

2013 MEDALS AND AWARDS RECIPIENTS

THE PIERRE CHAUVEAU MEDAL



CARLEY, James P. – Department of English, York University and Pontifical Institute of Mediaeval Studies

A Fellow of the RSC, James P. Carley is an expert on the history of the book, focusing on the contents of English libraries in the late medieval and early modern periods. His groundbreaking edition and analysis of the libraries of King Henry VIII appeared in 2000 and 2004. The first of his two-volume edition, translation and study of the *De uiris illustribus* by the Tudor humanist John Leland was published in 2010. Growing out of his Sandars Lectures in Bibliography at the University of Cambridge in 2011 will be a three-volume account of the early history of Lambeth Palace Library.

THE KONRAD ADENAUER RESEARCH AWARD



CLARKSON, Stephen – Department of Political Science, University of Toronto

A Fellow of the Royal Society and member of the Order of Canada, Stephen Clarkson teaches political economy at the University of Toronto. His books on the once-supreme Liberal Party of Canada include *The Big Red Machine* and the biography, *Trudeau and Our Times*, which won the Governor-General's award for non-fiction. Having recently completed a trilogy on the political economy of North America, he is now working with colleagues at Berlin's Free University on how norms and institutions privileging foreign corporations' investments are entrenched—and resisted—between the regions of Europe, North America, and South America.

THE MCNEIL MEDAL



EYLES, Nick – Department of Geology, University of Toronto

Nick Eyles was host of CBC's most popular *The Nature of Things* with David Suzuki series to date; the Gemini-nominated 5-part *Geologic Journey – World*, and has written several general interest books about geology including *Canada Rocks* (with A.D. Miall) voted the 'best science book of 2007' by the Toronto Star. In 2012 he was awarded the 'Geosciences in the Media Award' by the American Association of Petroleum Geologists for advancing public understanding of geology.

THE MIROSLAW ROMANOWSKI MEDAL



GIESY, John P. – Department of Veterinary Biomedical Sciences and Toxicology Centre, University of Saskatchewan

Professor John P. Giesy, Ph.D., FRSC received his degrees in Limnology from Michigan State University in 1971 and 1974, respectively. He is currently Professor and Canada Research Chair at the University of Saskatchewan on the faculties of Veterinary Biomedical Sciences and Toxicology Centre. He has published 892 works: 80 book chapters, 736 peer-reviewed open literature journal articles, seven books written, and books edited, with an h index of 72.

THE SIR JOHN WILLIAM DAWSON MEDAL



HOWARD-HASSMANN, Rhoda E. – Department of Global Studies and Balsillie School of International Affairs, Wilfrid Laurier University

In an academic career spanning almost four decades, Dr. Rhoda Howard-Hassmann is a pioneer in the social science of human rights. Her estimable interdisciplinary scholarship draws on political science, law, history, sociology, and economics. She was one of the first scholars to write on human rights in Africa, to teach comparative genocide studies, and to establish an undergraduate program on human rights. She is recognized internationally as an outstanding scholar.

THE RUTHERFORD MEMORIAL MEDAL IN PHYSICS



JAYAWARDHANA, Ray – Department of Astronomy and Astrophysics, University of Toronto

Ray Jayawardhana is a recognized leader in the study of extra-solar planets, brown dwarfs and young stars. A prolific and innovative scientist, he has employed many of the world's largest telescopes to further our understanding of the origin, evolution and diversity of planetary systems. His pivotal and wide-ranging contributions include several high-profile discoveries related to sub-stellar astrophysics and planet formation.

THE RUTHERFORD MEMORIAL MEDAL IN CHEMISTRY



MACLACHLAN, Mark J. – Department of Chemistry, The University of British Columbia

Mark MacLachlan's research is in the field of supramolecular materials chemistry, where he designs and creates new substances that organize into complex, functional structures. He and his research team have developed molecular capsules, nanotubes, and 3-D materials for hydrogen storage. Most recently, Dr. MacLachlan created porous glass films with helical holes that cause them to reflect light. These glasses with tunable reflective colours may be used in coatings, sensors, or membranes.

THE McLAUGHLIN MEDAL



SONENBERG, Nahum – Department of Biochemistry and Rosalind and Morris Goodman Cancer Centre, McGill University

Sonenberg performed fundamental work on the control of protein synthesis in cancer, autism, learning and memory and microRNA function. He discovered the messenger RNA 5' cap binding protein, eIF4E. He showed that eIF4E is an oncogene that is activated by the PI3K signaling pathway via phosphorylation of newly discovered eIF4E-inhibitory proteins. He discovered a cap-independent mechanism of translation via an IRES (internal ribosome entry site).

THE HENRY MARSHALL TORY MEDAL



STEPHAN, Douglas W. – Department of Chemistry, University of Toronto

Doug Stephan, author of over 335 scientific articles, has interests include the synthesis of transition metal and main group compounds and their application in catalysis. Stephan's group has developed commercial catalysts for the polymerization, hydrogenation and metathesis. In recent years Stephan's group has uncovered the concept of "frustrated Lewis pairs", a dramatic paradigm-shifting breakthrough permitting the use of simple main group compounds in metal-free hydrogenation and hydroamination catalysis.