

2014 IUPAC-ThalesNano Prize in Flow Chemistry—Call for Nominations

The Call for Nominations for the IUPAC-ThalesNano Prize is now open and will be closing on 31 January 2014. The prize was established in 2011 and first awarded to Klaus Jensen in 2012. The second award of USD 7500 will be presented at the 13th International Conference on MicroREaction Technology (23–25 June 2014, Budapest, Hungary), where the recipient will give a plenary lecture on the subject of his/her research. A contribution to travel expenses will be provided.

The IUPAC-ThalesNano Prize is 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 was established by a generous gift from the Hungarian Technology company ThalesNano Inc. to acknowledge the key role that flow chemistry plays in the improvement of chemical processes.

Applicants can be received by nomination only, with just one person needing to serve in that capacity, although a total of five (5) individuals should be listed as referees overall. The package must be submitted electronically and should contain a complete résumé, a professional autobiography of not more than two pages, and a one-page summary of what the indi-

vidual 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. The deadline for submissions is 31 January 2014.

For further information, please contact Dr. Michael Droescher, chair of the IUPAC Committee on Chemistry and Industry at m.droescher@t-online.de.

IUPAC-Richter Prize—Call for Nominations

IUPAC and Gedeon Richter, Plc. are now seeking nominations for the 2014 IUPAC-Richter Prize in Medicinal Chemistry. The prize was established by a generous gift from the Chemical Works of Gedeon Richter, Plc. (Budapest, Hungary) to acknowledge the key role that medicinal chemistry plays in improving human health. The prize of USD 10000 is awarded to an internationally recognized scientist, preferably a medicinal chemist, whose activities or published accounts have made an outstanding contribution to the practice of medicinal chemistry or to an outstanding example of new drug discovery. Previous IUPAC-Richter Prizes were awarded to Malcolm F.G. Stevens in 2006, Jan Heeres in 2008, Arun K. Ghosh in 2010, and Stephen Hanessian in 2012.

The 2014 IUPAC-Richter Prize will be presented in September 2014 during the EFMC International Symposium on Medicinal Chemistry in Lisbon, Portugal, where the recipient will give a plenary lecture on the subject of his/her research. The travel expenses of the prize winner will be arranged by Richter Plc. The winner will also be invited to give a lecture at the awards symposium of the 2014 ACS National Medicinal Chemistry Symposium in Charleston, South Carolina, 18–21 May 2014.

Applicants should be received by nomination only, with just one person needing to serve in that capacity, although a total of five (5) individuals should be listed as referees overall. The package must be submitted electronically and should contain a complete résumé, 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 medicinal chemistry. The material will be forwarded confidentially to an independent selection committee appointed by the IUPAC Subcommittee on Drug Discovery and Development.

Nomination materials should be submitted by 31 December 2013 to the IUPAC Secretariat by email at secretariat@iupac.org.

For further information, please contact Professor C. Robin Ganellin at c.r.ganellin@ucl.ac.uk.



For Better Impact in Africa

Berhanu Abegaz, executive director of the African Academy of Science shared the release of the *AAS Strategic Plan: A Roadmap to Positioning AAS for Better Impact in Africa*.

The strategic plan for 2013–2018 provides a roadmap for enhancing the role of the Academy as a key partner and leader in Africa's sustainable development and outlines the interventions, programs, activities and projected outcomes of AAS in priority areas. It will also guide the relationship between AAS and its key stakeholders, who include the Academy's Fellows, partnering organizations and policy makers. The plan prioritizes five key areas:

1. Ensuring the Vitality and Sustainability of AAS by improving governance, establishing and enhancing partnerships, widening the fellowship base, building on the asset base of AAS, and developing an effective communication system.
2. Recognizing Excellence through the designation of the most exemplary scientists in Africa as fellows of the Academy and by nurturing emerging African scientific talent, through the newly established Affiliate Membership Program and mentorship programs. AAS will also continue and strengthen its awards and prizes to recognize outstanding contribution by scientists working in Africa.
3. Building Capacity in Science and Technology through capacity-building initiatives that seek to enhance region-specific competences in key topical areas including water and sanitation; sustainable energy; food security and nutritional well being; health care; science, technology, engineering, and mathematics; and climate change.
4. Developing Databases of Scientists and Scientific Organizations that will consist of experts, as well as emerging researchers from Africa to make AAS a repository for expertise in areas of research and knowledge production.
5. Engaging Governments and Policy Makers in Africa to Promote Science Technology and Innovation by holding open, top-level, continent-wide forums, workshops, conferences, and roundtable discussions on science and technology. These meetings will bring together grass-roots activists, scientists, and policy

makers to discuss issues of common concern in settings designed to promote knowledge exchange and outcomes of collaboration.

