

Dalhousie University, Department of Chemistry
Seminars July 2005 to June 2024

SEMINAR SCHEDULE
Department of Chemistry, Dalhousie University
July 1, 2023 – June 30, 2024

Date/time	Speaker/Institution	Title/Sponsorship	Host
Friday July 21 1:30 pm Room 226	Professor Sarah Burke Department of Chemistry & Department of Physics & Astronomy The University of British Columbia	Mapping the Frontier: Imaging Molecules and their Electronic States by Scanning Tunnelling Microscopy	E. Johnson
Friday September 8 1:30 pm Room 226	Professor Abhishek Chatterjee Department of Chemistry Boston College	Genetically Encoded Chemistries to Read and Write Biology	A. Baker
Friday September 15 1:30 pm Room 226	Professor Rachel Evans Department of Materials Science & Metallurgy University of Cambridge	Photon Conversion Materials Based on Organic-Inorganic Hybrids for Photovoltaic and Imaging Technologies	Tyler Saunders, President of Grad Student Society
Friday September 22 1:30 pm Room 226	Professor Penghao Xiao Department of Physics & Atmospheric Science Dalhousie University	Reaction Rates under Applied Voltage/Electric-field -- Three levels of Theory	P. Zhang
Friday September 29 1:30 pm Room 226	Professor Caterina Ramogida Department of Chemistry Simon Fraser University	Production and Chelation of Exotic Radiometals for Theranostic Radiopharmaceuticals	C. Charron
Friday October 13 1:30 pm Via Zoom	Professor Han Xiao Departments of Chemistry & Biosciences Rice University	Bring the Power of Antibodies to the Bone	A. Baker
Friday October 20	Professor Scott Kroeker Department of Chemistry University of Manitoba	Built To Last: How NMR Spectroscopy is	J. Zwanziger

1:30 pm Room 226		Improving Nuclear Waste Glasses	
Friday October 27 1:30 pm Room 226	Professor Zac Hudson Department of Chemistry University of British Columbia	High-Performance Luminescent Materials Using Structural Constraint	S. Chitnis
Friday November 3 1:30 pm Room 226	Professor Jean-Baptiste d'Espinose Department of Chemistry SIMM laboratory ESPCI Paris - PSL University	The Chemistry of Low-CO ₂ Cements: the Role of the Activating Solution	J. Zwanziger
Friday November 10 1:30 pm Room 226	Professor Len Luyt Department of Chemistry The University of Western Ontario	Peptides: Transforming Natural Ligands into Therapeutics and Imaging Agents	C. Charron
Thursday November 16 1:30 pm Room 226	Professor Bruce A. Arndtsen Department of Chemistry McGill University	Alternative Energy Drivers in Palladium Catalyzed Coupling Reactions	M. Stradiotto
Friday November 17 1:30 pm Room 226 Cancelled	Professor Hemamala Karunadasa Department of Chemistry Stanford University	TBA	J. Zwanziger
Friday November 24 1:30 pm Room 226 Postponed	Professor Joonho Lee Department of Chemistry & Chemical Biology Harvard University	TBA	R. MacDonell
Friday December 1 1:30 pm Room 226	Professor Erin Leitao Chemical Sciences University of Auckland	Synthesizing a Circular Economy	S. Chitnis
Friday December 8 1:30 pm Room 226	Professor Teresa Head-Gordon Departments of Chemistry, Bioengineering, Chemical & Biomolecular Engineering University of California, Berkeley	Role of Interfaces and Electrostatics for Chemical Transformations	E. Johnson

Friday December 8 2:30 pm Room 226	Professor Martin Head-Gordon College of Chemistry University of California, Berkeley	In Search of Numbers and Insight: Analyzing Bonds and Intermolecular Interactions using Electronic Structure Calculations	E. Johnson
Friday January 12 1:30 pm Room 226	Dr. Andrew Burnie Senior Scientist Paraza Pharma	Paraza Pharma: Who We Are and What We Do	M. Stradiotto
Friday January 19 1:30 pm Room 226	Professor Peter Mahaffy Department of Chemistry The King's University, Alberta	Realizing the Role for Chemistry and Chemistry Education in the Emergence of Sustainability: A Systems Approach	M. Whalen
Friday January 26 1:30 pm Room 226	Professor Elizabeth Gillies Department of Chemical & Biochemical Engineering Western University	Self-immolative Polymers: from Synthesis to Applications	A. Baker
Friday February 9 1:30 pm Room 226	Professor Timothy A. Su Department of Chemistry University of California, Riverside	Silicon Diamondoids: Atomically Precise Clusters of Crystalline Silicon	S. Chitnis
Friday February 16 1:30 pm Room 226	Professor Joonho Lee Department of Chemistry & Chemical Biology Harvard University	Recent Progress in AFQMC at the Intersection between Quantum Chemistry and Quantum Information Science	R. MacDonell
Friday February 23 1:30pm Virtual	Professor Nathan Wiebe Department of Computer Science University of Toronto	Efficient Simulations of Molecular Dynamics on Quantum Computers	R. MacDonell
Friday March 8 1:30 pm Room 226	Professor Mike A. Robb Department of Chemistry Imperial College, London, UK	Controlling the Electrons in Excited State Chemistry (Attochemistry)	R. MacDonell
Friday March 15 1:30 pm Room 226	Professor Bulent Mutus Department of Chemistry & Biochemistry University of Windsor	Development of Fluorescent Probes for Diverse Molecules	A. Thompson

Friday March 22 1:30 pm Room 226	Professor James A. Davey Department of Biochemistry & Molecular Biology Dalhousie University	Development of Computational and Experimental Tools for Protein Systems Engineering	C. Charron
Wednesday March 27 1:30 pm Room 226	Professor Karen Waldron Department of Chemistry University of Montreal	Crosslinked Proteolytic Enzymes for Microscale Proteomics Applications: A Two-Decade Journey	A. Doucette
Friday April 5 1:30 pm Room 226	Professor Sophie Rousseaux Department of Chemistry University of Toronto	New developments in Ni-catalyzed Transnitration	M. Stradiotto
Friday April 12 1:30 pm Room 226	Professor Matthew J. Harrington Department of Chemistry McGill University	Bio-inspired Materials Processing	A. Baker

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Date	Speaker/ Institute	Title/ Sponsorship	Time and Place
Thursday July 28	Professor Erika Merschrod Department of Chemistry Memorial University https://www.mun.ca/faculty/emerschrod/	Better Living Through Ungrading: practical approaches that improve instructor and student experience	Chemistry 226 11:00 am Host: M. Dasog
Thursday August 4	Professor Paul Hayes Department of Chemistry & Biochemistry University of Lethbridge https://www.ulethbridge.ca/artsci/chemistry-biochemistry/paul-hayes	Phosphazides: A New Functional Group for Ligand Design	Chemistry 226 11:00 am Host: A. Speed

Date	Speaker/ Institute	Title/ Sponsorship	Time and Place
Wednesday August 17	Professor Marc-André Légaré Department of Chemistry McGill University https://www.mcgill.ca/chemistry/faculty/marc-andre-legare	Main Group Ambiphiles: Metal-Free Catalysis and Small Molecule Activation using Main Group Elements	11:00 am Chemistry 226 Host: S. Chitnis
Friday September 9	Professor Rajendra S. Ghadwal Department of Chemistry Bielefeld University, Germany https://www.ghadwalgroup.de/	Stable Main-Group Radicals and Diradicals Based on Unconventional Carbon-Donor Frameworks	1:30 pm Chemistry 226 Host: S. Chitnis
Friday September 23	Dr. Clint James Paraza Pharma	CANCELLED	1:30 pm Chemistry 226 Host: Erin Welch
Wednesday September 28	Professor Saurabh Chitnis Department of Chemistry Dalhousie University https://www.dal.ca/faculty/science/chemistry/faculty-staff/our-faculty/schitnis.html	Novel Catalysts & Materials through Geometric Thinking	1:30 pm Chemistry 226 Host: N.P. Schepp
Friday September 30	Holiday		
Friday October 7	Professor Rebecca Davis Department of Chemistry University of Manitoba https://sci.umanitoba.ca/chemistry/profiles/rebeccadavis	Exploring and Exploiting Reactive Intermediates in Aminocatalysis	1:30 pm Chemistry 226 Host: E. Johnson
Friday October 14	Professor John P. Richard Department of Chemistry University at Buffalo https://arts-sciences.buffalo.edu/chemistry/faculty/faculty-directory/richard.html	The Enabling Role of Ligand-driven Conformational Changes in Enzyme Catalysis	1:30 pm Chemistry 226 Host: S.L. Bearne
Friday October 21	Dr. Beth Mason CEO Vershuren Centre Cape Breton University https://www.verschurencentre.ca/	Analytical Chemistry Tools to Drive Functional Foods for Disease Mitigation	1:30 pm Chemistry 226 Host: A.A. Doucette
Friday October 28	Professor Christopher Caputo Department of Chemistry York University https://www.yorku.ca/science/profiles/faculty/christopher-caputo/	Phosphines and Boranes and Dyes, Oh My! How Structure and Bonding Affect Properties	1:30 pm Chemistry 226 Host: A. Speed
Friday November 4	Professor Vahid Adibnia Department of Applied Oral Sciences Dalhousie University https://www.adiblab.com/team	Biosourced and Bioinspired Polymeric Biomaterials: Towards Sustainable Design of Medical Devices	1:30 pm Chemistry 226 Host: N.P. Schepp

Date	Speaker/ Institute	Title/ Sponsorship	Time and Place
Friday November 11	Remembrance Day		
Friday November 18	Professor Brigitte Guerin Department of Nuclear Medicine & Radiobiology University of Sherbrooke https://www.usherbrooke.ca/recherche/specialistes/details/brigitte.guerin2	New PET Tracers and Radioligands - From Production to Translation	Zoom 1:30 pm Host: C. Charron
Friday November 25	Professor Viola Ingrid Birss Department of Chemistry University of Calgary https://science.ucalgary.ca/chemistry/viola-ingrid-birss	Novel Nanostructured Carbons for Electrochemical Energy Applications	1:30 pm Chemistry 226 Host: H. Andreas
Friday December 2	Professor Gabriel Ménard Department of Chemistry University of Calgary https://science.ucalgary.ca/chemistry/contacts/gabriel-menard	Selective Electrochemical Capture and Release of Energy Metals Using Carboranes	1:30 pm Chemistry 226 Host: S. Chitnis
Tuesday December 6	Professor E. Bradley Easton Department of Chemistry Faculty of Science Ontario Tech University https://sites.google.com/ontariotechu.net/easton/group	Doped Metal Oxides for Carbon-free Fuel Cell Catalyst Layers	1:30 pm Chemistry 226 Host: H. Andreas
Friday January 13	Professor Teresa Head-Gordon Departments of Chemistry, Bioengineering, Chemical & Biomolecular Engineering University of California, Berkeley https://chemistry.berkeley.edu/faculty/chem/teresa-head-gordon	Role of Interfaces and Electrostatics for Chemical Transformations Cancelled	1:30 pm Chemistry 226 Host: E. Johnson
Friday January 20	Professor Josef Zwanziger Department of Chemistry Director, Dalhousie University NMR-3 Centre https://www.dal.ca/faculty/science/chemistry/faculty-staff/our-faculty/josef-zwanziger.html	A New Way to Compute (and Interpret) NMR Chemical Shifts	1:30 pm Chemistry 226 Host: E. Johnson
Friday January 27	Professor James P. Morken Department of Chemistry Boston College https://www.bc.edu/bc-web/schools/mcas/departments/chemistry/people/faculty-directory/james-morken.html	New Strategies in Enantioselective Catalytic Synthesis with Organoboron Reagents	On-line 1:30 pm Host: A. Speed
Friday February 3	Munro Day		

Date	Speaker/ Institute	Title/ Sponsorship	Time and Place
Friday February 10			
Friday February 17	Professor Pengfei (Frank) Huo Department of Chemistry University of Rochester https://www.sas.rochester.edu/chm/people/faculty/huo-pengfei/index.html	New Reactivities Enabled by Polariton Chemistry and Cavity Quantum Electrodynamics	1:30 pm Chemistry 226 Host: Ryan MacDonell
Friday February 24	Reading week		
Friday March 3	Professor Ashlee Howarth Departments of Chemistry & Biochemistry Concordia University https://www.concordia.ca/artsci/chemistry/faculty.html?pid=ashlee-howarth	Exploring the Complex Structural Landscape and Potential Applications of Rare- Earth Metal–Organic Frameworks	1:30 pm Chemistry 226 Host: M. Dasog
Friday March 10	Professor Scott Taylor Department of Chemistry University of Waterloo https://uwaterloo.ca/chemistry/people-profiles/scott-taylor	Synthesis and Mechanism of Action Studies on the Cyclic Lipodepsipeptide Antibiotic Daptomycin	1:30 pm Chemistry 226 Host: C. Charron
Friday March 17	Professor Nick Vukotic Department of Chemistry & Biochemistry University of Windsor https://www.uwindsor.ca/science/chemistry/549/faculty-dr-nick-vukotic	Designing Crystalline Drug Release Matrix Materials via Coordination Chemistry	1:30 pm Chemistry 226 Host: E. Johnson
Friday March 24	Professor Anna Klinkova Department of Chemistry University of Waterloo https://uwaterloo.ca/chemistry/people-profiles/anna-klinkova	Structural Complexity in Synthetic Nanoscale Electrocatalysts	1:30 pm Chemistry 226 Host: M. Dasog
Friday March 31	Professor Frank Wuest Department of Oncology University of Alberta https://www.albertaneuro.ca/membership/connect/frank-wuest/	Transition Metal- mediated Chemistry with Short-lived Positron Emitters 11C and 18F	1:30 pm Chemistry 226 Host: C. Charron
Friday April 7			
Friday April 14	Professor Basile Curchod Department of Chemistry University of Bristol https://www.bristol.ac.uk/people/person/Basile-Curchod-9b73fea1-c189-48b1-a3d9-052a7544e367/	Photochemistry from a Theoretical and Computational Perspective	1:30 pm Chemistry 226 Host: Ryan MacDonell

Date	Speaker/ Institute	Title/ Sponsorship	Time and Place
Friday April 21	Professor Georgii Nikonov Department of Chemistry Brock University https://brocku.ca/mathematics-science/chemistry/georgii-nikonov/	Ge(0) Compound with Ambiphilic Reactivity	1:30 pm Chemistry 226 Host: S. Chitnis
Friday May 26	Professor R. Tom Baker Department of Chemistry University of Ottawa https://science.uottawa.ca/chemistry/people/baker-r-tom	Need a hand with that? Mechanistic Approaches to Ligand- assisted First Row Metal Catalysis	1:30 pm Chemistry 226 Host: L. Turculet
Wednesday June 14	Professor Rainer Streubel Department of Chemistry University of Bonn https://www.chemiebn.uni-bonn.de/akstreubel/prof.-dr.-streubel	Chemistry of tricyclic 1,4-diphosphinines and bis(N-heterocyclic carbenes)	1:30 pm Chemistry 226 Host: C. Macdonald

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Friday September 10	Professor Mita Dasog Department of Chemistry Dalhousie University https://www.dal.ca/faculty/science/chemistry/faculty-staff/our-faculty/mita-dasog.html	Refractory Plasmonic Nanostructures: Exploring Uncharted Territory	1:30 pm Host: N. Schepp
Friday September 17	Professor Zachary K. Wickens Department of Chemistry University of Wisconsin-Madison https://www2.chem.wisc.edu/users/zwickens	Selective Synthesis using Light and Electricity	1:30 pm Host: A. Speed
Friday September 24	Professor David Herbert Department of Chemistry University of Manitoba https://sci.umanitoba.ca/chemistry/profiles/davidherbert	Benzannulated Aromatic <i>N</i> - Heterocycles and their Coordination Complexes	1:30 pm Host: L. Turculet

Date	Speaker/ Institute	Title/ Sponsorship	Time and Place
Friday October 1	Professor Scott C. Warren Department of Chemistry University of North Carolina https://chem.unc.edu/faculty/warren-scott/	Electron Transfer without Redox: A New Paradigm for Energy Storage	1:30 pm Host: E. Johnson
Friday October 8	Professor Simon Aldridge Department of Chemistry University of Oxford https://www.chem.ox.ac.uk/people/simon-aldridge#/#/	Making and Breaking Chemical Bonds with Electron-rich Main Group Compounds	1:30 pm Host: S. Chitnis
Friday October 15	Professor E. Charles Sykes Department of Chemistry Tufts University https://chem.tufts.edu/people/faculty/e-charles-sykes	Single-Atom Alloy Catalysts: Born in a Vacuum, Tested in Reactors, and Understood In Silico	1:30 pm Host: P. Zhang
Friday October 22	Professor Etienne Caron Department of Pathology & Cell Biology University of Montreal https://www.chusj.org/Bio?id=fcd49543-e878-47e8-ba8e-4e8757bbad0b&lang=en	Deciphering the Immuno-peptidomic Landscape of COVID- 19 Disease	1:30 pm Host: A.A. Doucette
Friday October 29	Professor Suzanne Bart Department of Chemistry Purdue University https://www.chem.purdue.edu/people/profile/sbart	Building Unprecedented Uranium-Nitrogen Multiple Bonds	1:30 pm Host: A. Speed
Friday November 5	Professor Michelle Adams School for Resource & Environmental Studies Dalhousie University https://www.dal.ca/faculty/management/sres/faculty-staff/our-faculty/michelle-adams.html	Mitigating the Socio- environmental Trade- offs of Clean Tech Development	1:30 pm Host: M. Freund
Friday November 12	Professor David M. Perrin Department of Chemistry The University of British Columbia https://www.chem.ubc.ca/david-perrin	From Curiosity to Need: The First Total Synthesis of Alpha- amanitin and Related Challenges to Creating Order in Bioactive Peptides	1:30 pm Host: D.L. Jakeman
Friday November 19	Professor Mark E. Tuckerman Department of Chemistry & Courant Institute of Mathematical Sciences New York University https://as.nyu.edu/content/nyu-as/as/faculty/mark-e-tuckerman.html	Topology, Molecular Simulation, and Machine Learning as Routes to Prediction of Structure and Phase Behavior in Atomic and Molecular Crystals	1:30 pm Host: E. Johnson
Friday November 26	Professor Sophie Rousseaux Department of Chemistry University of Toronto https://www.chemistry.utoronto.ca/people/directories/all-faculty/sophie-rousseau	New Strategies for the Synthesis of Small Rings and Nitriles	1:30 pm Host: M. Stradiotto

