

large-scale re-evaluation and revision of pK_a values of carboxylic acids in three non-aqueous solvents—acetonitrile, (methanesulfinyl)methane (dmsol – dimethyl sulfoxide), *N,N*-dimethylmethanamide (dmf – *N,N*-dimethylformamide).

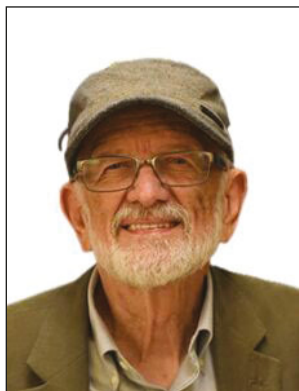
The Christo Balarew Award was established in 2023 by Christo Balarew, Bulgarian professor of Inorganic Chemistry at the Institute of General and Inorganic Chemistry of the Bulgarian Academy of Sciences in Sofia, Bulgaria and enthusiastic supporter of the Solubility Data Project and deeply involved in IUPAC activities. This award is administered by the Subcommittee on Solubility and Equilibrium Data of IUPAC, and will be given on an annual basis to recognize a promising young scientist working in solubility and/or chemical equilibria.

<https://iupac.org/paolo-franzosini-prize-and-christo-balarew-award-2024/>

Graham Cooks and Anna Regoutz win the 2025 Awards in Analytical Chemistry

Each biennium the Analytical Chemistry Division presents two awards for outstanding contributions to the field of analytical chemistry. The IUPAC Analytical Chemistry Medal recognizes lifetime achievement in any field of analytical chemistry evidenced by sustained and outstanding research contributions, by active involvement in international partnerships and by commitment to the training of the next generation of analytical chemists. The IUPAC Emerging Innovator Award in Analytical Chemistry recognizes outstanding research achievements by an early career stage scientist in the field of analytical chemistry. Both awards will be presented during the IUPAC General Assembly in July 2025.

Graham Cooks, Henry B. Hass Distinguished Professor of Chemistry, Purdue University, USA has been named the IUPAC



Graham Cooks

Analytical Chemistry Medalist for 2025. The award is given recognition of his lifetime research achievements in the field of mass spectrometry including fundamental phenomena, instrumentation and analytical applications, and his mentoring of 156 PhD graduate students in addition to approximately 200 Postdoctoral Fellows and long-term scientific visitors.

Anna Regoutz, Associate Professor of Experimental Inorganic Chemistry, University of Oxford, UK is the recipient of the IUPAC Emerging Innovator Award in Analytical Chemistry for 2025.

The award is given for her leadership of an interdisciplinary team of researchers exploring the structure-electronic

structure relationship in inorganic solids with a goal of integrating such materials into opto-electronic devices.

Former awardees include: 2023, Janusz Pawliszyn and Xin Yan 2021, and Joseph Wang and Tsuyoshi Minami.

<https://iupac.org/the-2025-awards-in-analytical-chemistry/>



Anna Regoutz

Peter Mahaffy to Receive 2025 Pimentel Award for Outstanding Contributions to Chemistry Education

The King's University is pleased to announce that chemistry professor Peter Mahaffy is the 2025 recipient of the George C. Pimentel Award in Chemical Education. The award, granted by the American Chemical Society (ACS), recognizes two key areas of Mahaffy's teaching and research: understanding and relating to chemistry as a human activity and reimagining the teaching and learning of chemistry by using "systems thinking" tools.

"Chemistry is often taught as a set of isolated, disconnected facts," says Mahaffy. "But facts alone don't tell students why chemistry matters. Systems thinking looks at the world as an interconnected system—it allows students to see how chemical reactions and