The *AAS Strategic Plan 2013–2018* is available at <http://aasciences.org>.

New President and CEO at Chemical Heritage Foundation

Carsten Reinhardt, a professor of the history of science at Bielefeld University, became president and CEO of the Chemical Heritage Foundation (CHF) on 1 August 2013. He is the third president of CHF, succeeding Thomas R. Tritton, who retired.

Reinhardt was selected following a worldwide search for a leader with a great depth of experience in the history of science and technology. He has extensively researched and published on the impact of chemistry on society through topics such as the history of industrial research, the emergence of instrumentation, and chemistry's links to physics, biology, medicine, and technology.



CHEMICAL
HERITAGE
FOUNDATION

Carsten Reinhardt joined the faculty of Bielefeld University in 2007. In 2006–2007 he held a fellowship at the Max Planck Institute for the History of Science. Prior to that, he spent a decade as a professor at the University of Regensburg. The author of three books, most recently *Shifting and Rearranging: Physical Methods and the Transformation of Modern Chemistry* (Science History Publications/USA, 2006), Reinhardt has contributed to five edited volumes and published nearly 40 scholarly articles. In addition, he has received many awards and fellowships, including being named a fellow at the Max Planck Institute for the History of Science and professeur invité in the

Department of Philosophy, École Normale Supérieure. Reinhardt was an Edelstein Fellow at CHF in 1998–1999. He was also an Edelstein Fellow at The Hebrew University of Jerusalem in 1994.

The Chemical Heritage Foundation is a collections-based nonprofit organization in Philadelphia, Pennsylvania, USA, that preserves the history and heritage of chemistry, chemical engineering, and related sciences and technologies. The collections are used to create a body of original scholarship that illuminates chemistry's role in shaping society. In bridging science with the humanities, arts, and social sciences, CHF is committed to building a vibrant, international community of scholars; creating a rich source of traditional and emerging media; expanding the reach of our museum; and engaging the broader society through inventive public events.

 www.chemheritage.org

Franzosini Award to Julia Schmitt

Julia Schmitt received the Franzosini award in recognition of her contribution to the IUPAC Solubility Data Project. She was honored at the 11th Annual Meeting of the IUPAC Subcommittee on Solubility and Equilibrium Data, held in the Qinghai Institute of Salt Lakes, Chinese Academy of Sciences, Xining, China on 21 July 2012.

Schmitt is a young scientist completing her Ph.D. at the Institute of Inorganic Chemistry in the TU Bergakademie in Freiberg, Germany, in the research group of Wolfgang Voigt. She is engaged in the determination of the solubility of lithium salts in aqueous multi-component electrolyte systems. Schmitt, a member of the IUPAC task group 2011-031-1-500 on Solubility of Lithium Sulfate in Aqueous Solutions, made a poster presentation on “Solubility Data of Lithium Sulfate in Binary and Higher Systems: Compilation and Critical Evaluation” at the 15th International Symposium on Solubility Phenomena and Related Equilibrium Processes in Xining, China.

The Franzosini Award was established by the former Solubility Data Commission (old IUPAC Commission V.8), in 1988, during its 14th meeting held in Guildford, Surrey, UK, that was hosted by A.F. Danil de Namour.

The “Paolo Franzosini Endowment Fund” was created in 1988 after a proposal from A.S. Kertes and a generous donation from Franzosini's wife and daughter after the sudden death of Paolo Franzosini, professor of physical chemistry at the University of Pavia, Italy, (Nov-Dec 2002 *CJ*), while completing the volume 33 of the Solubility Data Series on *Molten Alkali Metal Alkanoates*. The book, finished with the help of Paolo's colleagues, Paolo Ferloni, Alberto Schiraldi, and Giorgio Spinolo, was published in 1988 by Pergamon Press, which used to pay compilers and evaluators on a per page base. The Franzosini family offered, to the Solubility Data Commission, the total fees and honoraria for Paolo's book.



Members of the Subcommittee on Solubility and Equilibrium Data with Julia Schmitt, the recipient of the 2012 Franzosini Award, in Xining, China, during the 15th International Symposium on Solubility Phenomena and Related Equilibrium Processes.

