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Table of Contents

Science Atlantic Member Institutions	ii
Introduction	iii
Science Atlantic Undergraduate Physics and Astronomy Conference (AUPAC)	1
22 nd Science Atlantic Aquaculture and Fisheries Conference	4
42 nd Science Atlantic Biology Conference	6
Science Atlantic Environment Conference	9
36 th Annual Science Atlantic Undergraduate Psychology Conference	11
ChemCon '12: 37 th Annual Science Atlantic-CIC Chemistry Conference	14
Science Atlantic Mathematics, Statistics, and Computer Science Conference	20
62 nd Atlantic Universities Geoscience Conference (AUGC)	25
50 th Anniversary Travel Scholarship	27
Science Atlantic 2012 Sponsors	31

The mission of Science Atlantic is to advance post-secondary science education and research in Atlantic Canada by:

- Providing opportunities that foster and enrich students,
- Supporting and inspiring researchers and educators, and
- Using our collective voice to address important regional science issues.



Science Atlantic Member Institutions

Acadia University

Cape Breton University

Crandall University

Dalhousie University

Dalhousie Agricultural Campus (formerly Nova Scotia Agricultural College)

Grenfell Campus (Memorial University)

Memorial University

Mount Allison University

Mount Saint Vincent University

National Research Council Canada

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



Introduction

Each year, approximately 1,000 students and faculty from 16 post-secondary institutions in Atlantic Canada attend academic student conferences in nine science disciplines. Every conference has a unique quality, whether it's a field trip to Joggins Fossil Cliffs on the first day of the AUGC (Atlantic Universities Geoscience Conference), a programming competition for computer science students (the best of whom will advance in the Association for Computing Machinery International Collegiate Programming Contest), or a tour of the Sydney Tar Ponds for delegates at ChemCon.

What the conferences have in common is that they provide students with what is often their first opportunity to present their research to an audience of peers and scientists from outside their home institution. This experience has been described by student presenters as invaluable, eye-opening, and rewarding.

The top students at each conference are recognized for their achievements with awards ranging from undergraduate research and science communication awards to discipline-specific honours. This Yearbook gathers the 79 talented students recognized in 2012.

As well, in honour of the 50th anniversary of the founding of the Atlantic Provinces inter-University Committee on the Sciences, more commonly known as APICS (and now as Science Atlantic), travel awards were granted to enable three undergraduate students to present their research at national or international symposia in their fields. You will read their stories in the final section of the Yearbook.

We would not be able to host these conferences and offer these awards without the support of many people and organizations. First and foremost, thank you to the member institutions of Science Atlantic (listed on the previous page) for their ongoing support. Secondly, grateful appreciation is extended to the many faculty members and students who volunteer their time to organize each year's events. And thirdly, thank you to our 2012 sponsors, listed on pages 31-32.

I hope you enjoy this Yearbook commemorating the outstanding Atlantic science students of 2012.

Lois Whitehead

(notitation of

Executive Director



Science Atlantic Undergraduate Physics and Astronomy Conference (AUPAC)

Dalhousie University, Halifax, NS February 3-5, 2012

Science Atlantic Research Award



1st Place (tie)
Vincent Basque
Université de Moncton
Decrease of Transition Temperature in Vanadium Dioxide Thin Films with
Joule Heating



1st Place (tie)
Andrew Valencik
Saint Mary's University
Probing the interaction potential of the neutron-rich Lithium-11 isotope with protons



3rd Place
Graham Reid
Acadia University
Atomic Potential Corrections to Multislice Simulation of TEM Images



Science Atlantic Science Communication Award



1st Place
Cathryn Parsons
Acadia University
Optimization of the Monocular Indirect Ophthalmoscope



Honourable Mention

Martin Chiasson

Université de Moncton

Effect of pressure on the optical/electrochromic properties of MoO3



Honourable Mention
Alexandre Doucet
Université de Moncton
Effet laser avec des céramiques d'oxyde d'yttrium dopé à l'ytterbium



Honourable Mention

Robert MacDonald

Mount Allison University

Leak-Detection System for a Heavy Gas Cherenkov Detector





Honourable Mention
Sarah Thomas
Mount Allison University
Calculating Soft Tissue Thickness Through X-ray Scattering

ACEmat Award in Computational Modeling of Materials



Graham ReidAcadia University
Atomic Potential Corrections to Multislice Simulation of TEM Images

About the ACEmat Award

The ACEmat Award in Computational Modeling of Materials is presented at three Science Atlantic student conferences each year. The Award is given for the best undergraduate presentation (oral or poster) using computational methods to study systems of interest to materials science.