Date	Speaker/ Institute	Title/ Sponsorship	Time and Place
Friday December 3	Professor Alison Scott Department of Process Engineering & Applied Science Dalhousie University https://www.dal.ca/faculty/engineering/peas/faculty-staff/our-faculty/AllisonScott.html	The Power of Statistical Design and Analysis in the Pursuit of Tailor- Made Polymeric Materials	1:30 pm Host: M. Stradiotto
Friday December 10	Professor Chongyin Yang Department of Physics & Atmospheric Science Dalhousie University https://www.dal.ca/faculty/science/physics/faculty-staff/Faculty/Chongyin_Yang.html	High-energy Aqueous Li-ion Battery Enabled by “Water- in-salt” Electrolyte	1:30 pm Host: A. Thompson
Friday December 17	Professor Robert A. DiStasio Jr. Department of Chemistry & Chemical Biology Cornell University https://chemistry.cornell.edu/robert--distasio-jr	How Dimensionality, Topology, and Void S pace Influence the va n der Waals Scaling L andscape across the N anoscale	1:30 pm Host: E. Johnson
Friday January 7	Professor Stephen Newman Department of Chemistry University of Ottawa https://science.uottawa.ca/chemistry/people/newman-stephen	Engaging Esters, Aldehydes, and Alcohols in Cross- coupling Reactions	1:30 pm Host: M. Stradiotto
Friday January 14	Professor Paul J. Chirik Department of Chemistry Princeton University https://chemistry.princeton.edu/faculty/chirik	The Organometallic Chemistry of Chemically Recyclable Plastics	1:30 pm Host: Erin Welsh Grad student
Friday January 21	Professor David Palmer Department of Chemistry University of Saskatchewan https://artsandscience.usask.ca/profile/DPalmer	Practical Synthetic Applications of a Versatile Aldolase (Biocatalysis for Beginners)	1:30 pm Host: D.L. Jakeman
Friday January 28	Professor Joan Brennecke McKetta Department of Chemical Engineering The University of Texas at Austin http://www.che.utexas.edu/people/faculty/brennecke	Ionic Liquids for Lower Energy Chemical Separations	1:30 pm Host: Sarah Martell Grad Student & President of the Green Chemistry Institute
Friday February 4	Munro Day		
Friday February 11	Professor Christine Caputo Department of Chemistry University of New Hampshire https://ceps.unh.edu/person/christine-caputo	Molecules + Materials: New Approaches to Solar Fuels Synthesis	1:30 pm Host: M. Dasog
Friday February 25	Reading week		

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Friday March 11	Matt Adams Research Scientist BioVectra https://ca.linkedin.com/in/matt-adams-146513a4	Flow Chemistry in the Synthesis and Scale- up of Pharmaceuticals	1:30 pm Host: Erin Welsh
Friday March 18	Professor Jean-Francois Paquin Department of Chemistry Laval University http://www2.chm.ulaval.ca/jfpaquin/biographie_en.html	Recent Advances in the Synthesis of SF ₅ - containing Molecules	1:30 pm Host: A. Speed
Tuesday June 28	Professor Shuhui Sun The Center for Energy, Materials and Telecommunications Institut National de la Recherche Scientifique (INRS) Montréal, Canada https://inrs.ca/en/research/professors/shuhui-sun/	Rational Design of Nanomaterials for Next-Generation Fuel Cells and Batteries	Chemistry 226 1:30 pm Host: P. Zhang

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Friday September 11	Professor Florence Williams Department of Chemistry University of Iowa https://chem.uiowa.edu/people/florence-williams	Structure-Activity Relationship of Neurotrophic Phenylbutenoid Dimers and Progress Towards Uncovering Mechanism of Action	1:30 pm Host: A. Thompson
Friday September 18	Professor Tao Huan Department of Chemistry The University of British Columbia https://www.chem.ubc.ca/tao-huan	Addressing Big Data Challenges in Mass Spectrometry-Based Metabolomics	1:30 pm Host: A. Doucette
Friday September 25	Professor Brian P. Timko Department of Biomedical Engineering Tufts University http://sites.tufts.edu/timkolab/http://sites.tufts.edu/timkolab/	Bioelectronics in Tissue Engineering and Disease Modeling	1:30 pm Host: M. Freund
Friday October 2	Professor Katherine Elvira Department of Chemistry University of Victoria http://web.uvic.ca/~kelvira/	Artificial Cells and Microfluidic Technologies for Drug Discovery	1:30 pm Host: A. Thompson

Date	Speaker/ Institute	Title/ Sponsorship	Time and Place
Friday October 9	Professor David Gonzalez Department of Organic Chemistry University of the Republic Montevideo, Uruguay https://www.researchgate.net/profile/David_Gonzalez3 https://www.researchgate.net/profile/David_Gonzalez3	Biocatalysis and Green Chemistry for the Preparation of Complex Molecular Structure	1:30 pm Host: Tina Taskovic
Friday October 16	Professor Christopher Wiebe Department of Chemistry The University of Winnipeg https://quantummaterials.weebly.com/prof-chris-wiebe.html	Magnetic Monopoles under Pressure: Exotic Magnetism in Spin Ice Pyrochlores	1:30 pm Host: M. Dasog
Friday October 23	Professor Drew Marquardt Department of Chemistry & Biochemistry University of Windsor https://www.uwindsor.ca/science/chemistry/470/faculty-drew-marquardt	Mechanism Determination of the Effects of Pancratistatin on Model Mitochondrial Membranes	1:30 pm Host: J.W. Zwanziger
	Atlantic: 1:30 pm Eastern: 12:30 pm Central: 11:30 am Mountain: 10:30 am Pacific: 9:30 am		
Friday November 6	Professor Tara F. Kahan Department of Chemistry University of Saskatchewan https://research-groups.usask.ca/kahan/tara-kahan.php	Environmental Chemistry on Ice: Reaction Kinetics and Spectromicroscopic Characterization of Ice Surfaces	1:30 pm Host: R. Chisholm
Friday November 13	Professor Dajana Vuckovic Departments of Chemistry & Biochemistry Concordia University https://www.concordia.ca/next-gen/vuckovic.html	New Advances in LC- MS Lipidomics for Biomedical Applications	1:30 pm Host: A.A. Doucette
Friday November 20	Professor David Leitch Department of Chemistry University of Victoria https://www.uvic.ca/science/chemistry/people/faculty/david_leitch.php	Developing Catalytic and Flow Processes for Synthesizing Active Pharmaceutical Ingredients – Perspectives from an Industrial-Turned- Academic Chemist	1:30 pm Host: M. Stradiotto

Date	Speaker/ Institute	Title/ Sponsorship	Time and Place
Friday November 27	Professor Prashant Jain Department of Chemistry The University of Illinois at Urbana-Champaign https://chemistry.illinois.edu/jain	Harnessing Chemical Potential from Light	1:30 pm Host: M. Dasog
Friday December 4	Professor David C. Powers Department of Chemistry Texas A&M University https://www.powerschemistry.com/	Development of High- Valent Aerobic Oxidation Catalysis	1:30 pm Host: A. Speed
Friday December 11	Professor Christina Woo Department of Chemistry & Chemical Biology Harvard University http://www.woolab.org/	Discovery of Binding Site Hotspots in Cells	1:30 Host: A. Speed
	Note to future speakers: Please block 1:30-3:30 Atlantic time for your talk and discussion to follow with members of the dept.		
Friday January 8	Professor Russ Algar Department of Chemistry The University of British Columbia https://www.chem.ubc.ca/russ-algar	The Right Tool for the Job: Optimum Fluorescent Materials and Bioconjugates for Smartphone-based Bioanalysis	1:30 pm Host: R. Chisholm
Friday January 15	Professor Etienne Caron Department of Chemistry University of Montreal https://www.chusj.org/Bio?id=fcd49543-e878-47e8-ba8e-4e8757bbad0b&lang=en	Immunopeptidomics to Support T cell Epitope Discovery and COVID-19 Vaccine Efficacy	1:30 pm Host: A.A. Doucette
Friday January 22	Professor Ellen Sletten Department of Chemistry University of California Los Angeles https://www.chemistry.ucla.edu/directory/sletten-ellen-m	Multiplexed in Vivo Imaging with Near and Shortwave Infrared Polymethine Fluorophores	1:30 pm Host: A. Speed

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Friday January 29	Professor Sally Price Dept. of Chemistry University College London http://www.chem.ucl.ac.uk/cposs/people/Sally.html	The Crystallisation of Organic Molecules - a Challenge to Theory and Experiment	1:30 pm Hosts: K. Marczenko and A. Price
Friday February 5	Munro Day		
Friday February 12	Professor Tomislav Rovis Department of Chemistry Columbia University https://chem.columbia.edu/people/faculty/tomislav-rovis/	New Tools for Catalysis	1:30 pm Host: A. Speed
Friday February 19	Professor Eva Hemmer Department of Chemistry & Biomolecular Science University of Ottawa https://science.uottawa.ca/chemistry/people/hemmer-eva	Lanthanide Luminescence and More: Exploring Lanthanide-based Features in Materials and Molecules	1:30 pm Host: M. Dasog
Friday February 26	Professor Jennifer Chen Department of Chemistry York University https://www.physics.yorku.ca/faculty-profiles/chen-jennifer/	Plasmonic and Photonic Nanomaterials for Sensing and Energy Conversion	1:30 pm Host: M. Freund
Friday March 5	Professor Parisa Mehrkhodavandi Department of Chemistry The University of British Columbia https://www.chem.ubc.ca/parisa-mehrkhodavandi	Using Cationic Indium Catalysts to Generate Functionalized Copolymers from Commodity Monomers	1:30 pm Host: S. Chitnis
Friday March 19	Professor Paul Johnson Department of Chemistry Université Laval https://www.chm.ulaval.ca/departement-et-professeurs/professeurs-et-personnel/professeurs/fiche/show/johnson-paul-a/	Simple Treatment of Strong Electron Correlation	1:30 pm Host: E.R. Johnson
Friday April 2	Easter		

Date	Speaker/ Institute	Title/ Sponsorship	Time and Place
Friday April 9	Professor Rebekka Klausen Department of Chemistry Johns Hopkins University https://chemistry.jhu.edu/directory/rebekka-klausen/	Atomistic Control of Complex Polysilanes	1:30 pm Host: S. Chitnis
Friday April 16	Professor Lee M. Thompson Department of Chemistry University of Louisville https://louisville.edu/chemistry/faculty/lee-thompson	Excited Electronic States with the Resonant Hartree-Fock Approach	1:30 pm Host: E.R. Johnson
Friday May 7	Professor Michael Metzger Department of Physics & Atmospheric Science Dalhousie University https://www.dal.ca/faculty/science/physics/faculty-staff/Faculty/Michael_Metzger.html	Battery Research for Sustainable Energy, Mobility, and Water	1:30 pm Host: A. Thompson

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Friday September 6	Professor Charles Sykes Department of Chemistry Tufts University https://chem.tufts.edu/faculty/sykes/	Single-Atom Alloy Catalysts: Born in a Vacuum, Tested in Reactors, and Understood In Silico	1:30 pm Chemistry 226 Host: P. Zhang
Friday September 13	Dr. Jeffrey Albert IntelliSyn Pharma Inc Montreal https://ca.linkedin.com/in/jeffreyalbert	Successful Drug Discovery: Combining Excellence in Design and Excellence in Synthesis	1:30 pm Chemistry 226 Host: A. Speed

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Friday September 20	Professor Arend G. Dijkstra School of Chemistry University of Leeds https://physicalsciences.leeds.ac.uk/staff/1288/dr-arend-g-dijkstra	Shining Light on Large Molecular Complexes	1:30 pm Chemistry 226 Host: A. Kelly
Friday September 27	Dr. Jason Burch Ventus Therapeutics Montreal	Discovery of Doravirine: a Non-nucleoside Reverse Transcriptase Inhibitor for the Treatment of HIV	1:30 pm Chemistry 226 Host: D.L. Jakeman
Monday September 30	Professor Alex Speed Department of Chemistry Dalhousie University https://www.dal.ca/faculty/science/chemistry/faculty-staff/our-faculty/alexspeed0.html	The Evolution of Asymmetric Reduction Catalysts with Active Phosphorus Hydrogen Bonds	1:30 pm Chemistry 226 Host: N.P. Schepp
Friday October 4	Professor P. Andrew Evans Department of Chemistry Queen's University https://www.chem.queensu.ca/evans-p-andrew	Stereoselective Construction of Challenging C-C Bonds: Total Synthesis of Complex Bioactive Agents	1:30 pm Chemistry 226 Host: A. Speed
Friday October 11	Professor David J. Nelson Department of Chemistry University of Strathclyde https://www.strath.ac.uk/staff/nelsondaviddr/	Understanding Reaction Mechanisms and Structure/Reactivity Relationships in Oxidative Addition to Nickel(0): Implications for Cross-Coupling Catalysis	1:30 pm Chemistry 226 Host: M. Stradiotto
Friday October 18	Professor Laura Turculet Department of Chemistry Dalhousie University https://www.dal.ca/faculty/science/chemistry/faculty-staff/our-faculty/laura-turculet.html	Si in Ligand Design: Novel Structure and Reactivity Involving Transition Metal silyl Pincer Complexes	1:30 pm Chemistry 226 Host: N.P. Schepp
Friday October 25	Dr. Kimberly A. McManus Partner/Patent Agent Aird McBurney https://www.airdberlis.com/people/bio/kimberly-a-mcmanus	Process for Making a Patent Agent: Step 1- Obtain a Dalhousie Chemistry Degree Carl C. Coffin Lecture	1:30 pm Chemistry 226 Host: N.P. Schepp
Friday November 1	Professor Eric Rivard Department of Chemistry University of Alberta https://www.ualberta.ca/science/about-us/contact-us/faculty-directory/eric-rivard	FLPs, Silylenes, and Polymers Containing Heavy Main Group Elements	1:30 pm Chemistry 226 Host: S. Chitnis

Date	Speaker/ Institute	Title/ Sponsorship	Time and Place
Friday November 8	<p>Professor Joseph A. Schwarcz Department of Chemistry McGill University</p> <p>https://www.mcgill.ca/oss/joe-schwarcz-phd-director</p>	<p>Walter J. Chute Research Lecture The Challenge Of Separating Sense From Nonsense</p> <p>Walter J. Chute Public Lecture Nutritional Advice-Is There a Solution to The Confusion?</p>	<p>1:30 pm Chemistry 226 Host: N.P. Schepp</p> <p>5:30 pm Scotiabank Auditorium Host: N.P. Schepp</p>
Friday November 15	<p>Professor Johanna M. Blacquiere Department of Chemistry Western University</p> <p>https://www.uwo.ca/chem/people/faculty/blacquiere.htm</p>	<p>Proton- and Structurally- Responsive Ligands for Catalysis</p>	<p>1:30 pm Chemistry 226 Host: M. Stradiotto</p>
Friday November 22	<p>Professor Cathleen Crudden Department of Chemistry Queen's University</p> <p>https://www.chem.queensu.ca/crudden-cathleen</p>	<p>Metal catalysts, clusters and surfaces: Catalytic preparation of chiral bio-molecules and the chemistry of carbon-based monolayers</p>	<p>1:30 pm Chemistry 226 Host: M. Stradiotto</p>
Monday November 25	<p>Professor David L. Zechel Department of Chemistry Queen's University</p> <p>https://www.chem.queensu.ca/zechel-david</p>	<p>Genomics Driven Discovery of New Enzyme Reactions and Molecules</p>	<p>1:30 pm Chemistry 226 Host: D.L. Jakeman</p>
Friday November 29	<p>Professor Robert A. Britton Department of Chemistry Simon Fraser University</p> <p>https://www.sfu.ca/chemistry/people/profiles/rbritton.html</p>	<p>New Strategies for the Synthesis of Carbohydrate and Nucleoside Analogues and a New Family of 18F- Labelled Amino Acids for Oncological PET Imaging</p>	<p>1:30 pm Chemistry 226 Host: A. Thompson</p>
Friday December 6	<p>Professor Adrian L. Schwan Department of Chemistry University of Guelph</p> <p>http://www.chembio.uoguelph.ca/cgi-bin/uchem.exe?ac=v_page&pa=Y17DY7_x</p>	<p>Stereoselection, Synthesis and Computation in the Evaluation of Sulfenic Acid Anion Chemistry</p>	<p>1:30 pm Chemistry 226 Host: A. Thompson</p>
Monday December 9	<p>Professor Peter de B. Harrington Department of Chemistry Ohio University</p> <p>https://www.ohio.edu/cas/peter-harrington</p>	<p>Chemometrics for the Masses: How to Painlessly Improve Your Science</p>	<p>1:30 pm Chemistry 226 Host: P. Wentzell</p>

Date	Speaker/ Institute	Title/ Sponsorship	Time and Place
Friday January 17	Professor Kathryn E. Preuss Department of Chemistry University of Guelph http://www.chembio.uoguelph.ca/cgi-bin/uchem.exe?ac=v_page&pa=MMI067	Dimer's are a Girl's Best Friend: How Dimerization of Organic Radicals Leads to Interesting Magnetic Behaviour	1:30 pm Chemistry 226 Host: E. Johnson
Friday January 24	Professor Francesca M. Kerton Department of Chemistry Memorial University https://www.mun.ca/faculty/fkerton/	Chemistry of Renewable Carbon	1:30 pm Chemistry 226 Host: Tina Taskovic Grad Student
Monday January 27	Professor Tim Storr Department of Chemistry Simon Fraser University http://www.sfu.ca/chemistry/people/profiles/tsa34/	Advances in Ligand Design for Bioinorganic Chemistry Applications	1:30 pm Chemistry 226 Host: M. Stradiotto
Friday January 31	Professor Betar M. Gallant Department of Mechanical Engineering MIT http://meche.mit.edu/people/faculty/bgallant@mit.edu	Lithium Batteries: A Trajectory From Metal-Gas Reactions to Design of Improved Interfaces	1:30 pm Chemistry 226 Host: M. Dasog
Friday February 14	Professor Mary Anne White Department of Chemistry Dalhousie University https://www.dal.ca/faculty/science/chemistry/faculty-staff/our-faculty/adjunct-professors/mary-anne-white.html	Thermodynamic Stability of Carbon Allotropes: Repeating Lavoisier's experiment, but with a happier ending	1:30 pm Chemistry 226 Host: N.P. Schepp
Friday February 21	Professor Brett McCollum Department of Chemistry Mount Royal University https://www.mtroyal.ca/ProgramsCourses/FacultiesSchoolsCentres/ScienceTechnology/Departments/ChemistryPhysics/Faculty/scitech_chph_faculty_bmccollum	Representational Competencies and the Flipped Classroom: Redesigning the Learning Experience in Chemistry	1:30 pm Chemistry 226 Hosts: A. Crane & M. Whalen
Friday February 28	Professor M. Vicki Meli Departments of Chemistry & Biochemistry Mount Allison University https://www.mta.ca/Community/Bios/Vicki_Meli/Vicki_Meli/	Developing Insight and Intuition for the Interfacial Behaviour of Nanoparticles	1:30 pm Chemistry 226 Hosts: M. Dasog
Friday March 6	Professor Richard K. Brow Materials Science & Engineering Missouri University of Science & Technology https://mse.mst.edu/facultystaffandfacilities/brow/	Structure, Properties, and Biomedical Opportunities for Borophosphate Glasses	1:30 pm Chemistry 226 Host: J.W. Zwanziger
Friday March 13	Professor Jean-Francois Masson Department of Chemistry University of Montreal https://chimie.umontreal.ca/english/department-directory/professors/professor/in/in15380/sg/Jean-Fran%20C3%A7ois%20Masson/	Plasmonic Nanobiosensors: From Therapeutic Drug and Environmental Monitoring to Optophysiology of Living Cells	1:30 pm Chemistry 226 Host: P.D. Wentzell