The Solubility Data Commission established the Franzosini Award to help promising young contributors to the Solubility Data Project attend, in even years, the ISSP meetings, and in odd years, the annual meeting of the Solubility Data Commission. Since 1989, there have been 18 recipients of this prize, some of whom are still active members of the present Subcommittee on Solubility and Equilibrium Data that is the successor to the IUPAC Solubility Data Commission V.8 of the Analytical Chemistry Division. The recipients of the Franzosini Award as well as the year, the venue, and the name of the proponent are listed in a table online at www.iupac.org/publications/ci/2013/3505/iw5_Franzosini.html.

 www.iupac.org/nc/home/about/members-and-committees/divisions/V/502/franzosini-award.html

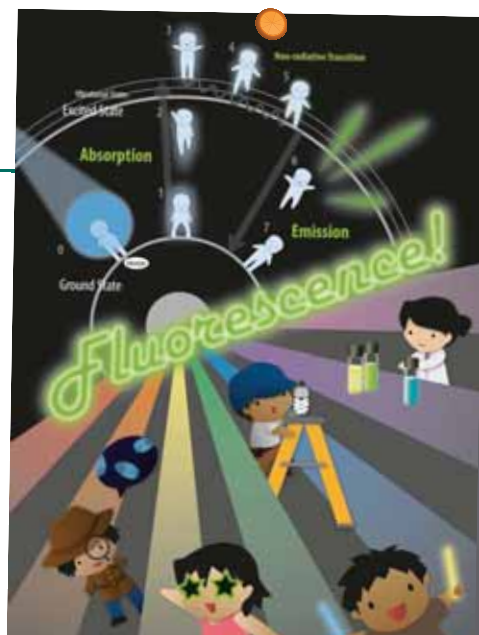
Student Physical Chemistry Cartoon Competition 2013 Prizewinners

The prizewinners for the student physical chemistry cartoon competition run this year¹ by the Division of Physical and Biophysical Chemistry are as follows:

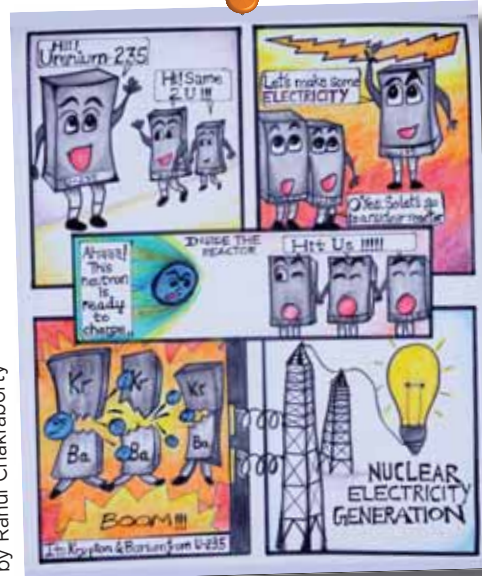
- Jenna Billbrey, a postgraduate at the University of Georgia, USA
- Rahul Chakraborty of Vishwa Bharati Public School, New Delhi, India
- Liwah Keller of University of Toronto Schools, Toronto, Canada
- Hiroyo Ohgi, an undergraduate at Chiba University, Japan
- Gracile Roxas, a postgraduate at the University of the Philippines Diliman, Philippines

The goal of the competition was to clearly illustrate an aspect of physical chemistry in a manner that can enrich the teaching of physical chemistry. The winning cartoons all addressed a physical chemistry concept with some accuracy, were all highly visually appealing and of high graphical quality.²

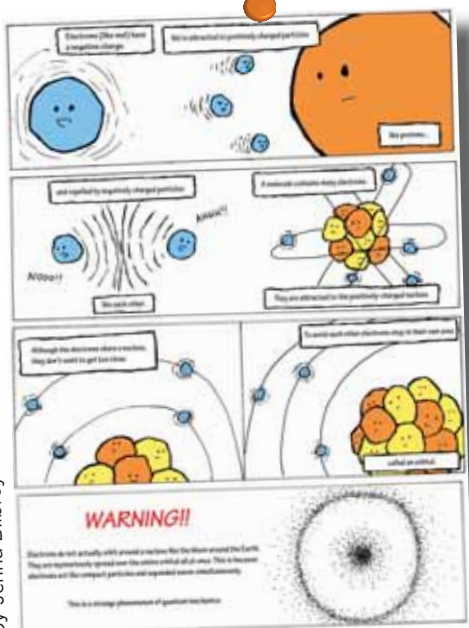
The 29 entries from 10 countries, including China, Malaysia, Indonesia, Croatia, and UK, were judged by Assaf Friedler (Israel), Jim McQuillan (New Zealand), Andrea Russell (UK), and Angela Wilson (USA) from the IUPAC Physical and Biophysical Chemistry Division. The competition was prompted by a successful student chemistry cartoon competition run by the division during the International Year of Chemistry 2011.³



by Gracile Roxas



by Rahul Chakraborty



by Jenna Billbrey



by Liwah Keller

1. <http://www.iupac.org/news/news-detail/article/pchem-cartoon13.html>
2. <http://www.iupac.org/news/news-detail/article/student-physical-chemistry-cartoon-competition-2013-prizewinners.html>
3. http://www.iupac.org/publications/ci/2011/3306/6_1yc_cartoons.html