The three disciplines are:

- Chemistry
- Mathematics, Statistics and Computer Science
- Physics and Astronomy

The award is sponsored by the ACEnet Institute for Materials Modeling and Simulation (ACEmat), which is dedicated to activities that support the materials modeling research community in Atlantic Canada. ACEmat is a cooperative effort with ACEnet, the high performance computing consortium that provides computational facilities to university researchers in the Atlantic Provinces.



22nd Science Atlantic Aquaculture and Fisheries Conference

Mount Allison University, Sackville, NB March 2-4, 2012

Undergraduate Student Presentations



1st Place: Atlantic Elver Fishery Award Lauren Ellis

University of New Brunswick, Fredericton

The effect of dissolved oxygen concentration on critical thermal maximum in triploid brook charr, Salvelinus fontinalis



2nd Place: Corey Nutrition/NSERC Award Nancy Roney

Dalhousie University

Old fish, new fish: The effects of stock structure on recruitment in <u>Gadus</u>

morhua and <u>Clupea harengus</u>



3rd Place: Bluenose Coastal Action Foundation Award

Jessica Ellis

Dalhousie University

Current trends in hagfish fisheries in Atlantic Canada and worldwide



Graduate Student Presentations



1st Place: Clearwater/Novartis Animal Health Canada Award

Njal Rollinson

Dalhousie University

Big Forestry, Big Fish, and the Evolution of Maternal Investment in Atlantic Salmon



2nd Place (tie): Cooke Aquaculture/Canadian Centre for Fisheries Innovation Award

Kyle Matheson

Memorial University

Temperature mediates non-competitive and competitive foraging in indigenous rock (<u>Cancer irroratus</u>) and recently introduced green (<u>Carcinus maenus</u>) crabs



2nd Place (tie): Cooke Aquaculture/Canadian Centre for Fisheries Innovation Award

Gina Stewart

Nova Scotia Agricultural College Shubenacadie River striped bass egg and larvae spatio-temporal density and distribution



3rd Place: Skretting/Lobster Council of Canada Award

Vicky Yaroshewski

Dalhousie University

Genetic Effects of Pearl Culture Practices and the Fine Scale Recruitment of the Black-Lipped Pearl Oyster (<u>Pinctada margaritifera</u>) in French Polynesia



42nd Science Atlantic Biology Conference

Mount Allison University, Sackville, NB March 2-4, 2012

Oral Presentation Awards



1st Place

Karissa Milbury

Dalhousie University

Identification of Halophilic Protozoa via Environmental PCR



2nd Place Joshua LeeDalhousie University

The duplicated cellular retinoic acid-binding protein genes and tissuespecific distribution of their transcripts in adult medaka (Oryzias latipes),
the Japanese rice fish



3rd Place

Jordan Poley
University of Prince Edward Island
Effects of immunostimulatory feeds on atlantic salmon (Salmo salar)
responses to sea lice (Lepeophtheirus salmonis) infection



Poster Presentation Awards



1st Place

Amy Brown

Mount Allison University

The Effects of Wolbachia Infection on the Drosophila Epigenome



2nd Place **Dylan Schneider**University of New Brunswick, Fredericton
Abiotic and Biotic Differences in Salt Pannes of Maritime Salt Marshes



3rd Place
Jenai Lowe
Dalhousie University
Dynamic Properties of Carbon Dioxide Transduction by <u>Drosophila</u>
Antennal Sensilla



Canadian Botanical Association Award



Oral

Annie Livingstone

St. Francis Xavier University

A sequence of events: unraveling the history behind an algal-vertebrate symbiosis



Kylie TingleyUniversity of Prince Edward Island
Dispersal and adaptation in a coastal beach plant

About the Botany Award

The Canadian Botanical Association/L'association botanique du Canada Undergraduate Student Regional Awards Program offers an award at the annual undergraduate Biology conferences in each of the five regions of Canada: Atlantic region, Québec, Ontario, Prairies and Territories, and British Columbia.

The prizes are awarded for the best presentation by an undergraduate student in the discipline of botany The purpose of this recognition is to encourage undergraduate students to pursue graduate research in botany and to enhance the visibility of the Canadian Botanical Association.

The CBA/ABC serves as the national organization for botanists in Canada, including professional botanists at universities, colleges, schools, government and industry as well as students, technicians and amateurs. The association represents Canadian Botany and botanists in matters of local, national and international importance.



