chemistry Division, and the Chair of the Subcommittee on Green Chemistry.

The next award will be presented at the 6th IUPAC International Conference on Green Chemistry, 4-8 September 2016, Venice, Italy www.greeniupac2016.eu

The winner will be asked to give a lecture on that Conference.

www.iupac.org/news/news-detail/article/chemrawn-vii-prize-for-green-chemistry-2016-call-for-nominations.html