Date	Speaker/ Institute	Title/ Sponsorship	Time and Place
Friday March 20	Professor Prashant K. Jain Department of Chemistry University of Illinois https://chemistry.illinois.edu/jain	Harnessing Chemical Potential from Light	1:30 pm Chemistry 226 Host: M. Dasog
Wednesday March 25	Professor Sophie Rousseaux Department of Chemistry University of Toronto https://www.chemistry.utoronto.ca/people/directories/all-faculty/sophie-rousseau	Strategies for Selective C–C and C–O Bond Cleavage in Cyclopropanols and Nitriles	1:30 pm Chemistry 226 Host: M. Stradiotto
Friday March 27	Professor Sally L. Price Chemistry Department University College London https://www.ucl.ac.uk/chemistry/people/professor-sarah-sally-l-price-frs	TBA	1:30 pm Chemistry 226 Host: Grad Students
Friday April 3	Professor Christina M. Woo Department of Chemistry & Chemical Biology Harvard University https://chemistry.harvard.edu/people/christina-woo	TBA	1:30 pm Chemistry 226 Host: A. Speed
Monday April 6	Professor Drew Marquardt Departments of Chemistry & Biochemistry University of Windsor http://www.uwindsor.ca/science/chemistry/470/faculty-drew-marquardt	Vitamin E and Bilayer Asymmetry: Neutrons Probing Different Membrane Problems Co-sponsored by CTRI	1:30 pm Chemistry 226 Host: J.W. Zwanziger
Wednesday April 15	Professor Tomislav Rovis Department of Chemistry Columbia University https://chem.columbia.edu/people/faculty/tomislav-rovis/	TBA	1:30 pm Chemistry 226 Host: A. Speed

July 1, 2018 – June 30, 2019

Date	Speaker/ Institute	Title/ Sponsorship	Time and Place
Friday September 7	Professor Janis Louie Department of Chemistry The University of Utah https://chem.utah.edu/directory/louie/	Adventures in Fe and Ni Catalysis	1:30 pm Chemistry 226 Host: M. Stradiotto
Friday September 14	Professor Roger Linington Department of Chemistry Simon Fraser University https://www.sfu.ca/chemistry/people/profiles/rliningt.html	Integrated Methods for Bioactive Natural Product Discovery	1:30 pm Chemistry 226 Host: A. Thompson
Wednesday September 19	Professor Stephen G. Newman Department of Chemistry University of Ottawa https://science.uottawa.ca/chemistry/people/newman-stephen	New Cross-Coupling Reactions by C-O Bond Activation: A High Throughput Approach to Reaction Discovery	1:30 pm Chemistry 226 Host: M. Stradiotto
Friday September 28	Professor Christopher N. Rowley Department of Chemistry Memorial University https://www.rowleygroup.net/blogpi/2017/7/1/christopher-rowley	The Right Method for the Right Problem: Modeling Ions, Membranes, and Covalent-Modifiers	1:30 pm Chemistry 226 Host: E. Johnson
October 19	Coffin Lecture	TBA	1:30 pm Chemistry 226 Host: N.P. Schepp
Friday October 26	Professor Barry A. Blight Department of Chemistry University of New Brunswick http://www.unb.ca/fredericton/science/depts/chemistry/people/blight.html	Using the Hydration of Zirconium MOFs to Develop New Functional Materials	1:30 pm Chemistry 226 Host: M. Dasog

Date	Speaker/ Institute	Title/ Sponsorship	Time and Place
Friday November 2	Sir Shankar Balasubramanian Department of Chemistry University of Cambridge https://www.ch.cam.ac.uk/person/sb10031	Walter J. Chute Research Lecture Research Lecture The Structure and Function of the DNA Quadruplex Helix - G Quadruplex Walter J. Chute Public Lecture Decoding Human Genomes on a Population Scale	1:30 pm Chemistry 226 Host: N.P. Schepp 5:00 pm Scotiabank Auditorium Host: N.P. Schepp
Friday November 9	Professor Samuel A. Johnson Department of Chemistry and Biochemistry University of Windsor http://cronus.uwindsor.ca/users/s/sjohnson/main.nsf/inToC/E639E0CDF0D162C985256BB2004C8FDE	The Fab Five: Cooperative C–H, C–S, C–C, and C–O Bond Activation by Nickel	1:30 pm Chemistry 226 Host: M. Stradiotto
Friday November 16	Professor Jeff R. Dahn Departments of Physics & Atmospheric Science and Chemistry Dalhousie University https://www.dal.ca/faculty/science/chemistry/faculty-staff/our-faculty/jeff-dahn.html	Challenge, Some Success, Heartbreak, More Success and Still Much More to be Done: A Personal Story About Positive Electrode Materials for Lithium-ion Batteries	1:30 pm Chemistry 226 Host: M. Obrovac
Wednesday November 21	Mr. Toby Bond Industrial Scientist Canadian Light Source Saskatoon https://ca.linkedin.com/in/toby-bond-353b8081	Inside the Black Box: The Power of In-Situ Synchrotron Techniques	1:30 pm Chemistry 226 Host: P. Zhang
Friday November 23	Professor Albert Stolor Departments of Chemistry & Physics University of Ottawa https://science.uottawa.ca/chemistry/people/stolor-albert	Coherent Nonlinear Optical Raman Microscopy: Label-free, Chemical-specific Imaging for Biology, Mineralogy and Material Science	1:30 pm Chemistry 226 Host: J.W. Zwanziger
Monday November 26	Professor Warren E. Piers Department of Chemistry University of Calgary http://contacts.ucalgary.ca/info/chem/profiles/145-629	First Row Transition Metal Complexes of a Dianionic Pentadentate Ligand: Metal Oxos, Oxylys and Hydroxides	1:30 pm Chemistry 226 Host: L. Turculet
Friday November 30	No seminar scheduled		
Wednesday December 5	Professor Himanshu Jain Materials Science and Engineering Lehigh University https://www.lehigh.edu/matsci/contact/index.htm	Driving ~Perfect Disorder to ~Perfect Order in Solids	1:30 pm Chemistry 226 Host: J.W. Zwanziger

Date	Speaker/ Institute	Title/ Sponsorship	Time and Place
Friday December 7	Professor Adam P. Willard Department of Chemistry MIT https://chemistry.mit.edu/profile/adam-p-willard/	The Statistical Mechanics of Hydrogen Bonding at the Liquid Water Interface	1:30 pm Chemistry 226 Host: A. Kelly
Friday December 14	Dr. Gregory Hughes Department of Process Chemistry Merck and Company	The Development of a Biocatalytic Approach to Unnatural Nucleosides Therapeutics	1:30 pm Chemistry 226 Host: M. Stradiotto
Friday January 11	Professor Sean Barry Department of Chemistry Carleton University https://carleton.ca/chemistry/people/barry-sean/	Organometallic Gold Compounds for Atomic Layer Deposition: How Do They Compare?	1:30 pm Chemistry 226 Host: E. Johnson
Friday January 18	Professor Alexander T. Radosevich Department of Chemistry MIT https://chemistry.mit.edu/profile/alexander-t-radosevich/	Geometric Deformation in the Design of Organophosphorus Catalysts	1:30 pm Chemistry 226 Host: A. Speed
Friday January 25	Professor Eva Zurek Department of Chemistry University at Buffalo The State University of New York http://chemistry.buffalo.edu/people/zurek/	Chemistry Under Pressure	1:30 pm Chemistry 226 Host: E. Johnson
Thursday January 31	Professor Hiroshi Naka Research Center for Materials Science Nagoya University https://www.researchgate.net/profile/Hiroshi_Naka2	(Photo)catalytic Conversion of Water and Alcohols for Selective Chemical Synthesis	1:30 pm Chemistry 226 Host: M. Stradiotto
Friday February 1	Munro Day		
Friday February 8	Professor Robert H. Coridan Departments of Chemistry & Biochemistry University of Arkansas https://fulbright.uark.edu/departments/chemistry/directory/index/uid/rcoridan/name/Robert-Coridan/	All Else Being Equal: Hierarchical Structure in Electrochemical Materials	1:30 pm Chemistry 226 Host: M. Dasog
Friday February 15	Professor Curtis P. Berlinguette Departments of Chemistry and Chemical & Biological Engineering The University of British Columbia https://www.chem.ubc.ca/curtis-berlinguette	Ada: A Self-driving Laboratory for Accelerating Materials Discovery	1:30 pm Chemistry 226 Host: M. Freund
Friday February 22	Professor Ignacio Franco Departments of Chemistry and Physics University of Rochester https://www.chem.rochester.edu/groups/franco/?page_id=486	Molecules under Torture: Lasers, Forces, Voltages, and Beyond	1:30 pm Chemistry 226 Host: A. Kelly
Friday March 1	Professor Randall V. Martin Departments of Physics & Atmospheric Science and Chemistry Dalhousie University https://network.expertisefinder.com/experts/randall-martin	Two Short Stories in Atmospheric Chemistry and Planetary Health	1:30 pm Chemistry 226 Host: N.P. Schepp

Date	Speaker/ Institute	Title/ Sponsorship	Time and Place
Friday March 15	Professor Glen Briand Department of Chemistry Mount Allison University https://www.mta.ca/Community/Bios/Glen_Briand/Glen_Briand/	Exploring the Coordination Chemistry and Reactivity of Heavy Main Group Metal Complexes	1:30 pm Chemistry 226 Host: A. Speed
Monday March 18	Professor Lisa Rosenberg Department of Chemistry University of Victoria http://web.uvic.ca/~lisarose/	Diverse Roles of the M-PR ₂ Fragment in Homogeneous Catalysis	1:30 pm Chemistry 226 Host: L. Turculet
Friday March 22	Professor Leonard R. MacGillivray Department of Chemistry University of Iowa https://chem.uiowa.edu/people/leonard-r-macgillivray	Crystal Engineering the Covalent Bond: Opportunities in Organic Synthesis and Materials Science	1:30 pm Chemistry 226 Host: E. Johnson
Friday March 29	Professor Robert W. Schurko Departments of Chemistry and Biochemistry University of Windsor http://www.uwindsor.ca/science/chemistry/476/faculty-robert-w-schurko	NMR Across the Periodic Table: Observing "Invisible" Nuclides in Solid Materials	1:30 pm Chemistry 226 Host: J.W. Zwanziger
Friday April 5	Professor Robert R. Knowles Department of Chemistry Princeton University https://chemistry.princeton.edu/faculty/knowles	Proton-Coupled Electron Transfer in Organic Synthesis	1:30 pm Chemistry 226 Host: A. Speed
Friday April 12	Professor Audrey Moores Department of Chemistry McGill University https://www.mcgill.ca/chemistry/faculty/moores	Solvent-free Approaches to Nanoparticles Synthesis and Polymer Functionalization and Plasmonic Catalytic Hydrogenation Reactions	1:30 pm Chemistry 226 Host: M. Dasog
Thursday May 23	Professor Sarah Styler Department of Chemistry University of Alberta https://www.ualberta.ca/science/about-us/contact-us/faculty-directory/sarah-styler	Dirty Cities and Smoky Skies: Chemistry and Photochemistry at the Surface of Tomorrow's Urban Particulate Matter	1:30 pm Chemistry 226 Host: M. Dasog
Monday June 24	Professor Irina Paci Department of Chemistry University of Victoria https://www.uvic.ca/science/chemistry/people/faculty/irina_paci.php	Modelling of Nanostructured Materials: Capabilities and Challenges	1:30 pm Chemistry 226 Host: E. Johnson

July 1, 2017 – June 30, 2018

Date	Speaker/ Institute	Title/ Sponsorship	Time and Place
Wednesday July 19	Professor Laurel L. Schafer Department of Chemistry The University of British Columbia https://www.chem.ubc.ca/laurel-schafer	Early Transition Metals in the Catalytic Synthesis of Amines and N-Heterocycles	2:30 pm Chemistry 226 Host: M. Stradiotto
Friday August 18	Professor Khaldun M. Al Azzam Visiting Scientist Al-Ghad International Colleges for Health Sciences, Saudi Arabia https://www.researchgate.net/profile/Khaldun_Al_Azzam2	Separation and Sample Preparation: Chromatographic and Electrophoretic Approaches	1:30 pm Chemistry 226 Host: A.A. Doucette
Tuesday August 22	Professor Ying S. Meng Jacobs School of Engineering UC San Diego http://jacobschool.ucsd.edu/faculty/faculty_bios/index.sfe?fmp_recid=284	From pico Wh to mega Wh – New Perspectives for Electrochemical Energy Storage	1:30 pm Chemistry 226 Host: M. Obrovac
Friday September 15	Professor Amir H. Hoveyda Department of Chemistry Boston College http://www.bc.edu/schools/cas/chemistry/people/faculty/hoveyda.html	Small-Molecule Organoboron Catalysts for Enantioselective Synthesis Chute Research Lecture Increasing Challenges in Catalytic Chemistry: Implications Regarding the Future Chute Public Lecture	1:30 pm Chemistry 226 Host: N.P. Schepp 7:30 pm Scotiabank Auditorium Host: N.P. Schepp Reception to follow
Friday September 22	Dr. Christopher O. Miles National Research Council Halifax https://www.researchgate.net/profile/Christopher_Miles	The Microcystin Group of Freshwater Algal Toxins, and the Role of the thia-Michael Reaction in their Toxicology, Metabolism and Analysis	1:30 pm Chemistry 226 Host: N.P. Schepp
Friday September 29	Professor Erin R. Johnson Department of Chemistry Dalhousie University https://www.dal.ca/faculty/science/chemistry/faculty-staff/our-faculty/Erin-Johnson.html	Dispersion-Corrected Density-Functional Theory, Molecular Crystals and Polymorphism	1:30 pm Chemistry 226 Host: N.P. Schepp

Date	Speaker/ Institute	Title/ Sponsorship	Time and Place
Friday October 13	Dr. Doug MacLaren Section Head ExxonMobil Research & Engineering Process Development Division https://ca.linkedin.com/in/doug-maclaren-19108015	Insights on a Career in Industrial R&D – Lessons Learned at Dalhousie Carl C. Coffin	1:30 pm Chemistry 226 Host: N.P. Schepp
Friday October 20	Professor Fikile R. Brushett Department of Chemical Engineering MIT https://www.acs.org/content/acs/en/pressroom/experts/fikile-brushett.html	Connecting System Targets with Material Properties: Application-informed Fundamental Science of Redox Flow Batteries	1:30 pm Chemistry 226 Host: J.R. Dahn
Friday October 27	Professor Graeme M. Day Department of Chemistry University of Southampton https://www.southampton.ac.uk/chemistry/about/staff/gmd1a11.page	Computational Approaches for the Prediction and Design of Functional Molecular Crystals	1:30 pm Chemistry 226 Host: E. Johnson
Friday November 3	Professor Viktor N. Nemykin Department of Chemistry University of Manitoba http://home.cc.umanitoba.ca/~nemykin/	Ferrocene-containing Porphyrins, Subphthalocyanines, BODIPYs, and Aza- BODIPYs for Molecular Electronics, Redox Activated Fluorescent Sensors, and Light-harvesting	1:30 pm Chemistry 226 Host: A. Thompson
Friday November 10	Professor Mark Nitz Department of Chemistry University of Toronto https://www.chem.utoronto.ca/ppl/faculty_profile.php?id=80	Chemical Biology Probes from the Bottom of the Periodic Table	1:30 pm Chemistry 226 Host: D.L. Jakeman
Friday November 17	Professor Dennis Hall Department of Chemistry University of Alberta https://www.ualberta.ca/science/about-us/contact-us/faculty-directory/dennis-hall	Exploiting Reversible B–O Bonds in Organocatalysis and Chemical Biology	1:30 pm Chemistry 226 Host: A. Speed
Friday November 24	Professor Pierre D. Harvey Department of Chemistry Sherbrooke University https://www.usherbrooke.ca/chimie/personnel/professeurs/professeurs/pierre-d-harvey/	When BODIPY and Porphyrin Work Together : From Molecular Models to Solar Cells	1:30 pm Chemistry 226 Host: A. Thompson
Wednesday November 29	Professor R. Tom Baker Department of Chemistry University of Ottawa http://mysite.science.uottawa.ca/rbaker/ProfBaker.html	Base Metal Catalysis Approaches to Greener Hydrofluorocarbon Synthesis	1:30 pm Chemistry 226 Host: M. Stradiotto
Friday December 1	Professor Timothy Berkelbach Department of Chemistry The University of Chicago http://berkelbachgroup.uchicago.edu/	Quantum Chemistry for Condensed-phase Spectroscopy	1:30 pm Chemistry 226 Host: A. Kelly

Date	Speaker/ Institute	Title/ Sponsorship	Time and Place
Wednesday December 6	Professor Jennifer Love Department of Chemistry University of British Columbia https://www.chem.ubc.ca/jennifer-love	Developing Catalytic Reactions One Step at a Time	1:30 pm Chemistry 226 Host: M. Stradiotto
Friday December 8	Professor Andrei Yudin Department of Chemistry University of Toronto https://www.chem.utoronto.ca/ppl/faculty_profile.php?id=76	Chemical Synthesis of Bioactive Molecules	1:30 pm Chemistry 226 Hosts: Grad Students Chieh-Hung Tien and Matt Adams
Friday January 19	Dr. Paula N. Brown Director Natural Health & Food Products BC Institute of Technology https://www.bcit.ca/appliedresearch/nrg/team/pbrown.shtml	The Role of Analytical Methods in Assuring Botanical Product Quality, Safety and Efficacy	1:30 pm Chemistry 226 Host: P.D. Wentzell
Friday January 26	Dr. Brian Fahie Senior Director, Technical Development at Biogen, MA https://www.linkedin.com/in/brianfahie	Analytical Chemistry: The Key to Successful Drug Development in the 21 st Century	1:30 pm Chemistry 226 Host: A.A. Doucette
Friday February 2	Monro Day		
Friday February 9	Professor Danielle Tokarz Department of Chemistry Saint Mary's University	Nonlinear Optical Properties of Molecules for Microscopy	1:30 pm Chemistry 226 Host: M. Stradiotto
Friday February 16	Professor Robert D. Singer Department of Chemistry Saint Mary's University http://www.smu.ca/academics/departments/chemistry-profiles-robert-d-singer.html	Catalysis in Ionic Liquids	1:30 pm Chemistry 226 Host: M. Stradiotto
Friday February 23	Professor Guojun Liu Department of Chemistry Queen's University http://faculty.chem.queensu.ca/people/faculty/Liu/dr_liu.html	Nanostructured Polymer Materials for Applications	1:30 pm Chemistry 226 Host: P. Zhang
Friday March 2	Professor Tristan H. Lambert Department of Chemistry & Chemical Biology Cornell University http://chemistry.cornell.edu/tristan-lambert	Catalyst Design with Aromatic Ions	1:30 pm Chemistry 226 Host: A. Speed
Friday March 9	Professor Daniel J. Weix Department of Chemistry University of Wisconsin-Madison http://ls.wisc.edu/news/the-chemistry-department-welcomes-daniel-weix	Cross-Electrophile Coupling: Principles and New Reactions	1:30 pm Chemistry 226 Host: M. Stradiotto
Friday March 16	Professor Jenny J. Yang Department of Chemistry Georgia State University http://lithium.gsu.edu/faculty/Yang/	Designing Metalloproteins for Precision Diagnostics and Medicine	1:30 pm Chemistry 226 Host: P. Zhang