Science Atlantic Environment Conference

Mount Allison University, Sackville, NB March 2-4, 2012

Science Atlantic Science Communication Award



1st Place Chelsey Lawrence

Memorial University of Newfoundland Native bees pollinate blueberries even in the nastiest Newfoundland weather



Honourable Mention

Chris MacIntyre

St. Francis Xavier University

Testing low cost OEM CO2 sensors for outdoor ecological studies

Science Atlantic Research Award: Undergraduate



1st Place

Emma Davis

Mount Allison University

Taking shelter from climate change: An analysis of shelterbelt species in the Canadian Prairies





Honourable Mention
Kaycee Morrison

Acadia University

Living in the fast lane: benthic habitat features of the FORCE tidal energy technology demonstration area in the upper Bay of Fundy



Honourable Mention

Louise Tunnah

Mount Allison University

Getting Fresh: The hypo-osmotic stress response of the spiny dogfish (Squalus acanthias) and the relative roles of chemical and molecular chaperones





1st Place

Jim Ghoshdastidar

Acadia University Membrane Bioreactor Treatment of Organophosphate and Phenoxyacetic Acid Pesticides in Wastewater



Honourable Mention

Jocelyn Egan

St. Francis Xavier University

A numerical look at 14CO2 chamber methodologies



36th Annual Science Atlantic Undergraduate Psychology Conference

Acadia University, Wolfville, NS May 8-9, 2012

Science Atlantic Science Communication Award



Oral (tie)
Sarah Leger
Mt. Allison University
Self-Reports and Biomarkers of Smoking: Do They Tell the Same Story?



Oral (tie)
Chrissy Macaulay
St. Francis Xavier University
A Test of Mindfullness Meditation Versus Hatha Yoga for Reducing
Anxiety Sensitivity



Poster

Erin Sheppard
St. Mary's University
Examining Coping as a Moderator of the Relationship Between
Customer Mistreatment and Employee Well Being



Science Atlantic Research Award



Oral (tie)

Aleka MacLellan

Mt. Allison University

Promoting Positve Body Image Through Self-Compassion



Oral (tie)
Emily Tredger
Dalhousie University
Are Intentionally Forgotten Memories More Susceptible to the
Misinformation Effect?



Poster (tie)
Amanda Cranford
Memorial University of Newfoundland
The Effect of Repeated Exposure to Palatable Food: The Development of
Food Preference in the Lateral Hypothalamus



Poster (tie)
Brittany Jensen
Memorial University of Newfoundland
Acute Inhibition of mTOR Kinase via Systemic Rapamycin Blocks Weight
Gain and Food Intake in Rats Under Normal Dietary Conditions



Karen Nicholson Award in Neuropsychology

Diane Ross



St. Francis Xavier University

Cannabinoid Treatment of Ischemic Brain Injury: Extent of Tissue

Damage and Behavioural Impairments

About Karen Nicholson

Karen Nicholson was a member of the APICS (now Science Atlantic) Psychology Committee whose research interest was in the neuropsychology of perception.

Karen grew up in Lethbridge, Alberta where she received her Bachelor's degree from the University of Lethbridge. She then completed her Master's degree in Psychology with Dr. Doreen Kimura at the University of Western Ontario (UWO), followed by doctoral studies of the types of cues (shape, colour) that impact perception, supervised by Dr. Keith Humphrey, also at UWO.

Karen's interest in the neuropsychology of perception was furthered during her postdoctoral work with Kevin Munhall at Queen's University. She carried on to her own lab at Mount Allison University in 2002, where she was hired as an Assistant Professor. Karen passed away in November 2007, after a courageous battle with cancer.

Karen will be remembered as a committed teacher and a talented and energetic researcher.



ChemCon'12: 37th Annual Science Atlantic-CIC Chemistry Conference

Cape Breton University, Sydney, NS May 15-18, 2012

Sepracor Award: Best Overall Undergraduate Presentation



Marcus Drover

Memorial University of Newfoundland

Structural, Catalytic and Spectroscopic Studies of Lithium and Bismuth

Coordination Compounds

About the Sepracor Award

Since 1997, Sepracor has sponsored the top undergraduate student at ChemCon to attend the national conference of the Canadian Society for Chemistry (CSC).

