Introduction

I’m pleased to share the 2016-17 Awards Yearbook with you, showcasing outstanding students from across the region who have presented or competed at one of the nine annual academic conferences sponsored by Science Atlantic. This Yearbook recognizes Atlantic post-secondary students who excel in scientific research and science presentation skills.

Please also take a moment to learn of the many sponsors who make these awards and conferences possible. A list of these sponsors can be found at the end of the Yearbook. As well, a hearty thanks is extended to the students, faculty, and staff of the host institutions who worked hard to make these conferences successful!

Academic student conferences provide an opportunity for students to learn not only from experts in their field, but also from their peers. Students are given the chance to present their research outside their home institution (often for the first time), gain invaluable feedback, and make important connections for future education and careers.

Congratulations to all!

Lois Whitehead
Executive Director

2016-17 Conferences

**Atlantic Universities Geoscience (AUGC)**
October 27-29, 2016
Acadia University

**Mathematics, Statistics and Computer Science**
October 13-15, 2016
University of New Brunswick, Fredericton

**Atlantic Universities Physics & Astronomy (AUPAC)**
February 3-5, 2017
University of Prince Edward Island

**Aquaculture & Fisheries and Biology**
March 10-12, 2017
St. Francis Xavier University

**Environment**
March 3-5, 2017
University of New Brunswick, Fredericton

**Chemistry (ChemCon)**
May 4-6, 2017
Memorial University

**Psychology**
May 24-25, 2017
Cape Breton University
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Science Atlantic Science Communication Award
Sponsored By Canadian Science Publishing
Science Atlantic Undergraduate Research Award

Gregory Anderson (MSVU)
Jordan Barrett (DAL)
Kaitlyn Blatt-Janmaat (SMU)
Kaitlin Burek (Acadia)
Emily Evans (Acadia)
Yayra Gbotsyo (SMU)
Leah Genge (MUN)
Isabelle Jubinville (DAL)
Katie MacEachern (StFX)
Kira More (DAL)
Rowan Murphy (StFX)
Sean Murphy (MUN)
Science Atlantic Undergraduate Research Award

Elizabeth Nagel (DAL)  
Krista Ransier (DAL)  
Alyse Reimer (UNB-F)

Adam Palayew (MtA)  
Nicole Rodriguez (MUN)  
Bella Stein (MtA)

Yvonne Ritchie (DAL)  
Heather Spicer (Grenfell)  
Kimberley Taylor (StFX)

3
Science Atlantic Graduate Research Award

Brittany Dixon (UNB-F)  Christine Gilroy (MtA)  Tyler Lynn (UNB-F)  Dylan Michaud (UPEI)

Zoe O’Malley (UNB-F)  Bethany Reinhart (UNB-SJ)  Bernhard Wegscheider (UNB-F)

ACEmat Computational Modeling of Materials Award

Thomas Faour (StFX)  Sarah Walsh (CBU)  Ifenna I. Mbaezue (SMU)
Conference Specific Awards

Botany Award
Sponsored by the Canadian Botanical Association

Emily Evans (Acadia)
Adam Palayew (MtA)
Journal of Chemistry Award for Best Overall Graduate Presentation

Chemical Institute of Canada (CIC) Award for Best Presentation in Analytical Chemistry

Ahmad Al Shra’ah (MUN)  Shayne Gracious (DAL)  Taylor Lynk (SMU)  Heidi Pickard (MUN)

Chemical Institute of Canada (CIC) Award for Best Presentation in Biological/Medicinal Chemistry

Julia Killorn (SMU)  Garrett MacDougall (MUN)

Canadian Association of Theoretical Chemists (CACT) Award for Best Theoretical Presentation

Archita Adluri (MUN)  Ernest Awoonor-Williams (MUN)
K.C. Irving Environmental Science Centre Award

Geoscience (AUGC)

Imperial Oil Best Poster Award

Canadian Society of Petroleum Geologists (CSPG) Award

Best Geophysical Presentation (CSEG Award)
Geoscience (AUGC) Continued

The Frank S. Shea Memorial Award in Economic Geology

Taylor Chew (Acadia)

