

ORGANIC REACTIONS INC.

Organic Reactions was conceptualized at the 1939 National Organic Symposium as the brainchild of Roger Adams and some of the Organic Syntheses editorial board members. Organic Reactions was conceived as a collection of articles about specific reactions with which the authors had firsthand experience. The unique features of Organic Reactions distinguishing it from other review vehicles include exhaustive literature surveys, complete compilation of extant examples and representative, detailed experimental procedures. Adams served as president and editor in chief from 1942 until 1960 when Volume 10 was published. A. C. Cope succeeded Adams until his death in 1966, when W. G. Dauben assumed that position followed by A. S. Kende, L. A. Paquette, L. E. Overman, S. E. Denmark, and currently P. Andrew Evans. In defining the goals and mission of Organic Reactions, Adams wrote: "In the course of nearly every program of research in organic chemistry the investigator finds it necessary to use several of the better-known synthetic reactions." To discover the optimum conditions for the application of even the most familiar one to a compound not previously subjected to the reaction often requires an extensive search of the literature; even then a series of experiments may be necessary.

ORGANIC REACTIONS INC. CONTINUED

The volumes of Organic Reactions are collections of chapters each devoted to a single reaction, or a definite phase of a reaction, of wide applicability. The subjects are presented from the preparative viewpoint, and particular attention is given to limitations, interfering influences, effects of structure, and the selection of experimental techniques. The authors of articles in Organic Reactions receive no royalties, and the editors do their work as a public service. The success of this enterprise involves the dedicated efforts of many prominent chemists who devote their efforts to the time-consuming job of editing of chapters and producing volumes. It is remarkable that Adams' legacy of interest in organic chemistry, in organic chemists, and in students still motivates those who carry this important resource forward. Scott E. Denmark, University of Illinois
Editor-in-Chief, 2008-2018

PREVIOUS ORGANIC REACTIONS INC. LECTURES

2021 • P. Knochel

2018 • M. J. Krische



Department of Chemistry
Queen's University

is honoured to host the
2023 Organic Reactions
Inc. Lecturer:

Dr. Dennis Hall
University of Alberta



"From Drugs to Catalysts:
Design and Application of
Cyclic Hemiboronic Acids
Guided by Properties and
Reactivity"

Friday, August 18, 2023
11:30 AM
Chernoff Hall, Room 117

PROF. DENNIS HALL



Dennis Hall
Department of Chemistry
University of Alberta
Edmonton, AB, Canada T6G 2G2
Email: dennis.hall@ualberta.ca

Dennis Hall received his PhD in 1995 working with Prof. Pierre Deslongchamps at Université de Sherbrooke (Quebec, Canada). Between 1995-1997 he was an NSERC PDF in the group of Prof. Peter G. Schultz at UC Berkeley. He moved to the University of Alberta in 1997 where he currently holds the Tier-1 Canada Research Chair in Boron Chemistry for Catalysis and Drug Discovery. The unifying theme of his interdisciplinary research program is the development of new synthetic and biological applications of organoboron derivatives, including catalysis, stereocontrolled reactions, heterocyclic chemistry, and medicinal chemistry. Recently, he was named a national Killam Research Fellow (2019-2021) and received the 2021 R. U. Lemieux Award from the Canadian Society for Chemistry. He currently serves as an Associate-Editor of Science Advances (AAAS) and as a member of the Editorial Board (2013-) and the Board of Directors (2018-2023) of Organic Reactions.

SELECTED HONORS & AWARDS

- Tier 1 Canada Research Chair in Boron Chemistry for Catalysis and Drug Discovery (2022-2029)
- Canadian Society for Chemistry R. U. Lemieux Award for Organic Chemistry 2021
- Killam Research Fellowship, Canada Council for the Arts (2019-2021)
- Elected a Fellow of the Royal Society of Canada (FRSC) (2017-)
- Canadian Society for Chemistry Alfred Bader Award for Organic Chemistry 2016
- Royal Society of Canada's Rutherford Memorial Medal in Chemistry 2009
- Rutherford Teaching Award 2009 (University of Alberta)
- NSERC E.W.R. Steacie Memorial Fellowship 2008
- Faculty of Science Award for Excellent Teaching 2007 (University of Alberta)
- Humboldt Research Fellowship (2006, MPI-Dortmund, Germany)
- AstraZeneca Award in Chemistry 2003 (with unrestricted research grant)
- Boehringer Ingelheim Young Investigator Award for Organic Chemistry 1999