

## Canadian Society of Chemistry and Chemical Institute of Canada Awards

The Canadian Society of Chemistry (CSC) and Chemical Institute of Canada (CIC) honored several chemists in their 2013 award schemes. We congratulate all the awardees and feature a selection of our authors here.

**P. Mario Pinto** (Simon Fraser University) is the winner of the CSC Alfred Bader Award. Pinto was featured here when he won the R. U. Lemieux Award.<sup>[1]</sup>

**David Vocadlo** (Simon Fraser University) received the CSC Boehringer Ingelheim (Canada) Research Excellence Award, which is awarded for work in medically relevant organic or biophysical chemistry. Vocadlo studied at the University of British Columbia (UBC), where he was awarded his PhD (supervised by Stephen G. Withers) in 2002. From 2002–2003, he carried out postdoctoral research with Carolyn Bertozzi at the University of California, Berkeley, and he joined the faculty at Simon Fraser University in 2004. Vocadlo's research is focused on developing new tools for glycoscience and their application in uncovering the physiological roles of glycans within cellular and organismal models. He has reported in *Angewandte Chemie* and *ChemBioChem* on enzyme inhibitors.<sup>[2a,b]</sup>

**Marco Ciufolini** (UBC) is the recipient of the R. U. Lemieux Award, which is presented for contributions to organic chemistry. Ciufolini studied at Spring Hill College and carried out his PhD (awarded in 1981) with Masato Koreeda at the University of Michigan, Ann Arbor. After postdoctoral work with Samuel J. Danishefsky at Yale University (1982–1984), he joined the faculty at Rice University. In 1997, he was made Professor of Organic Chemistry at the Université Claude Bernard Lyon 1 and the École Supérieure de Chimie Physique Électronique de Lyon, and in 2004, joined the UBC as professor and Canada Research Chair. Ciufolini's research interests are in nitrogenous natural products, including methods for the formation of C–N and C–C bonds and assembly of heterocyclic frameworks. He has reported in *Angewandte Chemie* on chiral hypervalent iodine reagents.<sup>[3]</sup>

**Mark MacLachlan** (UBC) was honored with the Strem Chemicals Award for Pure or Applied Inorganic Chemistry. MacLachlan studied at UBC and was awarded his PhD in 1999 for work supervised by Ian Manners and Geoffrey A. Ozin at the University of Toronto. From 1999–2001, he was a postdoctoral fellow with Timothy M. Swager at the Massachusetts Institute of Technology, and in 2001, he joined the faculty at UBC. MacLachlan's research interests are in supramolecular organic chemistry. He has reported in *Angewandte Chemie*

on responsive photonic hydrogels,<sup>[4a]</sup> and in *Chemistry—A European Journal* on mesoporous silica and organosilica thin films.<sup>[4b]</sup>

**Andrew Woolley** (University of Toronto) is the recipient of the CSC Teva Canada Limited Biological and Medicinal Chemistry Lectureship Award. Woolley studied at the University of Toronto and carried out his PhD (awarded in 1990) with Charles Deber at the Hospital for Sick Children and the University of Toronto. He was subsequently a research fellow at the Rensselaer Polytechnic Institute, Troy (1990–1991), with Bonnie Wallace at Birkbeck College, University of London (1991–1992), and MacMaster and Oxford Universities (1992–1993), and started his career at the University of Toronto in 1993. Woolley's research interests lie at the interface of chemistry and biology and concern the development of chemical approaches for probing biological systems. He has reported in *Angewandte Chemie* on photocontrol of peptide conformations,<sup>[5a]</sup> and on photoswitching of azonium ions.<sup>[5b]</sup>

**Aaron R. Wheeler** (University of Toronto) has been awarded the CSC W. A. E. McBryde Medal, which is presented to a young scientist for achievements in pure or applied analytical chemistry. Wheeler was featured here when he won the Heinrich Emanuel Merck Prize.<sup>[6]</sup>