Date	Speaker/ Institute	Title/ Sponsorship	Time and Place
Friday March 23	Professor Anthony Tong Department of Chemistry Acadia University http://chemistry.acadiau.ca/atong.html	Analytical Chemistry of Food and Beverages	1:30 pm Chemistry 226 Host: P.D. Wentzell
Wednesday March 28	Professor Bruce A. Arndtsen Department of Chemistry McGill University https://www.mcgill.ca/chemistry/faculty/arndtsen	New Classes of Transition Metal Catalyzed Bond Forming Reactions Powered by CO	1:30 pm Chemistry 226 Host: M. Stradiotto
Friday March 30	Good Friday		1:30 pm Chemistry 226 Host:
Wednesday April 4	Dr. M. Arshad Siddiqui President and CEO Paraza Pharma Inc., Montreal https://uwaterloo.ca/science/alumni-profile-m-arshad-siddiqui	Discovery of Novel Kinesin Spindle Protein (KSP) Inhibitors	1:30 pm Chemistry 226 Host: K. Lund
Friday April 6	Professor Philip Jessop Department of Chemistry Queen's University http://www.chem.queensu.ca/jessop-philip	Reducing Environmental Impact by using CO2- Switchable Materials and Surfaces	1:30 pm Chemistry 226 Host: Leah Ellis
Friday April 13	Professor Jillian Buriak Department of Chemistry University of Alberta http://buriak.chem.ualberta.ca/people/jillian-buriak/	<u>CANCELLED</u>	1:30 pm Chemistry 226 Host: M. Dasog
Friday April 20	Dr. Ulrike Werner-Zwanziger Department of Chemistry Dalhousie University	New Solid State NMR Research from Dalhousie University and Beyond	1:30 pm Chemistry 226 Host: N.P. Schepp
Friday June 8	Professor Philip Egberts Schulich School of Engineering The University of Calgary http://schulich.ucalgary.ca/profiles/philip-egberts	Wetting Transparency of Two Dimensional Films Characterized through Atomic-Scale Friction and Adhesion Measurements and Simulations	1:30 pm Chemistry 226 Host: E. Johnson

July 1, 2016 – June 30, 2017

Date/time	Speaker/Institution	Title/Sponsorship	Host
Monday August 15 3:00 pm	Professor Jeffrey C. Smith Department of Chemistry and Institute of Biochemistry Carleton University	Isotopically-labelled TrEnDi: New Technology to Increase the Sensitivity and Selectivity of MS- based Lipid Analysis of Complex Biological Samples	A.A. Doucette
Friday September 23 1:30 pm	Professor Aicheng Chen Department of Chemistry Lakehead University	Design and Electrochemical Study of Nanomaterials for Green Chemistry and Medical Applications	P. Zhang
Wednesday September 28 1:30 pm	Professor Cathleen Crudden Department of Chemistry Queen's University	From Molecules to Materials: Asymmetric Catalysis and the Preparation of Carbon- based Monolayers on Gold	M. Stradiotto
Friday October 7 1:30 pm	Professor Tomislav Friscic Department of Chemistry McGill University	Chemistry of Stones: Development of Solid- state Routes to Molecules and Materials Co-sponsored by IRM	A. Thompson
Friday October 14 1:30 pm	Dr. Kevin P. Bateman Distinguished Scientist, Merck & Co. West Point, PA www.merck.com	Drug Discovery and Development as Seen Through the Eyes of an Analytical Chemist Carl C. Coffin	N.P. Schepp
Friday October 21 1:30 pm	Professor Jaclyn Brusso Department of Chemistry University of Ottawa	Thiatriazinyl Radicals: A New Spin On A Classic Framework Co-sponsored by IRM	M. Dasog
Friday October 28 1:30 pm	Professor James Brenan Department of Earth Sciences Dalhousie University	Zircon Chemistry Reveals Conditions on the Early Earth Co-sponsored by IRM	MA. White

Thursday November 3 8:00pm Chemistry Room 125	Professor Timothy M. Swager John D. MacArthur Professor of Chemistry Massachusetts Institute of Technology	Molecular Electronics for Chemical Sensors Walter J. Chute Public Lecture	N.P. Schepp
Friday November 4 1:30pm	Professor Timothy M. Swager John D. MacArthur Professor of Chemistry Massachusetts Institute of Technology	Dynamic Droplets Walter J. Chute Research Lecture	N.P. Schepp
Friday November 18 1:30 pm	Professor André Beauchemin Department of Chemistry & Biomolecular Sciences University of Ottawa	New Reactivity Using Unusual Isocyanates / Studies on Potential Roles of Carbohydrates in "Origin-of-life" Chemistry	A. Speed
Friday January 13 1:30 pm	Dr. Michael A. Quilliam NRC, Halifax <ul style="list-style-type: none"> • https://www.researchgate.net/profile/Michael_Quilliam • http://www.cheminst.ca/awards/maxxam-award/michael-quilliam-fcic • http://www.issha.org/Welcome-to-ISSHA/Awards/Achievement-Awards/2016-ISSHA-Awardees 	What's Your Poison? - Thirty Years of Biotoxin Research at the NRC	A. Thompson
Friday January 20 1:30 pm	Professor Timothy F. Jamison Department of Chemistry MIT	Continuous Flow Multistep Synthesis	M. Stradiotto
Wednesday January 25 1:30 pm	Professor Rylan Lundgren Department of Chemistry University of Alberta	Copper-Mediated Oxidative Cross-Coupling Reactions of Carbon Nucleophiles	M. Stradiotto
Friday February 10 1:30 pm	Professor Pavle V. Radovanovic Department of Chemistry University of Waterloo	TBA Co-sponsored by IRM	P. Zhang
Friday February 17 1:30 pm	Professor Stephen L. Bearn Department of Biochemistry & Molecular Biology Dalhousie University	Designing Substrate- Product Analogue Inhibitors for Racemases and Epimerases	A. Thompson
Friday March 3 1:30 pm	Professor Jason Masuda Department of Chemistry Saint Mary's University	New Main Group Chemistry Involving Carbon, Phosphorus and Aluminum	A. Speed
Friday March 10 1:30 pm	Professor Volker W. Blum Department of Mechanical Engineering and Materials Science Duke University	Scalable All-Electron Theory - from Molecular Spectroscopy to Materials for Energy Harvesting Co-sponsored by IRM	E. Johnson & A. Kelly
Friday March 17 1:30 pm	Dr. John Warner Warner Babcock Institute for Green Chemistry	Green Chemistry: The Missing Element Co-sponsored by IRM	L. Ellis (Grad Student)

Friday March 24 1:30 pm	Dr. Preston Chase Green Centre Canada	Development and Commercial Application of Novel Catalyst and Green Solvent Technologies	M. Stradiotto
Friday March 31 1:30 pm	Professor Jan K. Rainey Department of Biochemistry & Molecular Biology Dalhousie University	Unraveling the Nanoscale Basis of Spider Wrapping Silk Toughness	N.P. Schepp
Friday April 7 1:30 pm	Professor Yvan Guindon Department of Chemistry University of Montreal	Synthesis of Bio-Active Agents using Free Radical Chemistry	D.L. Jakeman
Monday April 10 1:30 pm	Professor Andrew P. Dicks Department of Chemistry University of Toronto	On being a Chemistry Teaching Faculty Member at the University of Toronto	Chemistry Instructors
Friday April 28 1:30 pm	Professor Mohsen Kompany-Zareh Visiting Scientist Department of Chemistry Institute for Advanced Studies in Basic Science Iran	Multi-way Study of Nano-biochemical Fluorescence Resonance Energy Transfer	P.D. Wentzell
Friday June 9 1:30 pm	Professor Michael Katz Department of Chemistry Memorial University	From Synthesis to Applications, our Voyages Through the Pores of Metal-organic Frameworks	M. Dasog
Friday June 16 1:30 pm	Professor Gonzalo Cosa Department of Chemistry McGill University	Chemoselective Fluorescence Imaging of Nucleophiles, ROS and Redox Processes: from High Throughput to Single Particle to Single Molecule Events	

July 1, 2015 – June 30, 2016

Date	Speaker/ Institute	Title/ Sponsorship	Time and Place
Thursday July 16	Professor Martin T. Dove School of Physics and Astronomy Queen Mary, University of London http://ccmmp.ph.qmul.ac.uk/directory/martin.dove	Negative Thermal Expansion and Anomalous Physical Properties of Materials Under Pressure	2:00 pm Chemistry 226 Host: M.A. White

Date	Speaker/ Institute	Title/ Sponsorship	Time and Place
Friday July 17	Professor Guillaume Lamoureux Department of Chemistry & Biochemistry Concordia University https://www.concordia.ca/artsci/chemistry/faculty.html?pid=guillaume-lamoureux	Molecular Modeling of Proton-coupled Transport in Membrane Proteins	1:30 pm Chemistry 226 Host: R.J. Boyd
Tuesday August 11	Professor Frederick G. West Gunning-Lemieux Chemistry Centre University of Alberta http://www.chem.ualberta.ca/~fgwest/public_html/F._G._West.html	Beyond Cyclopentanones: New Examples of the Interrupted Nazarov Reaction	2:30 pm Chemistry 223 Host: D.J. Burnell
Thursday August 13	Professor David I. MaGee Department of Chemistry University of New Brunswick http://www.unb.ca/fredericton/science/depts/chemistry/people/dmagee.html	The Manzamine Alkaloids: The Long and (Still) Winding Road	2:30 pm Chemistry 223 Host: D.J. Burnell
Friday September 11	Professor Jean-Cyrille Hierso Institute of Molecular Chemistry University of Bourgogne http://www.icmub.fr/185-personnel?r=185&action=view&id=15	From Palladium Chemistry Exploiting Chloroarenes and C–H Functionalization in C–C and C–X Bonds Formation (X = O, S, F) to the Emergence of Nanodiamonds Organohybrid CVD Materials	1:30 pm Chemistry 226 Host: M. Stradiotto
Friday September 18	Dr. John R. Miller President, JME Ohio http://energy.gov/sites/prod/files/piprod/documents/Session_D_Miller_rev.pdf	High-Rate Electrical Energy Storage using Vertically-Oriented Graphene Co-sponsored by IRM	1:30 pm Chemistry 226 Host: H. Andreas
Friday September 25	Professor Richard Bowles Department of Chemistry University of Saskatchewan http://www.usask.ca/chemistry/groups/bowles/	Helical Sphere Packings: Insights into the Dynamics and Thermodynamics of Confined Fluids	1:30 pm Chemistry 226 Host: E. Johnson
Friday October 2	Professor Shawn Collins Department of Chemistry Université de Montréal http://www.mapageweb.umontreal.ca/collinss/resume/cv_eng.html	Towards a Green Macrocyclization: Novel Strategies and Catalysis	1:30 pm Chemistry 226 Host: A. Thompson
Friday October 9			1:30 pm Chemistry 226 Host:
Friday October 16	Dr. Patricia Folkins Bereskin & Parr –Intellectual Property Law Toronto http://www.bereskinparr.com/People/Patricia-Folkins	The World of Chemistry Patents Carl C. Coffin Lecture	1:30 pm Chemistry 226 Host: N.P. Schepp

Date	Speaker/ Institute	Title/ Sponsorship	Time and Place
Friday October 23			1:30 pm Chemistry 226 Host:
Friday October 30			1:30 pm Chemistry 226 Host:
Friday November 6	Professor Christopher Gray Departments of Biology and Chemistry University of New Brunswick, Saint John http://www.unb.ca/saintjohn/sase/news/excellence2012.html	Forests, Trees, Needles and Haystacks: Searching for Bioactive Natural Products from Medicinal Plants and Their Endophytes	1:30 pm Chemistry 226 Host: D.L. Jakeman
Friday November 13			1:30 pm Chemistry 226 Host:
Friday November 20			1:30 pm Chemistry 226 Host:
Friday November 27	Professor Axel D. Becke Harry Shirreff Professor of Chemical Research Emeritus Department of Chemistry Dalhousie University http://www.dal.ca/faculty/science/chemistry/faculty-staff/our-faculty/axel-becke.html	Full Circle: A Career in Density-Functional Theory (2015 CIC Medal Address)	1:30 pm Chemistry 226 Host: N.P. Schepp
Friday December 4	Professor David C. Stone Department of Chemistry University of Toronto https://www.chem.utoronto.ca/ppl/faculty_profile.php?id=66#	100 Years of Chemical Education Research	1:30 pm Chemistry 226 Host: P. Laws
Wednesday December 9	Professor Victor A. Snieckus Department of Chemistry Queen's University http://www.chem.queensu.ca/people/faculty/Snieckus	Tinkering with Metalated Aromatics and Heteroaromatics	1:30 pm Chemistry 226 Host: A. Thompson
Friday January 15	Dr. John G. Riley Senior Research Scientist BioVectra Inc. Charlottetown http://www.biovectra.com/	Scale Up in the Pharmaceutical Industry: Transforming a Synthesis into a Process	1:30 pm Chemistry 226 Host: A. Thompson
Friday January 22	Dr. Christopher D. Brown 908 Devices Inc. Boston http://insights.wired.com/profile/DrChristopherDBrown#axzz3wTbrXFKZ	The New World of Microscale Analytical Instruments and Their Autonomous Operations in the Wild	1:30 pm Chemistry 226 Host: Chelsi Wicks

Date	Speaker/ Institute	Title/ Sponsorship	Time and Place
Friday January 29	Professor Bradley F. Chmelka Chemical Engineering Department University of California at Santa Barbara http://www.chemengr.ucsb.edu/people/faculty_d.php?id=16	Self-assembled Hybrid Materials for Electrochemical and Photophysical Device Applications Co-sponsored by IRM	1:30 pm Chemistry 226 Host: J.W. Zwanziger
Friday February 12	Professor Erin M. Bertrand Department of Biology Dalhousie University http://erinbertrand.blogspot.ca/	Quantitative Mass Spectrometry-based Proteomic Inquiries into the Lives of Marine Microbes	1:30 pm Chemistry 226 Host: A.A. Doucette
Friday February 26	Professor J. Stuart Grossert, Adjunct Department of Chemistry Dalhousie University http://www.dal.ca/faculty/science/chemistry/faculty-staff/our-faculty/adjunct-professors/stuart-grossert.html	Fifty Years of Chemistry in a Vacuum	1:30 pm Chemistry 226 Host: R.L. White
Thursday March 10	Dr. Gerald F. Joyce Director, Genomics Institute of the Novartis Research Foundation https://www.gnf.nibr.com/file/186	Life Before DNA and Protein: Reconstructing the RNA World W.J. Chute Public Lecture	8:00 pm Scotiabank Auditorium Host: N.P. Schepp
Friday March 11	Dr. Gerald F. Joyce Director, Genomics Institute of the Novartis Research Foundation https://www.gnf.nibr.com/file/186	Targeting Functional RNA with Both Hands W.J. Chute Research Lecture	1:30 pm Chemistry 226 Host: N.P. Schepp
Friday March 18	Professor Chérif F. Matta Department of Chemistry Mount Saint Vincent University http://www.msvu.ca/en/home/programsdepartments/bachelofofscience/chemistry/facultyprofiles/matta/default.aspx	Localization-Delocalization Matrices (LDMs): A Bridge between Chemical Graph Theory and the Quantum Theory of Atoms in Molecules	1:30 pm Chemistry 226 Host: E.R. Johnson
Friday April 1	Professor Shouheng Sun Department of Chemistry Brown University https://vivo.brown.edu/display/ssun	Tuning Nanocatalysts for Efficient Electrochemical Reactions	1:30 pm Chemistry 226 Host: P. Zhang

July 1, 2014 – June 30, 2015

Date	Speaker/ Institute	Title/ Sponsorship	Time and Place
Friday July 18 2014	Dr. Jonathan K. Watts Department of Chemistry University of Southampton http://www.southampton.ac.uk/chemistry/about/staff/jkw11y11.page	Chemically Modified Oligonucleotides with High Binding Affinity: Origins and Applications	1:30 pm Chemistry 226 Host: D.L. Jakeman

Date	Speaker/ Institute	Title/ Sponsorship	Time and Place
Friday August 15 2014	Professor Christine Thomas Department of Chemistry Brandeis University http://people.brandeis.edu/~thomasc/CMTbio.html	Metal-Metal Bonds in Heterobimetallic Complexes: Applications Towards Sigma Bond Activation and Catalysis	2:30 pm Chemistry 226 Host: L. Turculet
Wednesday September 10 2014	Professor Mark Obrovac Department of Chemistry Dalhousie University http://www.dal.ca/faculty/science/chemistry/faculty-staff/our-faculty/mark-obrovac.html	New Chemistries for High Energy Density Metal Ion Battery Materials	1:30 pm Chemistry 226 Host: N.P. Schepp
Friday September 12 2014	Professor Bart Kahr Department of Chemistry New York University http://chemistry.as.nyu.edu/object/bartkahr.html	Twisted Crystals Co-sponsored by IRM	1:30 pm Chemistry 226 Host: M.A. White
Friday September 19 2014	Professor Lewis Kay Department of Biochemistry University of Toronto http://biochemistry.utoronto.ca/kay/bch.html	Seeing the Invisible by Solution NMR Spectroscopy	1:30 pm Chemistry 226 Host: J.K. Rainey
Wednesday September 24 2014	Professor Peng Zhang Department of Chemistry Dalhousie University http://www.dal.ca/faculty/science/chemistry/faculty-staff/our-faculty/peng-zhang.html	X-ray Spectroscopy of Metal Nanostructures	1:30 pm Chemistry 226 Host: N.P. Schepp
Friday October 3 2014	Dr. Jan O. Friedrich Li Ka Shing Knowledge Institute, St. Michael's Hospital and The University of Toronto http://www.stmichaelshospital.com/research/profile.php?id=friedrich&	Were the Med Keeners Right? Carl C. Coffin Lecture	1:30 pm Chemistry 226 Host: N.P. Schepp
Friday October 10 2014	Professor Alan A. Doucette Department of Chemistry Dalhousie University http://www.dal.ca/faculty/science/chemistry/faculty-staff/our-faculty/alan-doucette.html	From the Top: New Strategies for Proteome Analysis	1:30 pm Chemistry 226 Host: N.P. Schepp
Friday October 17 2014	Candidate seminar		1:30 pm Chemistry 226
Wednesday October 22 2014	Candidate seminar		1:30 pm Chemistry 226
Friday October 24 2014	Candidate seminar		1:30 pm Chemistry 226
Wednesday October 29 2014	Candidate seminar		1:30 pm Chemistry 226

Date	Speaker/ Institute	Title/ Sponsorship	Time and Place
Friday October 31 2014	Candidate seminar		1:30 pm Chemistry 226
Thursday November 6 2014	Professor Barbara Finlayson-Pitts Department of Chemistry University of California-Irvine http://www.faculty.uci.edu/profile.cfm?faculty_id=2194	Air Pollution, Acid Rain and Climate Change: Perspectives from the Past and Future Challenges Walter J. Chute Public Lecture	8:00 pm Scotiabank Auditorium Host: N.P. Schepp
Friday November 7 2014	Professor Barbara Finlayson-Pitts Department of Chemistry University of California-Irvine http://www.faculty.uci.edu/profile.cfm?faculty_id=2194	Mysteries of Particles in Air: Research Challenges and Why We Should Care Walter J. Chute Research Lecture	1:30 pm Chemistry 226 Host: N.P. Schepp
Wednesday November 19 2014	Candidate seminar		1:30 pm Chemistry 226
Friday November 21 2014	Professor Rik Tykwinski Department of Chemistry University of Erlangen-Nuremberg, Germany https://www.chemie.uni-erlangen.de/dcp/forschung/arbeitskreise/ak-tykwinski/the-boss/	Cumulenes, Polyynes and Rotaxanes for the Study Carbyne	1:30 pm Chemistry 226 Host: A. Thompson
Friday November 28 2014	Candidate seminar		1:30 pm Chemistry 226
Wednesday December 3 2014	Professor Philip Britz-McKibbin Department of Chemistry & Chemical Biology McMaster University http://www.chemistry.mcmaster.ca/britz/pioverview.htm	Integrative Analytical Laboratory Experiments: Experiences in Curriculum Renewal	1:30 pm Chemistry 226 Host: K. Thompson
Friday January 16 2015	Professor T.K. Sham Department of Chemistry University of Western Ontario http://publish.uwo.ca/~tsham/	The Interplay of Synchrotron Spectroscopy with Performance of Functional Materials – Addressing Scientific Issues with Synchrotron Capabilities	1:30 pm Chemistry 226 Host: P. Zhang
Friday January 23 2015	Professor Laurent Kreplak Department of Physics & Atmospheric Science Dalhousie University http://fizz.phys.dal.ca/~kreplak/	Nanomechanical studies of Collagen I fibrils in the context of Tendon damage Co-sponsored by IRM	1:30 pm Chemistry 226 Host: M.A. White
Friday February 13 2015	Professor Dongling Ma INRS University	Nanostructures: Rational Design for Energy-related	1:30 pm Chemistry 226 Host: P. Zhang