Sepracor Canada Ltd., a division of Sunovion Pharmaceuticals, is a research-based pharmaceutical company dedicated to treating and preventing human disease by discovering, developing, and commercializing innovative pharmaceutical products directed toward serving unmet medical needs.

Science Atlantic Science Communication Award



Arthur Hendsbee
Saint Mary's University
The reactions of symmetrical dichalcogen compounds with N-heterocyclic carbenes







Adam Brown
Cape Breton University
Synthesis and Characterization of Biomimetric Copper Complexes with
N,S-Based Ligands

ACEmat Award in Computational Modeling of Materials



Jean Gillis
Cape Breton University
An ab Initio Study on the Competition of Hydrogen and Halogen Bonding in Hypohalous Acid (HOX, X=F, Cl, Br, I) Complexes

Best Undergraduate Presentation in Analytical Chemistry



Oral

Osai Clarke
Saint Mary's University
Development of Novel Spectroscopic Methods for In Situ
Characterization of Amyloid Aggregate Formation



Poster

Zack Brown

Dalhousie University

Detection of Carbon Dioxide in Carbonated Beverages with Agar Based Indicator Gels



Best Undergraduate Presentation in Biological/ Medicinal Chemistry



Oral
Lucas Stewart
Memorial University of Newfoundland
Artificial Tissue Scaffolds



Poster
Julie Colpitts
Acadia University
Investigation of Activatable DNA Damaging Agents

Murray Brooker Award for Best Undergraduate Presentation in Chemical Education



Barbara Goodall
Saint Mary's University
An ab Initio Investigation of the Hydration of the d0 Transition Metal
Tetraoxo Complexes: CrO42-, MnO4-, FeO4



Best Undergraduate Presentation in Inorganic Chemistry



Oral
Nicholas Randall
Memorial University of Newfoundland
Structural and Magnetic Properties of [2x2] Self-Assembled Ln₄ grids



Poster
Robie Hennigar
Acadia University
Photophysical Investigation of Ruthenium(II) Coordination Complexes

Best Undergraduate Presentation in Materials Chemistry



Oral
Chris MacLean
Cape Breton University
Building N-Heterocyclic Carbenes on the Surface of Ordered Materials



Poster
Chris Keefe
Cape Breton University
Single File Diffusion in Orthosilicate Thin Films



Best Undergraduate Presentation in Organic Chemistry



Oral
Christina LeGay
St. Francis Xavier University
New Tools for Organic Synthesis and Natural Product Characterization



Poster Kerry-Lynn WilliamsMemorial University of Newfoundland *Oligo-(1,8-pyrenylene)s*

Best Undergraduate Presentation in Physical, Theoretical or Computational Chemistry



Oral
Jane Ferguson
Saint Mary's University
An Improved Method for Extending the STO-NG Basis Sets to be Applied to all Elements of the Periodic Table



Poster
Erica Campbell
Cape Breton University
Measuring Vibrational intensities: Current Techniques and Examples



Best Graduate Oral Presentation

Best Graduate Poster



Jim Ghoshdastidar
Acadia University
Occurrence of Pharmaceuticals in the Cornwallis and Annapolis
River Watersheds



Tariq SainuddinAcadia University
Synthesis & Characterization of Polypyridyl Ruthenium complexes for Photodynamic Therapy

E. Gordon Young Award for Most Pedagogical Presentation by a Graduate Student



Crystal SweeneyAcadia University
Sweating the small stuff: study of pesticides and primary metabolites excreted in human sweat



Science Atlantic Mathematics, Statistics, and Computer Science Conference

Mount Allison University, Sackville, NB October 12-14, 2012

Science Atlantic Communication Award



Patrick Murray
Acadia University
Ambush Cops and Robbers



Neil SpencerAcadia University
Checking Equivalence of Subset-Groupings with Applications to Design
Theory



Science Atlantic Research Award



Christopher van Bommel
St. Francis Xavier University
Planar Triangulations and the Domination Chain



Dylan DayAcadia University
Using Image Processing to Count Apple Mites



Anthony DelaneyMount Allison University
C4.5 Decision Tree Pruning



Michael Deveau

Acadia University

Characterizations of Completeness and the Archimedian Property



Science Atlantic Mathematics Problem Solving Competition



1st Place
Christopher van Bommel and
John Austin Macdonald

St. Francis Xavier University





2nd Place
Dylan Day and
Neil Spencer

Acadia University





3rd Place
Jordan Antsey and
Brandon Thorne

Memorial University



Science Atlantic Computer Science Programming Competition

About the Programming Competition

In conjunction with the computer science portion of the conference, Science Atlantic coordinates the Atlantic division of the programming competition for the ACM International Collegiate Programming Contest (ICPC), an international, multi-tier, team-based competition (http://icpc.baylor.edu). ACM, the Association for Computing Machinery, is the world's largest educational and scientific computing society).