**Mark Lautens** (University of Toronto) is the winner of the CIC Medal, which is the Institute's highest honor and is awarded for outstanding contributions to the fields of chemistry or chemical engineering. Lautens studied at the University of Guelph, and carried out his PhD (awarded in 1985) with Barry M. Trost at the University of Wisconsin–Madison. From 1985–1987, he carried out postdoctoral research with David A. Evans at Harvard University, and in 1987, he started his independent career at the University of Toronto, where he is currently J. Bryan Jones Distinguished Professor and AstraZeneca Professor of Organic Synthesis. Lautens and his research group are interested in the use of multiple metal catalysts to create complex products from multiple reactants, as well as heterocycle synthesis, C–H activation reactions, and carbohalogenation reactions. His most recent publications in *Angewandte Chemie* include reports on Rh/Pd catalysis with chiral and achiral ligands,<sup>[7a]</sup> and on carboiodination reactions.<sup>[7b]</sup>

**Janusz Pawliszyn** (University of Waterloo) is the winner of the CIC Environment Division R&D Award. Pawliszyn was featured here when he won the E. W. R. Steacie Award.<sup>[1]</sup>

**Yue Zhao** (Université de Sherbrooke) is the recipient of the CIC Award for Macromolecular Science and Engineering. Zhao studied at Chengdu University of Science and Technology (now Sichuan University) and the École Supérieure de Physique et de Chimie de Paris, and carried out his

## Awarded ...



P. M. Pinto



D. Vocadlo



M. Ciufolini



M. MacLachlan



A. Woolley



A. R. Wheeler

PhD (awarded in 1987) with Lucien Monnerie at the latter institution. From 1987–1990, he was a postdoctoral fellow with Robert Prud'homme at the Université Laval, and in 1991, he joined the faculty at the Université de Sherbrooke. Zhao's research is focused on stimuli-responsive polymers, including block copolymer assemblies, and shape-memory and healable polymers. He has recently reported in *Angewandte Chemie* on CO<sub>2</sub>-responsive polymeric microtubules.<sup>[8]</sup>



M. Lautens

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- [1] *Angew. Chem.* **2013**, *125*, 1401; *Angew. Chem. Int. Ed.* **2013**, *52*, 1361.  
 [2] a) K. A. Stubbs, M. S. Macauley, D. J. Vocadlo, *Angew. Chem.* **2009**, *121*, 1326; *Angew. Chem. Int. Ed.* **2009**, *48*, 1300; b) K. A. Stubbs, J.-P. Bacik, G. E. Perley-Robertson, G. E. Whitworth, T. M. Gloster, D. J. Vocadlo, B. L. Mark, *ChemBioChem* **2013**, *14*, 1973.  
 [3] D. Lefranc, M. A. Ciufolini, *Angew. Chem.* **2009**, *121*, 4262; *Angew. Chem. Int. Ed.* **2019**, *48*, 4198.  
 [4] a) J. A. Kelly, A. M. Shukaliak, C. C. Y. Cheung, K. E. Shopsowitz, W. Y. Hamad, M. J. MacLachlan, *Angew. Chem.* **2013**, *125*, 9080; *Angew. Chem. Int. Ed.* **2013**,

*52*, 8912; b) T.-D. Nguyen, K. E. Shopsowitz, M. J. MacLachlan, *Chem. Eur. J.* **2013**, *19*, 15148.

- [5] a) S. Samanta, C. Qin, A. J. Lough, G. A. Woolley, *Angew. Chem.* **2013**, *125*, 6558; *Angew. Chem. Int. Ed.* **2013**, *52*, 6452; b) S. Samanta, A. Babalhavaeji, M.-x. Dong, G. A. Woolley, *Angew. Chem.* **2013**, *125*, 14377; *Angew. Chem. Int. Ed.* **2013**, *52*, 14127.  
 [6] *Angew. Chem.* **2012**, *124*, 10367; *Angew. Chem. Int. Ed.* **2012**, *51*, 10221.  
 [7] a) A. A. Friedman, J. Panteleev, J. Tsoung, V. Huynh, M. Lautens, *Angew. Chem.* **2013**, *125*, 9937; *Angew. Chem. Int. Ed.* **2013**, *52*, 9755; b) D. A. Petrone, M. Lischka, M. Lautens, *Angew. Chem.* **2013**, *125*, 10829; *Angew. Chem. Int. Ed.* **2013**, *52*, 10635.  
 [8] Q. Yan, Y. Zhao, *Angew. Chem.* **2013**, *125*, 10132; *Angew. Chem. Int. Ed.* **2013**, *52*, 9948.

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In this section, we report on various awards for chemists who are closely connected with *Angewandte Chemie* and its sister journals as authors, referees, or board members.



J. Pawliszyn



Y. Zhao