Date	Speaker/ Institute	Title/ Sponsorship	Time and Place
	Quebec http://www.inrs.ca/dongling-ma?f=publications	Applications Co-sponsored by IRM	
Friday February 27 2015	Professor Steve Westcott Department of Biochemistry & Chemistry Mount Allison University http://thewildtoads.com/prof-steve-westcott/	Developing the Phosphinoboration Reaction	1:30 pm Chemistry 226 Host: M. Stradiotto
Friday March 6 2015	Professor Timothy L. Kelly Department of Chemistry University of Saskatchewan http://artsandscience.usask.ca/profile/TKelly	Perovskite Solar Cells: From Device Fabrication to Device Degradation	1:30 pm Chemistry 226 Host: Andrew Namespetra
Friday March 13 2015	Dr. Mahmoud Mirmehrabi Director, Solid State Pharma Inc. Halifax http://www.solidstatepharma.com/	Solid State Science, a Cornerstone of Drug Development	1:30 pm Chemistry 226 Host: M.A. White
Friday March 20 2015	Dr. Eric Bushnell Department of Chemistry Dalhousie University	Computational Studies of Dithiolene and Diselenolene Complexes	1:30 pm Chemistry 226 Host: R.J. Boyd
Friday March 27 2015	Professor Lekha Sleno Chemistry Department University of Quebec at Montreal http://masse.uqam.ca/index_en.html	Monitoring Reactive Metabolite-induced Covalent Modification of Proteins by LC- MS/MS	1:30 pm Chemistry 226 Host: A.A. Doucette
Tuesday April 14 2015	Professor Arthur Mar Department of Chemistry University of Alberta http://xray.chem.ualberta.ca/mar/bio.htm	Homologous Series in Solid State Chemistry: Stacking Slabs in Rare- Earth Arsenides	11:00 am Chemistry 226 Host: J.R. Dahn
Friday April 17 2015	Professor Jürgen Rohr College of Pharmacy University of Kentucky http://pharmacy.mc.uky.edu/faculty/JurgenRohr.php	Evolution of Natural Products for Cancer Chemotherapy	1:30 pm Chemistry 226 Host: D.L. Jakeman
Monday April 27 2015	Professor Scott Taylor Department of Chemistry University of Waterloo https://uwaterloo.ca/chemistry/people-profiles/scott-taylor	Daptomycin: Total Synthesis and Mechanism of Action Studies using Fluorescent Analogs	1:30 pm Chemistry 226 Host: D.F. Weaver
Friday May 15 2015	Professor Edgar A. Arriaga Department of Chemistry and Biomedical Engineering University of Minnesota https://www.chem.umn.edu/groups/arriaga/arriaga.html	Teasing Apart Cellular Self-eating: From Individual Organelle Analysis to Single Cell Proteomics	1:30 pm Chemistry 226 Host: A.A. Doucette
Friday June 5 2015	Dr. Peter Keech Sr. Container Corrosion and Coating Scientist Nuclear Waste Management Organization Toronto http://www.nwmo.ca/	Innovative Designs and Applications of Chemistry for the Safe Management of Canada's Used Nuclear Fuel	1:30 pm Chemistry 226 Host: J.K. Rainey
Thursday June 18 2015	Professor Linda Nazar Department of Chemistry University of Waterloo	New Vistas in Electrochemical Energy Storage	2:00 pm Chemistry 226 Host: M. Obrovac

Date	Speaker/ Institute	Title/ Sponsorship	Time and Place
	https://uwaterloo.ca/chemistry/people-profiles/linda-nazar		

July 1, 2013 – June 30, 2014

Date	Speaker/ Institute	Title/ Sponsorship	Time and Place
Thursday August 1 2013	Professor Davit Zargarian Department of Chemistry University of Montreal http://www.chimie.umontreal.ca/en/people/professors/Zargarian_Davit/index.html	Divalent and Trivalent Nickel Complexes Based on ECE-Type Pincer Ligands: Stoichiometric Reactivities and Catalytic Applications	1:30 pm Chemistry 226 Host: L. Turculet
Friday August 9 2013	Professor Gregory H. Robinson Department of Chemistry University of Georgia http://www.chem.uga.edu/people/faculty/robinsong	Carbene-Stabilization of Highly Reactive Molecules	1:30 pm Chemistry 226 Host: N. Burford
Friday September 13 2013	Professor Manuel Aquino Department of Chemistry St. Francis Xavier University http://people.stfx.ca/maquino/	Chiral Induction at Ru(II): A Novel Approach	1:30 pm Chemistry 226 Host: G. Welch
Wednesday September 18 2013	Professor Bruce Arndtsen Department of Chemistry McGill University http://www.chemistry.mcgill.ca/directory/people.php?p=7&n=Arndtsen&t=synthcatal	Transition Metal Catalysis and Multicomponent Reactions: New Approaches to Chemical Synthesis	1:30 pm Chemistry 226 Host: M. Stradiotto
Friday September 20 2013	Professor Graham Bodwell Department of Chemistry Memorial University http://www.chem.mun.ca/zfac/gjb.php?	Half Way Around the Bend! Synthesis and Properties of 1,1,n,n-Tetramethyl[n](2,11)terophrenophanes - Remarkably Bent PAHs that Violate Kasha's Rule	1:30 pm Chemistry 226 Host: D.J. Burnell
Friday September 27 2013	Professor Hans Wolfgang Spiess Max Planck Institute for Polymer Research http://www2.mpip-mainz.mpg.de/groups/spiess/Director	Advanced Magnetic Resonance Studies of Nanostructured Materials and Signal Enhancement Co-sponsored by IRM	1:30 pm Chemistry 226 Host: J.W. Zwanziger
Wednesday October 2 2013	Dr. Marcus Kim Agilent Technologies http://www.home.agilent.com/agilent/home.jspx?cc=CA&lc=eng	Sample Class Prediction for the Detection of Off-flavours in Foods	1:30 pm Chemistry 226 Host: M. Stradiotto

Date	Speaker/ Institute	Title/ Sponsorship	Time and Place
Friday October 4 2013	Dr. Sherry Niven Bedford Institute of Oceanography http://www.bio.gc.ca/index-eng.php	The Central Role of Chemistry in Oceanography Carl C. Coffin Lecture	1:30 pm Chemistry 226 Host: J.W. Zwanziger
Friday October 18 2013	Ms. Angela Desjardins Personal Care Division and Converter Markets 3M Canada	From the Bench to the Boardroom, a Weird and Wonderful Career Path with a Chemistry Degree in My Pocket	1:30 pm Chemistry 226 Host: A. Thompson
Friday October 25 2013	Professor Rongchao Jin Department of Chemistry Carnegie Mellon University http://www.chem.cmu.edu/groups/jin/	Controlling Gold Nanoparticles with Atomic Precision	1:30 pm Chemistry 226 Host: Chemistry Graduate Students
Friday November 1 2013	Professor Michel Gagné Department of Chemistry University of North Carolina http://www.chem.unc.edu/people/faculty/gagne/	Electrophilic Metal Catalysts for Alkene Activation Reactions	1:30 pm Chemistry 226 Host: M. Stradiotto
Thursday November 7	Professor Nate Lewis California Institute of Technology http://nsl.caltech.edu/nslewis	Walter J. Chute Distinguished Lecture Series in Chemistry Where in the World Will Our Energy Come From? Public Lecture	8:00 pm Scotiabank Auditorium Host: J.W. Zwanziger
Friday November 8 2013	Professor Nate Lewis California Institute of Technology http://nsl.caltech.edu/nslewis	Walter J. Chute Distinguished Lecture Series in Chemistry Sunlight-driven Hydrogen Formation by Membrane-supported Photoelectrochemical Water Splitting Research Lecture	1:30 pm Chemistry 226 Host: J.W. Zwanziger
Friday November 15 2013	Professor Brett Lucht Department of Chemistry The University of Rhode Island http://www.chm.uri.edu/index.php?dest=display_abstract&button=home&email=blucht&from=pubs_web&back=Home&this	Advances in Electrolytes for Lithium Ion Batteries: A Mechanistic Understanding Co-sponsored by IRM	1:30 pm Chemistry 226 Host: J. Dahn
Friday November 22 2013	Professor Daniel Guay INRS University http://www.emt.inrs.ca/daniel-guay	Electrocatalysis on Preferentially {100}- Oriented Pt Thin Films and Nanowires Co-sponsored by IRM	1:30 pm Chemistry 226 Host: M.A. White
Wednesday November 27 2013	Professor Kevin A. Lobb Department of Chemistry Rhodes University Grahamstown, South Africa http://www.ru.ac.za/chemistry/staff/academic/drlobb/	Physical Organic Chemistry Studies at Rhodes University	1:30 pm Chemistry 226 Host: R.L. White
Wednesday December 4 2013	Mr. Mitchell Huot Department of Chemistry McGill University http://www.chemistry.mcgill.ca/directory/people.php?p=	From The Ground Up: A Complete Overhaul of McGill's Undergraduate Labs	1:30 pm Chemistry 226 Host: R. Moya Barrios

Date	Speaker/ Institute	Title/ Sponsorship	Time and Place
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Friday January 10 2014	Professor Jason Clyburne Department of Chemistry Saint Mary's University http://www.smu.ca/academic/science/chemist/bios/f_ClyburneJ_Bio.html	Unusual Anions in Ion-rich Media and their Implication in Catalysis and in Nature	1:30 pm Chemistry 226 Host: L. Turculet
Wednesday January 15 2014	Professor Kenneth Libbrecht Department of Physics California Institute of Technology http://www.its.caltech.edu/~atomic/	The Secret Life of a Snowflake Co-sponsored by Chemistry, IRM & Physics	7:00 p.m. CIBC Auditorium Host: M.A. White
Friday January 17 2014	Dr. Larry Campbell AB Sciex http://www.absciex.com/	Sifting Through Isobars, Isomers and Tautomers using Differential Ion Mobility Spectrometry Co-sponsored by TARC	1:30 pm Chemistry 226 Host: R.L. White
Friday January 24 2014	Dr. Jeff Miller Argonne National Laboratory http://web.anl.gov/catalysis-science/publications/jeff_miller.pdf	<i>In Situ</i> and <i>Operando</i> X-Ray Absorption Spectroscopy in Catalysis: Lewis Acid, Single-site Heterogeneous Catalysts for Propane Dehydrogenation Co-sponsored by IRM	1:30 pm Chemistry 226 Host: P. Zhang
Friday January 31 2014	Professor Doug Wallace Department of Oceanography Dalhousie University http://oceanography.dal.ca/person/Wallace_Douglas.html	The Changing Oceans: What has Chemistry to Do With it?	1:30 pm Chemistry 226 Host: J.W. Zwanziger
Friday February 14 2014	Dr. Ray Syvitski NRC, Halifax http://www.bhcri.ca/dr.-ray-syvitski	Refining Intermolecular Potentials for Detailing Molecular Interactions	1:30 pm Chemistry 226 Host: J.K. Rainey
Friday March 14 2014	Dr. Jigang Zhou Canadian Light Source http://www.lightsource.ca/contacts/details.php?id=200	Developing Better Energy Storage at Canadian Light Source	1:30 pm Chemistry 226 Host: M.A. White
Friday March 21 2014	Professor Lars Konermann Department of Chemistry Western University http://publish.uwo.ca/~konerman/	Protein Folding and Structural Dynamics Studied By Mass Spectrometry Co-sponsored by TARC	1:30 pm Chemistry 226 Host: A.A. Doucette
Friday April 4 2014	Professor Gonzalo Cosa Department of Chemistry McGill University http://www.chemistry.mcgill.ca/directory/people.php?p=14&n=Cosa&t=synthcatal	Fluorogenic Probes based on BODIPY Dyes: A New Way to See Chemical Reactions	11:30 am Chemistry 223 Host: A. Thompson
Friday May 9 2014	Professor Daniel Figeys Ottawa Institute of Systems Biology University of Ottawa http://www.med.uottawa.ca/associations/oisb/members/	Studying the Brain Clock: Proteomic Technologies and Applications	1:30 pm Chemistry 226 Host: A.A. Doucette

Date	Speaker/ Institute	Title/ Sponsorship	Time and Place
	member_daniel_figeys.htm		
Friday June 20 2014	Professor Nelaine Mora-Diez Department of Chemistry Thompson Rivers University http://kamino.tru.ca/experts/home/main/bio.html?id=nmora	Acid-Catalyzed Nucleophilic Additions to Carbonyl Groups: Is the Accepted Mechanism the Rule or an Exception?	1:30 pm Chemistry 226 Host: R.J. Boyd

July 1, 2012 – June 30, 2013

Date	Speaker/ Institute	Title/ Sponsorship	Time and Place
Wednesday July 11 2012	Professor James W. Gauld Department of Chemistry & Biochemistry University of Windsor http://arc1.uwindsor.ca/~compchem/default.html	Enzymes of Porphyrin Biosynthesis: Computational Insights into Powerful and Ancient Catalytic Strategies	1:30 pm Chemistry 226 Host: R.J. Boyd
Friday August 31 2012	Professor Leo Radom School of Chemistry University of Sydney http://sydney.edu.au/science/chemistry/research/radom.html	Adventures in Free Radical Chemistry: A Computational Approach ACEnet Lecture	1:30 pm Chemistry 226 Host: R.J. Boyd
Friday September 7 2012	Professor Claude Spino Department of Chemistry University of Sherbrooke http://www.usherbrooke.ca/chimie/personnel/professeurs/professeurs/claude-spino/	Syntheses of Natural Products from a Climber's Point of View Sepracor Lecture	1:30 pm Chemistry 226 Host: D.J. Burnell
Friday September 14 2012	Professor Mark Stradiotto Department of Chemistry Dalhousie University http://chemistry.dal.ca/Faculty/Professors/Stradiotto%2CMark.php	Catalyst Design as a Route to More Sustainable Chemical Synthesis	1:30 pm Chemistry 226 Host: J.W. Zwanziger
Friday September 28 2012	Mr. Murray Hartwell Maxxam Analytics http://maxxam.ca/about-maxxam/executive-bios/murray-hartwell	Environmental Analysis in Canada – Evolution = through Innovation Carl C. Coffin Lecture	1:30 pm Chemistry 226 Host: J.W. Zwanziger
Friday October 5 2012	Professor Juan J. Novoa School of Chemistry University of Barcelona http://www.ub.edu/dept-qi/grups/gem2/novoa.html	Theoretical Studies on the Origin of the Bistability in the TTA Molecule-based Magnet Co-sponsored by Institute for Research in Materials	1:30 pm Chemistry 226 Host: R.J. Boyd

Date	Speaker/ Institute	Title/ Sponsorship	Time and Place
Friday October 12 2012	Professor Jean Rocherullé Department of Chemistry University of Rennes 1 France http://www.scienceschimiques.univ-rennes1.fr/digitalAssets/232/232807_Jean.pdf	Current Research on Glasses and Ceramics at The University of Rennes	1:30 pm Chemistry 226 Host: J.W. Zwanziger
Friday October 19 2012	Professor Ronald Kluger Department of Chemistry University of Toronto http://www.chem.utoronto.ca/pppl/faculty_profile.php?id=27	Decarboxylation Mechanisms – Why Curved Arrows aren't Enough	1:30 pm Chemistry 226 Host: S.L. Bearne
Friday October 26 2012	Professor Pupa Gilbert Department of Chemistry University of Wisconsin http://www.chem.wisc.edu/users/pupa	Crystallization Mechanisms in Biominerals Co-sponsored by Institute for Research in Materials	1:30 pm Chemistry 226 Host: M.A. White
Thursday November 1 2012	Professor Robert S. Langer Massachusetts of Institute of Technology http://web.mit.edu/langerlab/langer.html	Walter J. Chute Distinguished Lecture Series in Chemistry – Biomaterials and Biotechnology: From the Discovery of the First Angiogenesis Inhibitors to the Development of Controlled Drug Delivery Systems and the Foundation of Tissue Engineering Public Lecture	8:00 pm Scotiabank Auditorium Host: J.W. Zwanziger
Friday November 2 2012	Professor Robert S. Langer Massachusetts of Institute of Technology http://web.mit.edu/langerlab/langer.html	Walter J. Chute Distinguished Lecture Series in Chemistry – Novel Drug Delivery Systems and the Application of High Throughput Approaches to Drug Delivery and Stem Cell Technologies Research Lecture	12:30 pm Chemistry 226 Host: J.W. Zwanziger
Friday November 9 2012	Professor Kenneth Corscadden Department of Engineering Dalhousie University Truro Campus http://nsac.ca/eng/staff/kenny/	Energy Applications within Agriculture: Sustainable and Renewable	1:30 pm Chemistry 226 Host: M.A. White
Friday November 16 2012	Professor David Bryce Department of Chemistry University of Ottawa http://www.science.uottawa.ca/fac/professor_details.html?eng/36	900 MHz to 0.1 Hz: Pushing the Limits of NMR Spectroscopy in Inorganic Solids and in Biomolecules	1:30 pm Chemistry 226 Host: J.W. Zwanziger