The contest involves a global network of universities hosting regional competitions that advance teams to the ACM-ICPC World Finals. Tens of thousands of students and faculty at almost 2,000 universities from over 80 countries compete each year. The contest fosters creativity, teamwork, and innovation in designing and implementing algorithms, and enables students to test their ability to perform under pressure.

ACM-ICPC is the oldest, largest, and most prestigious programming contest in the world. Most students on teams in the world finals get very good scholarship and graduate school opportunities.

1st Place
UNB Reds (Coach: Dr. Patricia Evans)



David Ackerson



Ian Bishop



Conor McCullough



2nd Place
UNBSJ Bitshift (Coach: Dr. Mohammad Sadnan al Manir)



Jessica Blanchard



Alec Gordon



Brandon Smith

3rd Place
UNB Blacks (Coach: Dr. Patricia Evans)



Angus Fletcher



Brian Hanson



Jared Losier



62nd Atlantic Universities Geoscience Conference (AUGC)

Dalhousie University, Halifax, NS
October 18-20, 2012

Best Overall Presentation



Marina Joury Memorial University of Newfoundland Influence of Native Newfoundland Sea Cucumber Cucumaria frondosa on Sediment Mineralogy and Texture

Best Poster Award



Tara ForstnerDalhousie University
Bedrock incision and surface uplift rates of the western Hangay Dome,
Mongolia



CSPG Award for Best Petroleum Geology Presentation (Canadian Society of Petroleum Geologists)



Lianabel SelvizMemorial University of Newfoundland
Oil production enhancement strategy by using integrated simulation and well log data, Norne Field, Norway

Frank Shea Memorial Award in Economic Geology



Aaron Bustard
University of New Brunswick
Evaluation of the Controls on the Distribution of Scheelite and
Wolframite within Mineralized Zones at the Sisson Brook W-Mo-Cu
deposit, west-central New Brunswick: a Petrogenetic Analysis

CSEG Award for Best Geophysical Presentation (Canadian Society of Exploration Geophysicists)



Lianabel Selviz

Memorial University of Newfoundland

Oil production enhancement strategy by using integrated simulation and well log data, Norne Field, Norway



50th Anniversary Travel Scholarship

In celebration of the 50th Anniversary of the founding of APICS (the Atlantic Provinces inter-University Committee on the Sciences, known today as Science Atlantic), an anonymous sponsor pledged \$1500 for a student scholarship, which was augmented by other donations. Science Atlantic chose to award the scholarship in the form of undergraduate travel awards.

From a large pool of applicants, three exceptional undergraduate students were chosen to attend national or international academic conferences. Selection was based on academic record, the student's acceptance as a presenter at the conference, the letter of support from the supervisor, the calibre of the conference, and the overall quality of the student's application and experience. In this section you'll read about the experiences of each of the winners, in their own words.

Christopher van Bommel



St. Francis Xavier University Mathematics major

Supervisor: Dr. Xu (Sunny) Wan

Conference: 40th Annual Meeting of the Statistical Society of Canada

University of Guelph, Guelph, Ontario

June 3-6, 2012

The Annual Meeting of the Statistical Society of Canada is the largest statistical conference held in Canada. I first had the opportunity to attend a workshop, which introduced me to capture-recapture models, a topic in statistics that I had not yet encountered. Scheduled for the following three days were, in addition to the plenary speakers, between ten and twelve parallel sessions encompassing multiple topics and numerous talks, both invited and contributed, given by speakers of several different backgrounds, as well as two poster sessions and two case study competitions. These sessions further expanded my knowledge of various aspects of statistics.

I also had the opportunity to give a presentation regarding the data analysis I am performing for the Keeping Pace study. It was a great privilege to share my work as an undergraduate student at this prestigious conference.



Additionally, I had the opportunity to meet students completing graduate studies at multiple universities throughout Canada. Talking to these students provided me with valuable information which will help me determine my own plans after completing my undergraduate degree.

Unfortunately, I was unable to attend the Science Atlantic 50th Anniversary Celebration. I am honoured to have received this travel award and would like to express my thanks to Science Atlantic for supporting my attendance at this conference.

