Student Awards Yearbook
2016-2017
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

Hannah Anstey (STU)
Emily Bennet (CBU)
Laura Bennett (DAL)
Amanda Cameron (CBU)
Melanie Campbell (CBU)
Brandon Collier (MUN)
Nicole Daigle (UNB-F)
Joshua Feldman (DAL)
Milton King (UNB-F)
Martin Main (Acadia)
Sarah Thompson (UPEI)
Justine Trask (CBU)
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)  Adam Palayew (MtA)  Krista Ransier (DAL)  Alyse Reimer (UNB-F)

Yvonne Ritchie (DAL)  Nicole Rodriguez (MUN)  Heather Spicer (Grenfell)  Bella Stein (MtA)

Kimberley Taylor (StFX)
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

Biology

Botany Award
Sponsored by the Canadian Botanical Association

Emily Evans (Acadia)
Adam Palayew (MtA)
Chemistry (ChemCon) 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)
Environment

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)
Science Atlantic Computer Science Programming Competition

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, Statistics & Computer Science Continued

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 (ARPFB)
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)
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Cape Breton University, School of Science and Technology
Cape Breton University, The Department of Mathematics, Physics and Geology
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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
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2016-17 Partners and Sponsors

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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
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Dalhousie Agricultural Campus
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Mount Allison University
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Natural Sciences & Engineering Research Council of Canada
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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