Date	Speaker/ Institute	Title/ Sponsorship	Time and Place
Friday November 23 2012	Professor André D. Bandrauk Department of Chemistry University of Sherbrooke http://www.usherbrooke.ca/chimie/personnel/professeurs/professeurs/andre-d-bandrauk/	FAZSST-Femto-Atto-ZeptoSecond-Science & Technology-and/or Laser Control of Electrons	1:30 pm Chemistry 226 Host: C.F. Matta
Friday November 30 2012	Professor Matthew F. Paige Department of Chemistry University of Saskatchewan http://www.usask.ca/chemistry/groups/paige/	Ultrasensitive Microscopy and Spectroscopy of Chemical Systems	1:30 pm Chemistry 226 Host: J.K. Rainey
Thursday December 6 2012	Professor Cora Lind-Kovacs Department of Chemistry The University of Toledo http://www.utoledo.edu/nsm/chemistry/people/Webpages/Lind.html	Negative Thermal Expansion Materials: Adventures in Reciprocal Space and Polymer Matrices Co-sponsored by Institute for Research in Materials	1:30 pm Chemistry 226 Host: M.A. White
Friday January 11 2013	Professor Mario Bieringer Department of Chemistry University of Manitoba http://home.cc.umanitoba.ca/~bieringe/	Topochemical Synthetic Strategies for Functional Extended Materials Co-sponsored by Institute for Research in Materials	1:30 pm Chemistry 226 Host: M.A. White
Friday January 18 2013	Professor Nicholas Mosey Department of Chemistry Queen's University http://www.chem.queensu.ca/generalqueries/personal_details.asp?peopleID=1203	First-Principles Simulations of Tribological Processes	1:30 pm Chemistry 226 Host: A. Becke
Tuesday January 22 2013	Professor Keryn K. Lian Department of Materials Science & Engineering University of Toronto http://mse.utoronto.ca/fs/professors/lian.htm	Advances in Ultra-high Rate Solid Electrochemical Capacitors	9:00 am Chemistry 223 Host: H. Andreas
Friday January 25 2013	Professor Ian G. Hill Department of Physics and Atmospheric Science Dalhousie University http://fizz.phys.dal.ca/~ihill/OEMD_Home.html	Earth-abundant Materials for Solar Energy Harvesting	1:30 pm Chemistry 226 Host: G. Welch
Friday February 8 2013	Professor Pierre Kennepohl Department of Chemistry University of British Columbia http://www.chem.ubc.ca/our-people/profiles/pkennepohl	A New Perspective on Metal Dioxygen Chemistry: Is O ₂ Reduction Required for Metal-binding?	1:30 pm Chemistry 226 Host: P. Zhang
Friday February 15 2013	Professor Paul W. Ayers Department of Chemistry McMaster University http://www.chemistry.mcmaster.ca/ayers/paul-ayers/	New Methods for Finding the Transition States of Chemical Reactions	1:30 pm Chemistry 226 Host: A. Becke
Friday February 22 2013	Professor Ajit J. Thakker Department of Chemistry University of New Brunswick http://www.unb.ca/fredericton/science/chem/ajit/index.htm	How Well Can Additive Models Predict Chemical Properties?	1:30 pm Chemistry 226 Host: A. Becke
Friday March 1 2013	Professor Anne Co Department of Chemistry & Biochemistry Ohio State University http://chemistry.osu.edu/faculty/co	CANCELLED/ POSTPONED	1:30 pm Chemistry 226 Host: H. Andreas

Date	Speaker/ Institute	Title/ Sponsorship	Time and Place
Friday March 8 2013	Professor Bobby Ellis Department of Chemistry Acadia University http://chemistry.acadiau.ca/bellis.html	Phosphenium Cations: Everything Old is New Again	1:30 pm Chemistry 226 Host: M. Stradiotto
Friday March 15 2013	Professor John Anthony Department of Chemistry University of Kentucky https://chem.as.uky.edu/users/anthony	Molecule Design for Organic Electronics Co-sponsored by DREAMS & Institute for Research in Materials	1:30 pm Chemistry 226 Host: G. Welch
Friday March 22 2013	Professor Manuel Aquino Department of Chemistry St. Francis Xavier University http://people.stfx.ca/maquino/	CANCELLED/ POSTPONED	1:30 pm Chemistry 226 Host: G. Welch
Friday April 5 2013	Professor Christina Bottaro Department of Chemistry Memorial University of Newfoundland http://www.chem.mun.ca/zfac/cb.php	From Here to There and There to Here: How Academic Experiences, Opportunity and Necessity Have Led to Better Methods of Analysis for Aquatic Contaminants	1:30 pm Chemistry 226 Host: A. Chatt
Friday April 12 2013	Dr. Ulli Werner-Zwanziger Department of Chemistry Dalhousie University	Solid State NMR for Material Science at Dalhousie University and Beyond	1:30 pm Chemistry 226 Host: D.J. Burnell
Friday April 26 2013	Professor Robert W.J. Scott Department of Chemistry University of Saskatchewan http://www.usask.ca/chemistry/groups/scott/	Designing Nanoparticles for Catalysis	1:30 pm Chemistry 226 Host: P. Zhang
Friday May 3 2013	Professor Tricia B. Carmichael Department of Chemistry & Biochemistry University of Windsor http://www.uwindsor.ca/chemistry/dr-tricia-breen-carmichael	Intrinsically Flexible and Stretchable Light- emitting Devices Co-sponsored by DREAMS	1:30 pm Chemistry 226 Host: G. Welch
Wednesday May 22 2013	Professor Oleg Ozerov Department of Chemistry Texas A&M University https://www.chem.tamu.edu/faculty/faculty_detail.php?ID=9002&bc=9	Reaction Discovery with Pincer Complexes	1:30 pm Chemistry 226 Host: L. Turculet
Friday May 31 2013	Professor Matthias Beller Leibniz Institute for Catalysis Germany http://www.catalysis.de/Beller-Matthias.239.0.html?L=1	Be Practical: From Basic Research to Real-world Catalysis	2:00 pm Chemistry 223 Host: M. Stradiotto
Friday June 7 2013	Professor Elizabeth Gillies Department of Chemistry Western University http://publish.uwo.ca/~egillie/index.html	Biodegradable Polymers and Their Assembly into Functional Materials	1:30 pm Chemistry 223 Host: T.B. Grindley

Date	Speaker/ Institute	Title/ Sponsorship	Time and Place
Monday June 24 2013	Professor Scott Taylor Department of Chemistry University of Waterloo http://www.science.uwaterloo.ca/~s5taylor/Scott%20tayl or.htm	Synthesis of Nucleoside Polyphosphates and the Development of Transition State Analog and Substrate-product Inhibitors of Cytidine Triphosphate Synthase	1:30 pm Chemistry 223 Host: D.L. Jakeman

July 1, 2011 – June 30, 2012

Date	Speaker/ Institute	Title/ Sponsorship	Time and Place
Thursday July 28 2011	Professor Fernando Rizzo Pontificia Universidade Católica do Rio de Janeiro, Brazil http://www.abc.org.br/~frizzo	Phase Transformation Studies in Oxide Systems	1:30 pm Chemistry 226 Host: M.A. White
Friday July 29 2011	Professor Hong Guo Department of Biochemistry & Cellular and Molecular Biology University of Tennessee http://web.bio.utk.edu/bcmb/faculty/Individual_Faculty_Pages/Guo_Hong/Guo_Hong.html	Narrowing the Gap in Understanding Protein Structure and Function through Computer Simulations	1:30 pm Chemistry 226 Host: R.J. Boyd
Friday August 5 2011	Professor Younés Messaddeq Department of Physics, Engineering Physics and Optics Université Laval http://www.vrr.ulaval.ca/bd/chercheur/fiche/2662533.html	Development of New Materials for Photonics	1:30 pm Chemistry 226 Host: J.W. Zwanziger
Monday August 8 2011	Professor Deryn Fogg Department of Chemistry University of Ottawa http://www.science.uottawa.ca/fac/details.php?lang=eng&id=41	Unsuspected Pathways in Metathesis: Discovery and Implications for Use in Academia and Industry	2:30 pm Chemistry 226 Host: L. Turculet
Friday September 9 2011	Professor David Jakeman Department of Chemistry Dalhousie University http://myweb.dal.ca/dljakema/	Unnatural Born Killers: Natural Products, Carbohydrates and Enzymes	1:30 pm Chemistry 226 Host: L. Turculet
Monday September 12 2011	Professor Christopher J. Cramer Department of Chemistry University of Minnesota http://www.chem.umn.edu/directory/faculty.lasso?serial=404	Modeling the Activation of Small Molecules at Supported Transition-metal Centers ACEnet Institute for Computational Chemistry Lecture	1:30 pm Chemistry 226 Host: R.J. Boyd
Friday September 23 2011	Professor Charles L. B. Macdonald Department of Chemistry and Biochemistry University of Windsor http://www.uwindsor.ca/macdonald-chem	Low Valent Main Group Compounds: Versatile New Reagents and Unique Chemistry	1:30 pm Chemistry 226 Host: L. Turculet

Date	Speaker/ Institute	Title/ Sponsorship	Time and Place
Friday September 30 2011	Professor Laurel L. Schafer (external) Department of Chemistry University of British Columbia http://www.chem.ubc.ca/personnel/faculty/schafer/	Advances in Hydroaminoalkylation Catalysis	1:30 pm Chemistry 226 Host: A. Thompson (exam marking in 225)
Friday October 7 2011	Professor Frank van Veggel Department of Chemistry University of Victoria http://www.chemistry.uvic.ca/people/fvv.php	Ln ³⁺ based Nanoparticles and Ph ²⁺ based Quantum Dots: Synthesis, Characterization and Applications co-sponsored by the Institute for Research in Materials	1:30 pm Chemistry 226 Host: P. Zhang
Wednesday October 12 2011	Dr. Pierre Beaumier President CanAlt Health Laboratories http://www.canaltlabs.com/Home	Research on Health and your Hair Chemical Institute of Canada	1:30 pm Chemistry 226 Host: A.A. Doucette
Friday October 21 2011	Carl C. Coffin Lecture Dr. John A. Hiltz Defence Research & Development Canada- Atlantic http://www.atlantic.drdc-rddc.gc.ca/home_eng.html	Applied Materials Chemistry: A Thirty Year Retrospective	1:30 pm Chemistry 226 Host: J.W. Zwanziger
Friday October 28 2011	Dr. Mark A. Reed Trementis Corp. POSTPONED TO Jan. 13/12 http://www.trementis.com/	Discovery and Optimization of Disease-modifying Small Molecules to Treat Alzheimer's Disease	1:30 pm Chemistry 226 Host: M.A.White
Thursday November 3 2011	Walter J. Chute Distinguished Lecture Series in Chemistry: Professor Chad A. Mirkin Chemistry Department Northwestern University, Illinois http://chemgroups.northwestern.edu/mirkingroup/	A Chemist's Approach to Nanofabrication: Towards a Desktop Fab	8:00 pm Chemistry 125 Host: J.W. Zwanziger
Friday November 4 2011	Walter J. Chute Distinguished Lecture Series in Chemistry: Professor Chad A. Mirkin Chemistry Department Northwestern University, Illinois http://chemgroups.northwestern.edu/mirkingroup/	Spherical Nucleic Acid (SNA) Nanostructures	1:30 pm Chemistry 226 Host: J.W. Zwanziger
Friday November 18 2011	Professor Clara Wren Department of Chemistry University of Western Ontario http://www.uwo.ca/chem/people/faculty/wren.htm	Radiation Assisted Materials Performance Research: Applications to Corrosion, Colloid Formation and Biphasic Separation Science co-sponsored by the Institute for Research in Materials and DREAMS	1:30 pm Chemistry 226 Host: M.A. White

Date	Speaker/ Institute	Title/ Sponsorship	Time and Place
Friday November 25 2011	Dr. Adrian Culf Atlantic Cancer Research Institute http://www.atlanticcancer.ca/adrian_culf.cfm	Medicinal Chemistry at Atlantic Cancer Research Institute	1:30 pm Chemistry 226 Host: A. Thompson
Friday December 2 2011	Professor Jan K. Rainey Department of Biochemistry & Molecular Biology Dalhousie University http://www.biochem.dal.ca/faculty/facultypages/rainey/	Comparing and Contrasting Protein Structure and Dynamics in Membranous and Fibrillar Environments	1:30 pm Chemistry 226 Host: F.L. Cozens
Thursday December 8 2011	Professor Mario Bieringer – POSTPONED Department of Chemistry University of Manitoba http://home.cc.umanitoba.ca/~bieringe/	Structure Reactivity Dependence in Extended Solids: Metastable Materials via Topochemical Synthesis	1:30 pm Chemistry 226 Host: M.A. White
Friday December 9 2011	Dr. Devanand M. Pinto – POSTPONED TO MAR. 9 National Research Council Institute for Marine Biosciences http://www.nrc- cnrc.gc.ca/eng/people/pinto_devanand_5030.html	Bioanalytical Methods for Understanding Glycolysis in Breast Cancer	1:30 pm Chemistry 226 Host: A.A. Doucette
Tuesday December 13 2011	Professor Karine Auclair Department of Chemistry McGill University http://www.chemistry.mcgill.ca/directory/people.php?p=8	How to Block Resistance to Aminoglycoside Antibiotics	1:30 pm Chemistry 226 Host: R.L. White
Friday January 13 2012	Dr. Mark A. Reed Trementis Corp. http://www.trementis.com/	Discovery and Optimization of Disease-modifying Small Molecules to Treat Alzheimer's Disease	1:30 pm Chemistry 226 Host: M.A. White
Friday January 20 2012	Professor Peter Tremaine Department of Chemistry University of Guelph http://tremaine.cs.uoguelph.ca/	Acid Ionization Constants, Electrostriction and Ionic Transport in D2O at Elevated Temperatures and Pressures "How is heavy water solution chemistry different from light water?"	1:30 pm Chemistry 226 Host: M.A. White
Friday February 10 2012	Professor Mark Nitz Department of Chemistry University of Toronto http://www.chem.utoronto.ca/pp/faculty_profile.php?id=80	Structural and Functional Characterization of PgaB a Carbohydrate Esterase key to <i>E. coli</i> Biofilm Matrix Formation	1:30 pm Chemistry 226 Host: D.L. Jakeman
Friday February 17 2012	Professor Ian Pottie Department of Chemistry Mount Saint Vincent University http://www.msvu.ca/en/home/programsdepartments/faculties/artsscienceaf/chemistryphysics/facultyprofiles/pottie/default.aspx	Developing a Diagnosis Test for Alzheimer's Disease using Fundamental Organic Chemistry Concepts	1:30 pm Chemistry 226 Host: D.J. Burnell

Date	Speaker/ Institute	Title/ Sponsorship	Time and Place
Wednesday February 29 2012	Professor Paul W. Ayers Department of Chemistry McMaster University http://www.chemistry.mcmaster.ca/ayers/paul.html	Concepts for Organizing Chemical Knowledge Sponsored by ACEnet	1:30 pm Chemistry 226 Host: R.J. Boyd
Friday March 2 2012	Professor Derek Pratt Department of Chemistry University of Ottawa http://www.science.uottawa.ca/fac/details.php?lang=eng&id=469	The Chemistry of Radical-Trapping Antioxidants: Are Phenols Really Best?	1:30 pm Chemistry 226 Host: D.L. Jakeman
Friday March 9 2012	Dr. Devanand M. Pinto National Research Council Institute for Marine Biosciences http://www.nrc-cnrc.gc.ca/eng/people/pinto_devanand_5030.html	Bioanalytical Methods for Understanding Glycolysis in Breast Cancer	1:30 pm Chemistry 226 Host: A.A. Doucette
Monday March 12 2012	Professor Lucas G. Swan Department of Mechanical Engineering Dalhousie University http://me.dal.ca/Faculty/Lukas_Swan.php	Renewable Electricity Issues and the Qualities Required of Energy Storage System Solutions	1:30 pm Chemistry 226 Host: M.A. White
Friday March 16 2012	Professor Claude Spino Department of Chemistry University of Sherbrooke http://www.usherbrooke.ca/chimie/personnel/professeurs/professeurs/claude-spino/	Syntheses of Natural Products from a Climber's Point of View Sepracor Lecture	1:30 pm Chemistry 226 Host: D.J. Burnell
Friday March 23 2012	Professor John Sorensen (also recruiting) Department of Chemistry University of Manitoba http://home.cc.umanitoba.ca/~sorensen0/	Natural Product Biosynthesis in Northern Manitoba Lichen and other Fungi	1:30 pm Chemistry 226 Host: L. Turculet
Friday March 30 2012	Professor Stephen L. Bearne Department of Biochemistry & Molecular Biology Dalhousie University http://www.biochem.dal.ca/faculty/facultypages/bearne/	Catalysis by Racemases: Motions Accompanying Stereo-inversion at Carbon	1:30 pm Chemistry 226 Host: L. Turculet
Friday April 13 2012	Professor Matthias Ernzerhof Department of Chemistry University of Montreal http://www.chimie.umontreal.ca/en/people/professors/Ernzerhof_Matthias/	Kekulé Formulas and Orbitals of Graphene: Combining Old and New Concepts to Better Understand Conjugated Systems	1:30 pm Chemistry 226 Host: J.W. Zwanziger
Friday April 20 2012	Professor André M. Beauchemin Department of Chemistry University of Ottawa http://www.chemistry.uottawa.ca/details.php?id=34&lang=eng	Recent Advances in Metal-free Aminations: Cope-type Hydroaminations, Approaches to beta- Aminocarbonyl Motifs and Tethering Organocatalysts	1:30 pm Chemistry 226 Host: M. Stradiotto
Monday April 23 2012	Professor Cathleen M. Crudden Department of Chemistry Queen's University http://www.cruddengroup.com/theboss.asp	Challenging the Suzuki-Miyaura Reaction: Chiral Substrates for Chiral Products	2:30 pm Chemistry 226 Host: M. Stradiotto
Friday May 18	Professor Manuel Yañez Department of Chemistry	Non-covalent Interactions: From	1:30 pm Chemistry 226

Date	Speaker/ Institute	Title/ Sponsorship	Time and Place
2012	Universidad Autónoma Madrid http://www.uam.es/departamentos/ciencias/quimica/estruct/manuel/index-en.htm	HB _s to Beryllium Bonds and Metallocycles	Host: R.J. Boyd

July 1, 2010 – June 30, 2011

Date	Speaker/ Institute	Title/ Sponsorship	Time and Place
Friday August 6	Dr. Jan J. Weigand Department of Chemistry University of Münster, Germany	Facile Construction of Diverse Ring- and Clustersystems via Phosphorus Building Blocks	1:30 pm Chemistry 226 Host: N. Burford
Wednesday August 11	Professor Gillian Goward Department of Chemistry McMaster University http://www.chemistry.mcmaster.ca/goward/index.html	Studies of Ion Mobility in Cathode Materials for Lithium Ion Batteries Solid State NMR	1:00 pm Chemistry 226 Host: J.W. Zwanziger
Friday September 10	Professor Kenneth G. Caulton Department of Chemistry Indiana University http://caulton.chem.indiana.edu/	Spin States, Unsaturation and Pi-Donation: Impact on Reactivity?	1:30 pm Chemistry 226 Host: M. Stradiotto
Friday September 17	Professor Michael G. Organ Department of Chemistry York University http://www.yorku.ca/organ/	Pd N-Heterocyclic Carbene Catalysts: How Much Bigger is Better?	1:30 pm Chemistry 226 Host: M. Stradiotto
Friday September 24	Professor R. Tom Baker Department of Chemistry University of Ottawa http://www.science.uottawa.ca/fac/details.php?lang=eng&id=412	Base-promoted, Two-electron Mechanism for Oxovanadium Complex-catalyzed Aerobic Oxidation of Lignin Models	1:30 pm Chemistry 226 Host: M. Stradiotto
Friday October 1	Professor Daniel B. Leznoff Department of Chemistry Simon Fraser University http://www.chemistry.sfu.ca/people/profiles/dleznoff	Ancient Metals in Advanced Materials: Cyanide-based Coordination Polymers Strem Chemicals Pure or Applied Inorganic Chemistry Lecture Tour	1:30 pm Chemistry 226 Host: M.A. White
Friday October 8	Professor Michael P. Shaver Department of Chemistry University of Prince Edward Island http://www.upei.ca/chemistry/shaver	Catalyst Design and Control over Polymerization Reactions	1:30 pm Chemistry 226 Host: N. Burford
Thursday October 14	Professor Yining Huang Department of Chemistry University of Western Ontario http://www.uwo.ca/chem/people/faculty/huang.htm	Characterization of Inorganic Framework Materials by Solid-state NMR	10:30 am Chemistry 540 Host: J.W. Zwanziger
Tuesday October 19	Professor Martin P. Head-Gordon Department of Chemistry University of California Berkeley http://chem.berkeley.edu/faculty/head-gordon/index.php	Advances in Practical Density Functional Theory Calculations	12:00 noon Chemistry 226 Host: R.J. Boyd
Friday October 22	Carl C. Coffin Lecture Dr. Ken Edgecombe Executive Director at HPCVL Queen's University http://www.hpcvl.org/contactus.html	From Atomic and Diatomic Systems to the Data Deluge: Opportunities for Innovation	1:30 pm Chemistry 226 Host: R.J. Boyd