James Jabalee



Mount Saint Vincent University Biology major Supervisor: Dr. Tamara Franz-Odendaal Conference: Experimental Biology San Diego, California April 21-25, 2012

Experimental Biology sees the coming together of five societies in one area for a large, interdisciplinary meeting which spans practically all fields of Biology. My first experience at EB was the American Association of Anatomists (AAA) New Members Breakfast, where I was able to meet the President and other people central to AAA as I was welcomed into their society. The rest of the day, as well as those that followed, were full of intriguing talks by leading scientists from across the globe. Many of these related directly to both my Honours work and the Master's work I will be starting in September. Perhaps the highlight of the trip was the opportunity to speak to Bjorn Olsen, Hersey Professor of Cell Biology at Harvard and one of the leaders in the field of bone biology, regarding ideas for my Master's work.

In addition to hearing numerous talks, I had the opportunity to present my own research as a poster both during an undergraduate session and later during a general session. It was very motivating to have others in the field approach me and show interest in my work. Many of the conversations I had during these sessions provided me with both feedback as well as many ideas for future research. The evenings were largely spent socializing. Travelling with my supervisor provided me with the



opportunity to meet a variety of important people, including researchers, teachers and journal editors, many of whom I will likely cross paths with again in the future.

On top of all of this, I was lucky enough to return to Halifax in time to enjoy the fantastic awards ceremony thrown by Science Atlantic to celebrate their 50th anniversary. I would like to extend a huge thank you to everyone at Science Atlantic for not only supporting my trip with this travel award, but also for the amazing job they have done over the last 50 years to foster science in Atlantic Canada.

Alyssa Jaeschke



Mount Saint Vincent University Chemistry major

Supervisor: Dr. Ian Pottie

Conference: 15th Symposium on the Latest Trends in Organic Synthesis

(LTOS-15)

St. Catharines, Ontario August 8-12, 2012

These past few days I have been attending the 15th Symposium on the Latest Trends in Organic Synthesis in St. Catharines, Ontario. The symposium is designed to enable chemists from different acacemid and industrial backgrounds to share current ideas and theories in their field of research.

The first event of this conference was the registration mixer on Wednesday night. At this gathering I was able to meet the organizing committee of the symposium, other graduate students, and professors and researchers from many different universities and industries in Canada, as well as the United States, and Europe.

The next morning, the invited speakers began their talks. Speakers at this symposium ranged from industrial chemists, explaining their synthetic methods to produce pharmaceutical ingredients, to professors, sharing the work they perform with undergraduate, graduate, and PhD students. There was such a variety of chemists researching such different avenues of synthetic chemistry that every lecture was a new learning experience which explored a new topic. I was most interested when the industrial chemists spoke about their work. I was interested to see how the research that chemists perform in their laboratories was applied when making important pharmaceutical compounds.



These lectures continued for the following two days, and I was even fortunate enough attend a talk given by my supervisor, and I was able to see how people responded to one of the research projects I have been working on.

Thursday and Friday night of the conference was when the poster sessions were held. It was at the Friday night session that I presented my work, with conversation surpassing the one hour time slot scheduled. It was exciting to see the number of people interested in my research, and encouraging hearing their opinions and advice. I'm looking forward to returning to the lab in September and continuing my research and exploring their new ideas and suggestions.

This symposium was an amazing opportunity for me to interact with chemists from around the world, hear their opinions, and learn about their latest research projects. I would like to thank Science Atlantic for awarding me the Science Atlantic 50th Anniversary Travel Scholarship. Without their support, I would not have been able to attend this conference, and benefit from it as I did.

Thank you so much, and congratulations on 50 years of encouraging science in Atlantic Canada!





Science Atlantic 2012 Sponsors

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Acadia University Department of Psychology

Acadia University Students' Union

ACEnet Institute for Materials Modeling and Simulation (ACEmat)

Association of Psychologists of Nova Scotia (APNS)

Atlantic Association for Research in the Mathematical Sciences (AARMS)

Atlantic Elver Fishery

Atlantic Geoscience Society (AGS)

Bluenose Coastal Action Foundation

Canadian Botanical Association

Canadian Centre for Fisheries Innovation (CCFI)

Canadian Journal of Physics

Canadian Society of Exploration Geophysicists (CSEG)

Canadian Society of Petroleum Geologists (CSPG)

Cape Breton University Alumni Association

Cape Breton University Chemistry Society

Cape Breton University School of Science and Technology

Cape Breton University Students' Union

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