

The IUPAC Young Observer Program

The Program...

Established by the U.S. National Committee (USNC) for the International Union of Pure and Applied Chemistry (IUPAC) in 1977, the Young Observer program fosters interactions with internationally acclaimed scientists in various fields. The program strives to introduce the work of IUPAC to a new generation of distinguished researchers and to provide them with an opportunity to address international scientific policy issues.

Through the Young Observer Program, young scientists and engineers can build international collaborations, gain knowledge of global research activities and participate in IUPAC activities. The goal of this program is to introduce the best young researchers from the United States to the union, encourage them to become involved in the union's activities, and prepare them to assume leadership roles in IUPAC. Young Observers are given the opportunity to attend meetings of IUPAC Divisions and Standing Committees in their particular areas of interest during the General Assembly and to familiarize themselves with IUPAC activities and projects.

The next IUPAC General Assembly and Congress will be held July 9-14, 2017, in São Paulo, Brazil



Young Observers at 2015 Congress in Busan, Korea.

Who are the Young Observers?

The program is open to U.S. scientists and engineers (U.S. citizens and permanent residents) under the age of 45. Applicants are drawn from industry, academia, and national laboratories.

Young Observers are expected to have a specific interest in one or more of the business meetings and technical sessions to be held at the General Assembly and World Congress. They should also have a strong interest in international collaboration and in continuing to be active in IUPAC.

To date, the program has supported over 225 Young Observers, many of whom have continued to serve on IUPAC committees. Past observers include:

Ahmed H. Zewail* (1981), California
Institute of Technology (deceased 8/2/16)
1999 Nobel Laureate for Chemistry

Marye Anne Fox* (1981), Chancellor, University of
California, San Diego
2009 National Medal of Science

Geraldine Richmond* (1987 & 1989), University of
Oregon, former USNC member
2013 National Medal of Science

Mark Cesa (1997), INEOS (retired)
IUPAC Past President; former USNC chair

Angela Wilson (2003 & 2005), Michigan State Univ.
Director, NSF Division of Chemistry
President, IUPAC Physical and Biophysical
Chemistry Division; former USNC chair

* Denotes elected member National Academy of
Sciences

Young Observers (YOs) selected in early 2017 will...

- Receive a travel grant of up to \$2,500, pending funding availability
- Benefit from the personal mentorship of a past YO or a USNC member on IUPAC's mission and activities
- Attend an orientation session and welcoming reception with YOs from other countries
- Participate in business meetings of various IUPAC Divisions and Standing Committees
- Contribute to the technical sessions of the IUPAC World Congress in São Paulo
- Network with IUPAC leaders, USNC members, and an international community of colleagues
- Share their experiences with the U.S. scientific community during briefing sessions held at national ACS meetings

More information on the 2017 IUPAC congress at <http://www.iupac2017.org/>

**U.S. National Committee for the International Union
of Pure and Applied Chemistry
(USNC/IUPAC)**

- **Laura McConnell**, *Chair*
Bayer CropScience
- **Luis Echegoyen**, *Vice Chair*
University of Texas, El Paso
- **John Brauman**, Stanford University
- **Julia Y. Chan**, The Univ. of Texas at Dallas
- **Mukund S. Chorghade**, THINQ Pharma
- **LaShanda T.J. Korley**, Case Western Reserve University
- **C. Bradley Moore**, University of California, Berkeley
- **Daniel Rabinovich**, The University of North Carolina at Charlotte
- **Michelle Rogers**, The Lubrizol Corporation
- **Jon Schwantes**, Pacific Northwest National Laboratory
- **Ellen Stechel**, Arizona State University
- **Hessy L. Taft**, St. John's University

**Ex Officio Members
IUPAC Officers**

- **Mark Cesa**, INEOS USA (retired)
- **Christopher K. Ober**, Cornell University
- **Angela K. Wilson**, Michigan State Univ.
- **Christine Luscombe**, Univ. of Washington
- **Michael Walter**, The University of North Carolina at Charlotte
- **Thomas J. Perun**, Abbott Laboratories (ret.)
- **Carolyn Ribes**, Dow Benelux B.V.
- **Bonnie Lawlor**, National Federation of Abstracting and Information Services (retired)
- **James Liu**, American Chemical Society

Professional Associations

- **Donna J. Nelson**, University of Oklahoma
President, American Chemical Society
- **Denise Creech**, ACS Representative for the
Executive Director
- **Gregory Stephanopoulos**, MIT
President, American Institute of Chemical Engineers (AIChE)
- **June C. Wispelwey**, Executive Director, AIChE



São Paulo, Brazil

Contact us for more info!

USNC/IUPAC
Board on International Scientific
Organizations
The National Academies
500 Fifth Street, NW
Washington, DC 20001 USA
Tel: (202) 334-2807

Lois Peterson Kent
Senior Program Officer
IUPACYO@nas.edu

More information available online at:
<http://www.nationalacademies.org/usnc-iupac/yo>

Applications will be available on the website
in Fall 2016.



2015 YOs working in a breakout session

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

**U.S. National Committee for the
International Union of
Pure and Applied Chemistry
(IUPAC)**



**IUPAC Young Observer Program
2017**

**IUPAC General Assembly
and World Congress
São Paulo, Brazil
July 9-14, 2017**