Date	Speaker/ Institute	Title/ Sponsorship	Time and Place
Monday October 25	Professor Lutz Ackermann Institute for Organic & Biomolecular Chemistry Georg-August-Universität Göttingen http://www.ackermann.chemie.uni-goettingen.de/	Metal-catalyzed Direct C-H Bond Functionalizations for Sustainable Synthesis	1:30 pm Chemistry 226 Host: M. Stradiotto
Thursday October 28	Walter J. Chute Distinguished Lecture Series in Chemistry: Dr. Joanna Aizenberg Wyss Institute at Harvard http://wyss.harvard.edu/viewpage/118/joanna-aizenberg	Actuated “Spiny” Surfaces ÷ la Echinoderms: en Route for Adaptive Materials Public Lecture	8:00 pm Chemistry 125 Host: N. Burford
Friday October 29	Walter J. Chute Distinguished Lecture Series in Chemistry: Dr. Joanna Aizenberg Wyss Institute at Harvard http://wyss.harvard.edu/viewpage/118/joanna-aizenberg	Bio-Inspired Approaches to Crystal Design Research Lecture	1:30 pm Chemistry 226 Host: N. Burford
Friday November 5	Professor Vicki Meli Department of Chemistry & Biochemistry Mount Allison University http://www.mta.ca/faculty/science/chem/meli.html	Insights into the Formation of Nanoparticle Monolayers at Fluid Interfaces	1:30 pm Chemistry 226 Host: P. Zhang
Friday November 19	Professor Gregory D. Scholes Department of Chemistry University of Toronto http://www.chem.utoronto.ca/ppl/faculty_profile.php?id=59	Quantum-mechanical Optimization of Light- harvesting in Photosynthesis	1:30 pm Chemistry 226 Host: P. Zhang
Friday December 3	Professor Paul W. Ayers Department of Chemistry and Chemical Biology McMaster University http://www.chemistry.mcmaster.ca/ayers/paul.html	From Electrons to Enzymes	1:30 pm Chemistry 226 Host: R.J. Boyd
Wednesday December 8	Professor David J.H. Emslie Department of Chemistry & Chemical Biology McMaster University http://www.chemistry.mcmaster.ca/emslie/index.html	Uncommonly Rigid Ligands for the Development of Actinide Organometallic and Redox Chemistry	12 noon Chemistry 226 Host: N. Burford
Friday December 10	Professor Melanie Cooper Department of Chemistry Clemson University http://chemistry.clemson.edu/people/cooper.html	Chemistry, Life, the Universe and Everything	1:30 pm Chemistry 226 Host: N. Burford
Friday January 14	Professor Peng Zhang Department of Chemistry Dalhousie University http://chemistry.dal.ca/Faculty/Professors/Zhang%2C_Peng/index.php	X-ray Spectroscopy Studies and Biomedical Applications of Nano- materials	1:30 pm Chemistry 226 Host: N. Burford
Friday January 21	Professor Alison J. Frontier Department of Chemistry University of Rochester http://www.chem.rochester.edu/faculty/faculty.php?name=frontier	New Twists in Nazarov Cyclization Chemistry Financially supported by Sepracor	1:30 pm Chemistry 226 Host: D.J. Burnell

Date	Speaker/ Institute	Title/ Sponsorship	Time and Place
Friday February 11	Professor Curtis P. Berlinguette Department of Chemistry University of Calgary http://people.ucalgary.ca/~cberling/Curtis_Berlinguette/BerlinguetteResearch.html	Rational Design of Chromophores for Dye-sensitized Solar Cells	1:30 pm Chemistry 226 Host: N. Burford
Friday February 18	Professor Jonathan S. Lindsey Department of Chemistry North Carolina State University http://www.ncsu.edu/chemistry/people/jsl.html	Capturing Red and Near Infrared Light with Synthetic Chlorophylls	1:30 pm Chemistry 226 Host: A. Thompson
Friday March 4	Professor Christa L. Brosseau Department of Chemistry Saint Mary's University http://www.smu.ca/academic/science/chemist/bios/f_BrosseauC_Bio.html	New Frontiers in Surface-enhanced Raman Spectroscopy	1:30 pm Chemistry 226 Host: P. Zhang
Friday March 11	Professor Michael Freund Department of Chemistry University of Manitoba http://www.umanitoba.ca/chemistry/people/freund/Welcome.html	Manipulating Conjugated Polymer Structure and Chemistry: Creating Active Materials for Sensing and Electronic Applications	1:30 pm Chemistry 226 Host: M.A. White
Friday March 18	Professor Sara Eisler Department of Chemistry University of New Brunswick http://www.unb.ca/fredericton/science/chem/seisler/Research1_temp_b.html	The Synthesis of Amide Functionalized Carbon-rich Macrocycles: Bottom Up Approach to Carbon Nanotubes	1:30 pm Chemistry 226 Host: D.J. Burnell
Friday March 25	Professor Stephanie MacQuarrie Department of Chemistry Cape Breton University http://chem.cbu.ca/chemistry/?page_id=12&faculty=MacQuarrie	Incorporating Chiral Organic Catalysts into Ordered Inorganic Mesoporous Supports	1:30 pm Chemistry 226 Host: F.L. Cozens
Friday April 15	Professor Michael McGlinchey School of Chemistry & Chemical Biology University College Dublin	Electronic and Steric Barriers to Molecular Rearrangements in Organic and Organometallic Chemistry: Syntheses, Structures and Broken Symmetry	1:30 pm Chemistry 226 Host: M. Stradiotto
Wednesday April 20	Professor Claude Lecomte Physics and Crystallography Nancy Université France http://www.crm2.uhp-nancy.fr/crm2/fr/labo/pages_perso/Lecomte.php	Charge Density Research: Past, Present and Future Challenges for Crystallography	1:30 pm Chemistry 226 Host: C.F. Matta
Friday April 29	Professor Darren Derksen Department of Chemistry St. Francis Xavier University http://people.stfx.ca/dderksen/Lab_Site/Darren.html	Using the Tools of Organic Chemistry to Investigate Biological Systems	1:30 pm Chemistry 226 Host: D.L. Jakeman
Thursday May 19	Professor Louis Barriault Department of Chemistry University of Ottawa http://mysite.science.uottawa.ca/lbarriault/index.php	New Directions in Catalysis by Gold (I) and Domino Reactions.	2:00 pm Chemistry 223 Host: D.J. Burnell

Date	Speaker/ Institute	Title/ Sponsorship	Time and Place
Wednesday June 15	Professor Kevin M. Smith Department of Chemistry University of British Columbia Okanagan http://www.ubc.ca/okanagan/chem/faculty/smith.html	Exploring Reversible Chromium-Alkyl Bond Homolysis with Well-defined CpCr(Nacnac)(R) Complexes	1:30 pm Chemistry 226 Host: M. Stradiotto
Friday June 17	Professor Paul G. Hayes Department of Chemistry and Biochemistry University of Lethbridge http://people.uleth.ca/~p.hayes/pgh.php	Toward Rare Earth Imido Complexes: A Synthetic, Kinetic and Mechanistic Study	1:30 pm Chemistry 226 Host: M. Stradiotto

July 1, 2009 – June 30, 2010

Date	Speaker/ Institute	Title/ Sponsorship	Time and Place
Monday July 20	Professors Mauro L. Bonardi & Flavia Groppi Physics Department Universita degli Studi di Milano and Istituto Nazionale di Fisica Nucleare Milano, Italy	Prof. Bonardi – Accelerator and Nuclear Reactor Production, Radiochemical Processing and Quality Control of High-specific Activity Radionuclides for Applications in the Life Sciences Prof. Groppi – Cyclotron Production of High-specific Activity Radionuclides for Metabolic Radiotherapy: Re-186g and Lu-177g	11:30 am Chemistry 226 Host: A. Chatt
Thursday July 30	Cheryl Saunders Department of Chemistry Dalhousie University	Chemistry Safety Module: a New Laboratory Safety Teaching Tool	12:00 noon Chemistry 226 Host: N. Burford
Tuesday August 11	Professor D. Scott Bohle Department of Chemistry McGill University http://www.chemistry.mcgill.ca/directory/people.php?p=10&n=Bohle	The Natural Nanocrystalline Heme Complex in Malaria Pigment	3:30 pm Chemistry 226 Host: N. Burford
Monday August 24	Professor David J.H. Emslie Department of Chemistry McMaster University http://www.chemistry.mcmaster.ca/people/faculty/emslie/index.html	Uncommonly Rigid Non-Carbo-cyclic Ligands in Organoactinide Chemistry	3:30 pm Chemistry 226 Host: N. Burford

Date	Speaker/ Institute	Title/ Sponsorship	Time and Place
Wednesday September 2	Professor Brett Lucht Department of Chemistry University of Rhode Island http://www.chm.uri.edu/display_abstract.php?email=blucht&from=people&back=Faculty%20and%20Research&this=facres.php	Role of Electrolyte on the Formation of Electrode Surface Films in Lithium Ion Batteries	1:30 pm Chemistry 226 Host: J.R. Dahn
Friday September 18	Professor Georgii Nikonov Department of Chemistry Brock University http://www.brocku.ca/chemistry/faculty/Nikonov/	Mechanisms of Molybdenum Catalyzed Hydrosilylation	1:30 pm Chemistry 125 Host: M. Stradiotto
Friday September 25	Professor Laura Turculet Department of Chemistry Dalhousie University http://chemistry.dal.ca/Faculty/Professors/Turculet%2C_Laura.php	Late Metal Silyl Pincer Complexes: Applications in Challenging Bond Cleavage Reactions	1:30 pm Chemistry 125 Host: N. Burford
Friday October 2	Professor Matthias Bierenstiel - CANCELLED Department of Chemistry RESCHEDULED TO Cape Breton University MARCH 5 http://keefelab.cbu.ca/mbierenstiel/	New Multidentate N,S- Ligands for the Development of Binuclear Transition Metal Catalysts	1:30 pm Chemistry 125 Host: M. Stradiotto
Friday October 9	Carl C. Coffin Lecture Dr. Alex Jurgens Sepracor	Travels in Chemistry: Pharmaceutical Manufacturing in Nova Scotia	1:30 pm Chemistry 125 Host: N. Burford
Thursday October 15	Walter J. Chute Distinguished Lecture Series Dr. Jean-Marie Lehn The Nobel Prize in Chemistry 1987 http://nobelprize.org/nobel_prizes/chemistry/laureates/1987/lehn-cv.html	From Matter to Life: Chemistry? Chemistry! W.J. Chute Public Lecture	5:30 pm Chemistry 125 Host: N. Burford
Friday October 16	Walter J. Chute Distinguished Lecture Series Dr. Jean-Marie Lehn The Nobel Prize in Chemistry 1987 http://nobelprize.org/nobel_prizes/chemistry/laureates/1987/lehn-cv.html	Perspectives in Chemistry: From Supramolecular Chemistry Towards Adaptive Chemistry W.J. Chute Research Lecture	1:30 pm Chemistry 125 Host: N. Burford
Friday October 23	Professor Kevin Hewitt Department of Physics and Atmospheric Science Dalhousie University http://fizz.phys.dal.ca/~hewitt/	Plasmonics for Raman Spectroscopy based Bio-imaging	1:30 pm Chemistry 125 Host: : J.W. Zwanziger
Friday October 30	Professor Daniel Belanger Department of Chemistry University of Quebec at Montreal http://www.experts.uqam.ca/pages/belanger.daniel.htm	New Materials for Sustainable Development	1:30 pm Chemistry 125 Host: H. Andreas
Friday November 6	Professor Travis D. Fridgen Department of Chemistry Memorial University of Newfoundland http://www.chem.mun.ca/zfac/tdf.php	Structures and Reactions of Gaseous Ions and Ion-Molecule Complexes Financially supported by APICS and Atlantic CIC	1:30 pm Chemistry 125 Host: P. Zhang

Date	Speaker/ Institute	Title/ Sponsorship	Time and Place
Monday November 9	Professor Arthur Mar Department of Chemistry University of Alberta http://xray.chem.ualberta.ca/mar/	Metals in Negative Oxidation States	1:30 pm Chemistry 125 Host: N. Burford
Friday November 13	Professor Scott Taylor Department of Chemistry University of Waterloo http://www.science.uwaterloo.ca/~s5taylor/	Organosulfates: Their Synthesis and the Enzymes that Process Them	1:30 pm Chemistry 125 Host: D.L. Jakeman
Friday November 20	Professor Age K. Smilde Swammerdam Institute for Life Sciences University of Amsterdam http://www.bdagroup.nl/index.php/people	Metabolomics: a Crucial Part of Systems Biology	1:30 pm Chemistry 125 Host: P.D. Wentzell
Thursday November 26	Professor Varinder K. Aggarwal <i>Seminar Cancelled...Flight cancelled</i> School of Chemistry Bristol University http://www.chm.bris.ac.uk/staff/vaggarwal.htm	Sulfur Ylide Epoxidations and More Financially supported by Sepracor Canada Ltd.	4:00 pm Chemistry 223 Host: A. Thompson
Friday November 27	Professor Varinder K. Aggarwal School of Chemistry Bristol University http://www.chm.bris.ac.uk/staff/vaggarwal.htm	Chiral Carbenoids for Asymmetric Synthesis Financially supported by Sepracor Canada Ltd.	1:30 pm Chemistry 125 Host: A. Thompson
Friday December 4	Professor Natalie M. Cann Department of Chemistry Queen's University http://www.chem.queensu.ca/GeneralQueries/personal_details.asp?peopleID=202	Chiral Discrimination and Chromatography: Insights from Simulations	1:30 pm Chemistry 125 Host: R.J. Boyd
Friday December 11	Dr. Dan McKay Senior Research Scientist Merck Frosst Montreal	Design of Potent and Selective CAT-B Inhibitors using Production Level Molecular Dynamics	1:30 pm Chemistry 125 Host: D.F. Weaver
Friday January 15	Professor Khashayar Ghandi Department of Chemistry & Biochemistry Mount Allison University http://www.mta.ca/faculty/science/chem/ghandi.html	When an Antimatter Matters in Chemistry	1:30 pm Chemistry 226 Host: J.W. Zwanziger
Wednesday January 20	Professor Mark S. Taylor Department of Chemistry University of Toronto http://www.chem.utoronto.ca/ppl/faculty_profile.php?id=165	Noncovalent Interactions as Inspiration for Receptors, Chemical Sensors and Catalysts	1:30 pm Chemistry 226 Host: A. Thompson
Friday January 22	Professor Pekka Pyykko Department of Chemistry University of Helsinki http://www.chem.helsinki.fi/~pyykko/	Predicting New, Simple Inorganic Species	1:30 pm Chemistry 226 Host: R.J. Boyd
Tuesday February 2	Dr. Adrian Culf Atlantic Cancer Research Institute http://www.canceratlantique.ca/adrian_culf.cfm	Meisenheimers, Microwaves and Molecules: Creating Functional Chemicals	12:00 noon Chemistry 226 Host: C. Matta
Friday February 12	Professor Robert D. Singer Department of Chemistry Saint Mary's University http://www.smu.ca/academic/science/chemist/bios/f_robert_singer.html	Ionic Liquids: Green (er) Solvents for Catalysis and Separations	1:30 pm Chemistry 226 Host: M. Stradiotto

Date	Speaker/ Institute	Title/ Sponsorship	Time and Place
Friday February 19	Professor M. Cynthia Goh Department of Chemistry and Institute of Medical Sciences University of Toronto http://www.chem.utoronto.ca/ppl/faculty_profile.php?id=19	BioNanotechnology: Merging Science and Commercialization	1:30 pm Chemistry 226 Host: J.K. Rainey
Friday March 5	Professor Matthias Bierenstiel Department of Chemistry Cape Breton University http://keefelab.cbu.ca/mbierenstiel/	New Multidentate N,S- Ligands for the Development of Binuclear Transition Metal Catalysts	1:30 pm Chemistry 226 Host: M. Stradiotto
Friday March 12	Professor Melanie Cooper Department of Chemistry CANCELLED Clemson University http://chemistry.clemson.edu/people/cooper.html	Chemistry, Life, the Universe and Everything	1:30 pm Chemistry 226 Host: N. Burford
Friday March 19	Professor Alan A. Doucette Department of Chemistry Dalhousie University http://chemistry.dal.ca/Faculty/Professors/Doucette%2C Alan.php	The Proteomics Toolbox	1:30 pm Chemistry 226 Host: N. Burford
Friday March 26 2010	Dr. Jocelyne Hellou Bedford Institute of Oceanography http://www.mar.dfo-mpo.gc.ca/science/ocean/org/ocg1.html	Stressed Snails and Organic Contaminants: A Model for the Balancing Act of Chemical Fates	1:30 pm Chemistry 226 Host: P. Wentzell
Friday April 9	Dr. Dan A. Neumann National Institute of Standards & Technology Gaithersburg, MD http://www.nenr.nist.gov/staff/dan/	Hydrogen Storage Research at the NIST Center for Neutron Research	1:30 pm Chemistry 226 Host: M.A. White
Friday April 16	Professor Michael Baird Department of Chemistry Queen's University http://www.chem.queensu.ca/people/faculty/Baird/index.htm	Transition Metal Catalysis for Organic Synthesis and Alkene Polymerization: New Tricks	1:30 pm Chemistry 226 Host: M. Stradiotto
Wednesday May 5	Professor Paul Mezey Department of Chemistry Memorial University of Newfoundland http://www.chem.mun.ca/zfac/pm.php	Large Scale Quantum Chemistry Computations of Macromolecules	4:00 Chemistry 226 Host: R.J. Boyd
Monday May 10	Dr. Rui Resendes Executive Director of Green Centre Canada Professor Philip Jessop Canada Research Chair in Green Chemistry Queen's University and Technical Director of Green Centre Canada www.greencentrecanada.com	GreenCentre Canada: Changing Chemistry, Changing the World	2:00 pm Chemistry 226 Host: N. Burford
Friday May 14	Professor David A.R. Sanders Department of Chemistry University of Saskatchewan http://www.usask.ca/chemistry/faculty_sanders.html	Targeting Galactofuranose Biosynthesis: Structural Insights and Drug Design	1:30 pm Chemistry 226 Host: D.L. Jakeman
Tuesday May 25	Professor Nicholas Spencer Swiss Federal Institute of Technology Zurich http://www.surface.mat.ethz.ch/people/professors/spencern	Gradients of Surface Chemistry and Morphology	1:30 pm Chemistry 226 Host: J.R. Dahn

Date	Speaker/ Institute	Title/ Sponsorship	Time and Place
Friday May 28	Professor Manfred Scheer Institute of Inorganic Chemistry University of Regensburg http://translate.googleusercontent.com/translate_c?hl=en&sl=de&u=http://www.chemie.uni-regensburg.de/Anorganische_Chemie/Scheer/index.html&prev=/search%3Fq%3Duniversity%2Bof%2Bregensburg%26hl%3Den&rurl=translate.google.ca&usg=ALkJrh_8yeuhPZCDc-rtnzcA9miKr95jw	Complexed Group 15 Elements in Molecular and Supramolecular Environments	1:30 pm Chemistry 226 Host: N. Burford
Monday June 28	Professor Sharon Roscoe Department of Chemistry Acadia University http://chemistry.acadiau.ca/sroscoe.html	Unraveling Protein Behaviour at Surfaces: an Electrochemical, Spectroscopic and Imaging Approach	1:30 pm Chemistry 226 Host: H. Andreas