Environmental Geoscience Award
Sponsored by the Atlantic Geoscience Society

Fiona Henderson (DAL)
1st Place
UNB Red (UNB- F)
Vlad Marica, Lucas Pond, Caleb Reath

2nd Place
MTA Team Alpha (MtA)
William Fiset, Micah Stairs, Thomas Lidbetter

3rd Place
Dal Green (DAL)
Sam Doiron, Orjan Monsen, Mitchell Zinck
Mathematics Problem Solving Competition

1st Place
Memorial University
Leah Genge, Noah MacAulay

2nd Place
Dalhousie University
Shael Brown, Jordan Barrett

3rd Place
Memorial University
Anton Afanassiev, Kaveh Mozafari
Physics and Astronomy (AUPAC)

Tindall/Steinitz Award in Research

Michael Kinach (StFX)

Student Choice Award
Sponsored by the UPEI Physics Society

Patrick Connolly (UPEI)  Michael Kinach (StFX)

Psychology

Karen Nicholson Award in Neuropsychology

Charlotte Cowan (DAL)
2016-17 Partners and Sponsors

Acadia University, Dean of Science
Acadia University, Student Union
ACENET Institute for Materials Modeling and Simulation (ACEmat)
American Association of Petroleum Geologists (AAPG)
Association of Professional Engineers and Geologists New Brunswick (APEGNB)
Association of Professional Geoscientists of Nova Scotia (APGNS)
Association of Registered Professional Foresters of New Brunswick (ARPFNB)
Atlantic Association for Research in the Mathematical Sciences (AARMS)
Atlantic Elver Fishery
Atlantic Geoscience Society (AGS)
Atlantic Society of Fish and Wildlife Biologists (ASFWB)
AV Nackawic
Canadian Association of Theoretical Chemists (CATC)
Canadian Botanical Association
Canadian Institute of Mining and Metallurgy (CIM)
Canadian Journal of Chemistry
Canadian Rivers Institute (CRI)
Canadian Science Publishing
Canadian Society of Exploration Geophysicists (CSEG)
Canadian Society of Petroleum Geologists (CSPG)
Cape Breton University, Dean’s Office
Cape Breton University, School of Science and Technology
Cape Breton University, The Department of Mathematics, Physics and Geology
Chemical Institute of Canada (CIC)
Clean Annapolis River Project
Conservation Council of New Brunswick
Cornerstone Capital Resources Inc.
Department of Natural Resources (NSDNR), Minerals
Dillon Consulting
Elanco
EnCana
Erdene Resource Development Corp.
ExxonMobil
Freewest Resources Canada
Gammon Gold
Geological Association of Canada
2016-17 Partners and Sponsors

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MDS Coating Technologies Corporation (MCT)
Mineralogical Association of Canada
Mining Association of Nova Scotia
Mining Society of Nova Scotia
NB Nature Trust (Vendor)
PetroCanada
Petroleum Research Atlantic Canada (PRAC)
Professional Engineers and Geoscientists Newfoundland & Labrador (PEGNL)
Prospectors & Developers Association of Canada (PDAC)
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St. Francis Xavier University
Teck Cominco
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University of New Brunswick, Dean of Science
University of New Brunswick, VP Academic
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University of Prince Edward Island, Department of Physics
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University of Prince Edward Island, Dr. John Andrew
University of Prince Edward Island, Physics Society
University of Prince Edward Island, Vice-President Academic and Research
University of Prince Edward Island, Zak McLure
Vale Inco
Valox Ltd.
Walmart
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Science Atlantic Member Institutions

Acadia University
Cape Breton University
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Dalhousie Agricultural Campus
Grenfell Campus (Memorial University)
Memorial University
Mount Allison University
Mount Saint Vincent University
Natural Sciences & Engineering Research Council of Canada
Saint Mary’s University
St. Francis Xavier University
St. Thomas University
Université de Moncton
University of New Brunswick, Fredericton
University of New Brunswick, Saint John
University of Prince Edward Island