

Chris Brett awarded the medal of CCS

Prof. Christopher Brett, the president elect of IUPAC was awarded the Medal of the Czech Chemical Society on 21 April 2018. The Medal, the highest award of the CCS, is awarded to the individuals who contributed significantly to the chemical and connected sciences and who contributed to the life of the Czech chemical community and the CCS.



Prof. Brett is not only well known electrochemist but he is a long time collaborator with the Czech chemical community mainly in the way of taking part in the scientific meetings, in supporting the mobility of the Czech chemists and in supporting them in many ways. The Medal was presented to him at the European Chemistry Thematic Network (ECTN) General Assembly meeting, where he gave the invited plenary lecture that discussed the necessity of global collaboration of all chemists and scientists. He also stressed the role of IUPAC in many chemical disciplines through supporting global exchange of chemists as well as knowledge and information. He also underlined the role of IUPAC in the educational processes.



Professor Christopher Brett receiving the Medal of the Czech Chemical Society; photo by Pavel Matejka

IUPAC Announces the Winners of the 2018 IUPAC-Solvay International Award for Young Chemists

IUPAC and Solvay announce the winners of the 2018 IUPAC-Solvay International Award for Young Chemists, presented for the best Ph.D. theses in the chemical sciences, as described in 1000-word essays.

The five winners are:

- Eduardo Bolea-Fernandez, Ph.D., Ghent University, Belgium
- Dane W. deQuilettes, Ph.D., University of Washington, USA
- Palas Roy, Ph.D., Tata Institute of Fundamental Research, Mumbai, India
- Monika Stolar, Ph.D., University of Calgary, Canada
- Chi Zhang, Ph.D., Massachusetts Institute of Technology, USA

The winners will each receive a cash prize of USD 1000 and travel expenses to the 47th IUPAC World Chemistry Congress, 5-12 July 2019, in Paris, France. Each winner will also be invited to present a poster at the IUPAC Congress describing their award-winning work and to submit a short critical review on aspects of their research topic, to be published in *Pure and Applied Chemistry*. The awards will be presented to 2018 and 2019 winners during the Opening Ceremony of the Congress.

The titles of the winners' theses are:

- Dr. Bolea-Fernandez: "Method development for ultra-trace elemental and isotopic analysis using tandem ICP-mass spectrometry (ICP-MS/MS)"
- Dr. deQuilettes: "Probing Local Heterogeneity in the Optoelectronic Properties of Organic-Inorganic Perovskites Using Fluorescence Microscopy"
- Dr. Roy: "Probing the Fate of Excitons in Organic Semiconductors"
- Dr. Stolar: "Development of Phosphoryl-Bridged Viologens Toward Functional Materials"
- Dr. Zhang: "Cysteine Arylation"

There were 45 applications from Ph.D. candidates representing institutions in 15 countries. The award selection committee, chaired by Professor Natalia Tarasova, IUPAC Past President, comprised members of the IUPAC Bureau and a senior science advisor from Solvay, all of whom have a wide range of experience in chemistry.

In view of the many high-quality applications, the Committee also decided to award three Honorable Mentions to:

- Steven M Banik, Ph.D., Harvard University, USA
- Yun Liu, Ph.D., Indiana University Bloomington, USA
- Jessica Pandohee, Ph.D., Royal Melbourne Institute of Technology, Australia

The call for applications for the 2019 IUPAC-Solvay International Award for Young Chemists is now opened. Eligible candidates must have received a Ph.D. or equivalent degree in any of the countries that have National Adhering Organizations or Associate National Adhering Organizations in IUPAC during the year 2018.

IUPAC 2019 Distinguished Women in Chemistry or Chemical Engineering—Call for Nominations

IUPAC is pleased to announce the call for nominations for the IUPAC 2019 Distinguished Women in Chemistry or Chemical Engineering Awards. The purpose of the awards program, initiated as part of the 2011 International Year of Chemistry celebrations, is to acknowledge and promote the work of women in chemistry or chemical engineering worldwide. 23 women were honored during a ceremony held at the IUPAC Congress in San Juan, Puerto Rico, on 2 August 2011. At each of the subsequent IUPAC Congresses, 12 women received this recognition; in Istanbul, Turkey in 2013, in Busan, Korea in 2015, and in Sao Paulo, Brazil. A similar award ceremony will take place during the 2019 IUPAC Congress in July 2019 in Paris, France.

Awardees will be selected based on excellence in basic or applied research, distinguished accomplishments in teaching or education, or demonstrated leadership or managerial excellence in the chemical sciences. The Awards Committee is particularly interested in nominees with a history of leadership and/or community service during their careers.

Nomination

Each nomination requires a primary nominator and two secondary nominators who must each write a letter of recommendation in support of the nomination. A CV of the nominee is required. Self-nominations will not be accepted. Nominations should be received by **1 November 2018**.

<https://iupac.org/2019-women-in-chemist>



Above, at the occasion of the 19th Chinese Zeolite Conference, on 26 Oct 2017, IUPAC President Qifenq Zhou presented her IUPAC 2017 Distinguished Women in Chemistry to Jihong Yu. Professor Jihong Yu from Jilin University, China received this award for her creative work on zeolitic nanoporous materials by introducing rational design and predictive chemistry in a discipline where trial-and-error methods are always commonly used as a tool.



Left, on 14 Nov 2017, the award was presented to Dr Jaqueline Kiplinger from Los Alamos National Laboratory, USA, for pioneering work in uranium and thorium chemistry and significantly expanding the broad understanding of actinide and lanthanide chemical bonding and reactivity. In Los Alamos, the award was presented by Charlie McMillan, Los Alamos National Laboratory Director (far right) and IUPAC Fellow David Moore, 2002 President of the IUPAC Analytical Chemistry Division.