

## 2022-2023 PAST CHEMISTRY SEMINARS & EVENTS

Friday, September 23, 2022

**Dr. Alan Doucette**  
**Department of Chemistry**  
**Dalhousie University**  
**Halifax, NS**

Title: *MacGyvering Mass Spectrometry for Proteomics Analysis*

Time: 11:30 AM (AST); Location: Atrium AT101

Friday, October 7, 2022

### **Undergraduate Research Day**

On Friday Oct 7th, from 12.45pm to 2.15pm, the SMU Chemistry society is hosting 'Undergraduate Research Day 2022' in SB 265. Students who did research in the chemistry department during summer 2022 will provide an insight on the project they have been working on. Presentation topics include EC-SERS and LSPR, second harmonic generation microscopy, two-dimensional liquid chromatography, fungal inhibitory metabolites, and demethylation of alkaloids. It is great a opportunity for undergraduate students to see the various research interests of the faculty members in the chemistry department. Attendance will count as bonus for second year chemistry courses and above. Pizza and drinks will be offered.

Time: 12:45pm - 2:15pm (AST); Location: SB265

Friday, October 14, 2022

**Dr. Charles Macdonald**  
**Department of Chemistry, Dean (Faculty of Science)**  
**Dalhousie University**  
**Halifax, NS**

Title: *Fundamental Main Group Chemistry: "Orbital engineering" and new functional groups*

Time: 11:30 AM (AST); Location: Atrium AT101

Friday, October 21, 2022

**Dr. Arthur Hendsbee**  
**Brilliant Matters**  
**Saint-Augustin-de-Desmaures, QC**

Title: *Organic Electronics: fundamentals and applications*

Time: 11:30 AM (AST); Location: Atrium AT101



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Friday, October 28, 2022

**Dr. Yang Qu**  
**Department of Chemistry**  
**University of New Brunswick, NB**

Title: *The plasticity and reactivity of monoterpenoid indole alkaloids biosynthesis contribute to their chemodiversity*

Time: 11:30 AM (AST); Location: Atrium AT101

Friday, November 4, 2022

**CHEM 4499 Critical Reviews**

Time: 11:30 AM (AST); Location: Atrium AT101

Friday, November 18, 2022

**Dr. Alison Scott**  
**Faculty of Engineering**  
**Dalhousie University**  
**Halifax, NS**

Title: TBD

Time: 11:30 AM (AST); Location: Atrium AT101

Friday, November 25, 2022

**Dr. Sultan Darvesh**  
**Department of Medicine, Department of Medical Neuroscience**  
**Dalhousie University**  
**Halifax, NS**

Title: Synthesis and Evaluation of imaging Radioligands for Alzheimer's Disease

Time: 11:30 AM; Location: Atrium AT101

Friday, December 2, 2022

**CHEM 4500 Honours Student Fall Oral Reports**

Presenters and Titles: TBD

Time: 11:30 AM; Location: Atrium AT101

Friday, December 9, 2022

**Dr. Laurent Kreplak**  
**Department of Physics & Atmospheric Science**  
**Dalhousie University**  
**Halifax, NS**

Title: TBD

Time: 11:30 AM; Location: Atrium AT101



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Thursday, February 16, 2023

**IUPAC Women in Chemistry Global Women's Breakfast 2023**

Join us, and others from around the world, all while enjoying a pizza lunch. This year's theme is "Breaking Barriers of Science" and is sponsored by the Chemistry Department at Saint Mary's University.

Time: 11:30 AM (AST) to 1:00 PM (AST)  
Location: Uni-Lever Lounge, Sobeys's Building

All gender identities are welcome to join but pre-registration is required since the event is limited to the first 25 registrants.

Friday, February 17, 2023

**Dr. Stephanie MacQuarrie, Associate Dean of Science and Technology  
Department of Chemistry  
Cape Breton University  
Sydney, Nova Scotia**

Time: 11:30 AM  
Location: Atrium AT101 and/or Via Zoom

Note this is both an In-Person/On Campus & Virtual Event. Our guest speaker, Dr. Stephanie MacQuarrie, will be presenting their talk via "Zoom"

Friday, March 10, 2023 - SMU Chemistry Career Day

**Pam Reyno, General Manager - Quality Assurance  
AGAT Laboratories  
Dartmouth, Nova Scotia**

Time: 11:30 AM (AST)  
Location: Atrium AT101

Friday, March 17, 2023

**Dr. Jenny Wong, Assistant Professor  
Department of Chemistry & Biochemistry  
Mount Allison University  
Sackville, New Brunswick**

*Title: Aerosol Toxicity via Oxidative Stress: From Complex Cookstove Aerosols to Simple Quinones*

Time: 11:30 AM (AST)

In person/On Campus: Atrium AT101 or Virtually: "Zoom"

Note: Any chemistry student desiring "bonus marks", in-person attendance is required.



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Friday, March 24, 2023

**Dr. Aldona Wiacek, Associate Professor**  
**Department of Environmental Science**  
**Department of Astronomy & Physics**  
**Saint Mary's University**  
**Halifax, Nova Scotia**

*From surface ozone pollution to ocean-air gas fluxes in Halifax, Nova Scotia*

Time: 11:30 AM (AST)

Locations: Atrium AT101 or via "Zoom"

Note: In-person attendance is required for Chemistry Students who desire "Bonus Marks".

Friday, March 31, 2023

**Dr. Ghislain Deslongchamps, Professor**  
**Department of Chemistry**  
**University of New Brunswick**  
**Fredericton, New Brunswick**

*Stereoelectronic adventures - aspirin revisited.*

Time: 11:30 AM (AST)

Locations: Atrium AT101 or via "Zoom"

Note: In-person attendance is required for Chemistry Students who desire "Bonus Marks".

Tuesday, April 11, 2023

**Chemistry Honours Defenses**  
**Department of Chemistry**  
**Saint Mary's University**  
**Halifax, NS**

Time: 1:30 PM to 4:00 PM  
Location: Atrium AT216

Presenters:

Ben Wortman:  
Cyclic Alkyl Phosphino Carbenes – A Synthetic Investigation.  
(Supervisor: Dr. J. Masuda)

Elisha Bennett:  
Third Order Nonlinear Optical Properties of Potential Harmonophores.  
(Supervisor: Dr. D. Tokarz)

Sumayyah Chotoye:  
Two-Dimensional Liquid Chromatography (2D-LC): A Novel Technique for the  
Analysis of Bisphenols in Canned Food Items.  
(Supervisor: Dr. C. Brosseau)

Note: This session does not qualify for "Bonus Marks".

Thursday, April 20, 2023

**Dr. Georgii I. Nikonov**  
**Department of Chemistry Department**  
**Brock University**  
**St. Catharines, ON**

Title: Activation of small molecules on Al(I) and Ga(I) carbenoids: from bond cleavage to coupling reactions

Time: 11:30 AM, Location: Atrium AT101

Note: This session does not qualify for "Bonus Marks".