Fall 2008/Winter 2009

Date	Speaker/ Institute	Title/ Sponsorship	Time and Place
Tuesday September 16	Professor A. Alan Pinkerton Department of Chemistry The University of Toledo http://www.chem.utoledo.edu/FAC_INFO/Pinkerton/SOURCE.htm	From Molecular Structure to Thermodynamics – Modern Applications for X-ray Crystallography	12 noon Chemistry 226 Host: T.S. Cameron
Friday September 19	Mr. Amer Ebied Viscotek Corporation London, Ontario	Size Exclusion Chromatography with Online Light Scattering and Molecular Density Detectors for Advanced Macromolecular Characterization	1:30 pm Chemistry 226 Host: P. Zhang
Friday September 26	Dr. Andrew J. Myles National Institute for Nanotechnology University of Alberta http://nint-innt.nrc-enrc.gc.ca/research/supra/myles:e.html	Self-assembled Rosette Nanotubes <i>Joint with Institute for Research in Materials</i>	1:30 pm Chemistry 226 Host: M.A. White
Friday October 3	Professor Lou Massa Department of Chemistry Hunter College of CUNY http://www.hunter.cuny.edu/chemistry/faculty/Lou/Lou	The Mechanism of Peptide Bond Formation in the Ribosome	1:30 pm Chemistry 226 Hosts: P. Zhang & C. Matta
Friday October 10	Dr. Mark Andrew Reed Department of Chemistry Dalhousie University	New Synthetic Methods and Biological Activity of Conformationally Constrained Molecules	1:30 pm Chemistry 226 Host: D.F. Weaver
Friday October 17	Carl C. Coffin Lecture: Dr. Laurier L. Schramm Saskatchewan Research Council http://www.ucalgary.ca/~schramm/lsresume.htm	Chemical Technology and the Emergence of a Prairie Energy Superpower, from Fossil to Green	1:30 pm Chemistry 226 Host: N. Burford
Friday October 24	Professor Mark S. Workentin Department of Chemistry University of Western Ontario http://publish.uwo.ca/~mworkent/	Photochemical, Electrochemical and Thermal Reactions to Probe Reactivity on Monolayer Protected Metal Nanoparticles and	1:30 pm Chemistry 226 Host: A. Thompson

<i>Date</i>	<i>Speaker/ Institute</i>	<i>Title/ Sponsorship</i>	<i>Time and Place</i>
		to Build New Architectures	
Friday November 7	Professor Francesca M. Kerton Department of Chemistry Memorial University of Newfoundland http://www.chem.mun.ca/zfac/fmk.php	Green Chemistry: Alternative Solvents and Catalysis	1:30 pm Chemistry 226 Host: L. Turculet
Friday November 14	Professor Sherri McFarland Department of Chemistry Acadia University http://chemistry.acadiau.ca/faculty/mcfarland/home.html	Light-activated Ruthenium Complexes for Cancer Therapy	1:30 pm Chemistry 226 Host: A. Thompson
Monday November 17	Walter J. Chute Lecture Professor Geoffrey A. Ozin University of Toronto http://www.chem.utoronto.ca/peoples/faculty_profile.php?id=49	P-Ink and Elast-Ink: Lab-to-Market	8 pm Chemistry 125
Tuesday November 18	Walter J. Chute Research Lecture Professor Geoffrey A. Ozin University of Toronto http://www.chem.utoronto.ca/peoples/faculty_profile.php?id=49	Ultrathin Nanowires	11:30 am Chemistry 226 Host: N. Burford
Friday November 21	Professor Vy M. Dong Department of Chemistry University of Toronto http://www.chem.utoronto.ca/staff/vdong/about.html	Mechanism Inspired Methods for Organic Synthesis	1:30 pm Chemistry 226 Host: L. Turculet
Friday November 28	Professor Fraser Hof Department of Chemistry University of Victoria	Chemical Tools for Mimicking and Interfering with Protein- protein Interaction Hot Spots	1:30 pm Chemistry 226 Host: R.L. White
Friday December 5	Professor Anthony Mittermaier Department of Chemistry McGill University http://www.chemistry.mcgill.ca/directory/people.php?p=26&n=Mittermaier	Exploring the Energy Landscape of Protein Folding and Binding using NMR and Calorimetry	1:30 pm Chemistry 125 Host: J.K. Rainey
Friday December 12	Professor Ross W. Boyle Department of Chemistry University of Hull, UK http://www.hull.ac.uk/chemistry/academic_staff.php?id=rwb	Oligopyrroles – Synthesis and Applications in Materials and Biomedical Science	1:30 pm Chemistry 226 Host: A. Thompson
Friday January 9	Dr. Chris Barden DeNovaMed Inc. Dalhousie University http://www.denovamed.com/Management.htm	Adventures in Computer-aided Drug Design	1:30 pm Chemistry 226 Host: D.F. Weaver
Friday January 16	Professor Bruce A. Arndtsen Department of Chemistry McGill University http://www.chemistry.mcgill.ca/directory/people.php?p=7&n=Arndtsen	Metal Catalyzed One Step Synthesis: Towards Efficient Routes to Biologically Relevant Products and New Polymers	1:30 pm Chemistry 226 Host: L. Turculet
Tuesday January 20	Dr. Jaroslav Kralovec Director of Research Ocean Nutrition http://www.linkedin.com/pub/3/b37/667	Health Benefits and Production of Omega-3 Fatty Acid Concentrates	12:00 noon Chemistry 226 Host: T.B. Grindley
Friday January 23	Professor Chao-Jun Li Department of Chemistry McGill University	Green Chemistry: Exploring New Reactivities for Synthetic Efficiency	1:30 pm Chemistry 226 Host: M. Stradiotto

<i>Date</i>	<i>Speaker/ Institute</i>	<i>Title/ Sponsorship</i>	<i>Time and Place</i>
	http://www.chemistry.mcgill.ca/directory/people.php?p=24&n=Li&t=synthcatal		
Friday January 30	Professor Shawn Collins Department of Chemistry University of Montreal http://www.chimie.umontreal.ca/profs/angl_CollinsShawn.htm	Catalyst Design Inspired by Natural Product Synthesis	1:30 pm Chemistry 226 Host: D.J. Burnell
Friday February 13	Professor D. Jean Burnell Department of Chemistry Dalhousie University http://chemistry.dal.ca/Faculty/Professors/Burnell%2C_D._Jean.php	An Exploration of Ring- forming Reactions	1:30 pm Chemistry 226 Host: A. Thompson
Friday February 20	Professor Matthias Bierenstiel Department of Chemistry Cape Breton University http://faculty.cbu.ca/chemistry/bierenstiel_chem.html	Exploiting Metal-metal Interactions – Synthesis and Applications of Tetradentate Ligand Systems for Binuclear Transition Metal Complexes	1:30 pm Chemistry 226 Host: M. Stradiotto
Friday March 6	Professor Stephen G. Withers Department Chemistry University of British Columbia http://www.biochem.ubc.ca/fac_research/faculty/withers.html	Glycosidase Inhibitors by Selection and by Design: Towards New Therapeutics Financially Supported by Sepracor	1:30 pm Chemistry 226 Host: D.L. Jakeman
Friday March 13	Professor Aibing Xia Department of Chemistry Mount St. Vincent University http://www.msvu.ca/chemistry/faculty/xia.htm	Synthesis and Applications of Iminophosphinite Ligands	1:30 pm Chemistry 226 Host: M. Stradiotto
Friday March 20	Professor Aaron Wheeler Department of Chemistry University of Toronto http://www.chem.utoronto.ca/staff/WHEELER/Main.htm	Hybrid Microfluidics for Pre-processing and Separations	1:30 pm Chemistry 226 Host: A.A. Doucette
Friday March 27	Dr. Enrico Purisima Biotechnology Research Institute NRC http://www.irb-bri.cnrc-nrc.gc.ca/rd/health/compchemistry/index_e.html	Entropy: The Good, the Bad and the Ugly	1:30 pm Chemistry 226 Host: R.J. Boyd
Friday April 3	Dr. H. Martin Gillis Chemical Safety Officer Environmental Health & Safety Office Dalhousie University http://environmentalhealthandsafetyoffice.dal.ca/radiatio_1537.html	Management of Hazardous Materials	1:30 pm Chemistry 226 Host: M. Stradiotto
Friday April 24	Dr. Michael Quilliam NRC http://www.pamba.ca/Profile%20Archives/Michael%20Quilliam.htm	Chemical Metrology of Algal Biotoxins	1:30 pm Chemistry 226 Host: P.D. Wentzell

SEMINAR SCHEDULE
Department of Chemistry, Dalhousie University

Winter 2008

<i>Date</i>	<i>Speaker/ Institute</i>	<i>Title/ Sponsorship</i>	<i>Time and Place</i>
Friday January 11	Dr. Benoit Simard Molecular and Nano-material Architectures NRC-SIMS Ottawa http://steacie.nrc-cnrc.gc.ca/personal/simard/ben_index_e.html	Single-walled Carbon Nanotubes: Synthesis, Chemistry and Integration into High Performance Materials Joint with Institute for Research in Materials	1:30 pm Chemistry 226 Host: M.A. White
Friday January 25	Professor Mark Stradiotto Department of Chemistry Dalhousie University http://chemistry.dal.ca/Faculty/Professors/Stradiotto%2C_Mark.php	Designing Reactive Transition Metal Complexes: The Intersection of Basic and Applied Research FOS – Killam Research Award Seminar	1:30 pm Chemistry 226 Host: N. Burford
Friday February 8	Professor Glen Briand Department of Chemistry Mount Allison University http://www.mta.ca/faculty/science/chem/briand.html	Approaches to Probing the Coordination Chemistry of Heavy p-Block Metals	1:30 pm Chemistry 226 Host: N. Burford
Friday February 15	Professor Ian G. Hill Department of Physics and Atmospheric Science Dalhousie University http://fizz.phys.dal.ca/~ihill/OEMD%20Home.html	Engineering Interfaces in Organic Electronic Devices	1:30 pm Chemistry 226 Host: M.A. White
Friday February 22	Professor Marc L. Snapper Department of Chemistry Boston College http://www.bc.edu/schools/cas/chemistry/faculty/snapper.html	New Reactions: Harnessing Antiaromaticity to Generate Molecular Complexity Financially supported by Sepracor Canada Ltd.	1:30 pm Chemistry 226 Host: D.J. Burnell
Friday February 29	Professor Paul Ragona Department of Chemistry University of Western Ontario http://www.uwo.ca/chem/people/faculty/ragona.htm	Redox Routes to Cationic Selenium-Nitrogen Rings and the Formation of Element→Chalcogen Coordination Compounds	1:30 pm Chemistry 226 Host: N. Burford
Wednesday March 5	Professor Douglas W. Stephan Department of Chemistry University of Toronto http://www.chem.utoronto.ca/staff/DSTEPHAN	Frustrated Lewis Pairs: From Unique Reactivity to Metal-free Catalysis	1:30 pm Chemistry 226 Host: N. Burford
Friday March 7	Professor Jean-Pol Dodelet INRS – Energy, Materials and Telecommunications University of Quebec http://pach2.qc.ca/NosMembres/Professeurs/DodeletE.htm	Fe-based Electrocatalysts for the Reduction of Oxygen in PEM Fuel Cells	1:30 pm Chemistry 226 Host: J.R. Dahn
Wednesday March 12	Dr. Brian Fahie Eli Lilly and Company Indianapolis http://www.elililly.com	21 st Century Drug Development – Blurring the Gap between the Academic and Industrial Chemist	1:30 pm Chemistry 226 Host: J.A. Pincock

<i>Date</i>	<i>Speaker/ Institute</i>	<i>Title/ Sponsorship</i>	<i>Time and Place</i>
Friday March 14	Professor Robert A. Gossage Department of Chemistry Acadia University http://ace.acadiau.ca/science/chem/faculty/gossage/home.htm	Oxazolines: Ligands for Coordination and Medicinal Chemistry	1:30 pm Chemistry 226 Host: M. Stradiotto
Monday March 17	Professor A. Gernot Frenking Department of Chemistry Philipps-Universität Marburg http://www.uni-marburg.de/fb15/ag-frenking/prof_frenking	Molecules with Unusual Bonding Situations – Theoretical Results and Experimental Challenge	1:30 pm Chemistry 226 Host: R.J. Boyd
Thursday March 27	Walter J. Chute Distinguished Lecture Series in Chemistry: Dr. Harry B. Gray Division of Chemistry and Chemical Engineering CalTech http://www.cce.caltech.edu/faculty/gray/index.html	Powering the Planet with Solar Energy W.J. Chute Lecture Series	8 p.m. Chemistry 226 Host: N. Burford
Friday March 28	Walter J. Chute Distinguished Lecture Series in Chemistry: Dr. Harry B. Gray Division of Chemistry and Chemical Engineering CalTech http://www.cce.caltech.edu/faculty/gray/index.html	The Currents of Life: Electron Flow through Proteins W.J. Chute Lecture Series	1:30 p.m. Chemistry 226 Host: N. Burford
Friday April 11	Professor Jason Masuda Department of Chemistry St. Mary's University	The “Ins” and “Outs” of Phosphorus with Carbenes	1:30 p.m. Chemistry 226 Host: N. Burford

Fall 2007

<i>Date</i>	<i>Speaker/ Institute</i>	<i>Title/ Sponsorship</i>	<i>Time and Place</i>
Friday September 7	Professor Neil R. Thomas School of Chemistry University of Nottingham http://www.nottingham.ac.uk/chemistry/staff/staffrole.php?id=NTU3ODM2&page_var=personal	Stopping the White Plague & Biocatalysis in Green Solvents	1:30 p.m. Chemistry 223 Host: D.L. Jakeman
Friday September 14	Professor Samuel A. Johnson Department of Chemistry and Biochemistry University of Windsor http://www.uwindsor.ca/units/biochem/web/ChemistryPeople.nsf/19ddc575537630c20525686a006ce0f8/afb7da39e8e3cddb85256c6d006047c9!OpenDocument	Cooperativity in Transition Metal Systems: Inert Bond Activation and Molecular Magnetism	1:30 p.m. Chemistry 226 Host: L. Turculet
Friday September 21	Professor Frederick A. Rueggeberg Department of Oral Rehabilitation School of Dentistry Medical College of Georgia http://webapp.mcg.edu/PROD/ifl.viewfac?CGIemplid=000808	Science and Materials Characterization of Photo-activated Resins in Dentistry Joint with Dentistry and Institute for Research in Materials	1:30 p.m. Chemistry 226 Host: M.A. White
Wednesday September 26	Professor Rob O'Brien Department of Chemistry University of British Columbia Okanagan http://web.ubc.ca/okanagan/chees/faculty/robrien.html	Mass Spectrometry Ionization Research Relating to Metabolomics and other Chemical Profiling Applications	1:30 p.m. Chemistry 226 Host: A.A. Doucette

<i>Date</i>	<i>Speaker/ Institute</i>	<i>Title/ Sponsorship</i>	<i>Time and Place</i>
Friday September 28	Professor Rebecca A. Jamieson Department of Earth Sciences Dalhousie University http://earthsciences.dal.ca/people/jamieson/jamieson_ra.html	Baking the Bedrock – The A-B-C's of Contact Metamorphism in Halifax Joint with Institute for Research in Materials	1:30 p.m. Chemistry 226 Host: M.A. White
Friday October 5	Professor Sean McGrady Department of Chemistry University of New Brunswick http://www.unb.ca/fredericton/science/chem/smcgrady/	The Hydrides of Groups 13 and 14: New Tricks from an Old Dog	1:30 p.m. Chemistry 226 Host: M. Stradiotto
Friday October 12	Dr. Sheldon N. Crane Department of Medicinal Chemistry Merck Frosst Canada Ltd.	Cathepsin K Inhibitors for the Treatment of Osteoporosis	1:30 p.m. Chemistry 226 Host: D.J. Burnell
Friday October 19	Professor Jillian M. Buriak <i>Department of Chemistry University of Alberta</i> http://www.chem.ualberta.ca/faculty_staff/faculty/buriak.html	<u>CANCELLED</u>	1:30 p.m. Chemistry 226 Host: R.J. Boyd
Monday October 22	Carl C. Coffin Lecture: Professor K.W. Michael Siu Department of Chemistry York University http://www.chem.yorku.ca/profs/siu/	Discovery and Verification of Potential Cancer Biomarkers: An Integration of Mass Spectrometry-based Proteomics and Immunohistochemistry C.C. Coffin Lecture Series	1:30 p.m. Chemistry 226 Host: J.A. Pincock
Friday November 2	Professor Matthew Lukeman Department of Chemistry Acadia University http://ace.acadiau.ca/~mlukeman/	Improving Photoremoveable Protecting Groups	1:30 p.m. Chemistry 226 Host: J.A. Pincock
Wednesday November 7	Professor Kirpal S. Bisht Department of Chemistry University of South Florida http://chemistry.usf.edu/faculty/bisht/	Synthetic Chemistry – A Lesson in Selectivity	1:30 p.m. Chemistry 226 Host:
Friday November 9	Professor James Gauld <i>Department of Chemistry University of Windsor</i>	<u>CANCELLED</u>	1:30 p.m. Chemistry 226 Host: R.J. Boyd
Thursday November 15	Professor Jeffrey Schwartz Department of Chemistry Princeton University http://www.princeton.edu/~jsgroup/	TBA – Physics coordinator to let me know title Joint with Physics and Institute for Research in Materials	Time? Physics Bldg. Host: Ian Hill
Friday November 16	Professor Natia Frank Department of Chemistry University of Victoria http://www.chemistry.uvic.ca/nf.html	The Role of Conjugation in Multifunctional Magnetic Materials	1:30 p.m. Chemistry 226 Host: N. Burford
Friday November 23	Professor Alison Thompson Department of Chemistry Dalhousie University http://chemistry.dal.ca/Faculty/Professors/Thompson%2C_Alison.php	Synthetic Adventures with Pyrroles FOS – Killam Research Award Seminar	1:30 p.m. Chemistry 226 Host: J.A. Pincock

<i>Date</i>	<i>Speaker/ Institute</i>	<i>Title/ Sponsorship</i>	<i>Time and Place</i>
Friday November 30	Professor William Skene Department of Chemistry University of Montreal http://www.chimie.umontreal.ca/profs/angl_SkeneWilliam.htm	Novel Conjugated Materials based on Azomethines Joint with Institute for Research in Materials	1:30 p.m. Chemistry 226 Host: A. Thompson
Wednesday December 19	E. Gordon Young Lecture Professor Eugenia Kumacheva Department of Chemistry University of Toronto http://www.chem.utoronto.ca/peoples/faculty_profile.php?id=31	Microfluidics and Polymers: Discovery and Development Joint with The Chemical Institute of Canada and Institute for Research in Materials	4 p.m. The Scotia Bank Auditorium Host: R.J. Boyd

Winter 2006

<i>Date</i>	<i>Speaker/ Institute</i>	<i>Title/ Sponsorship</i>	<i>Time and Place</i>
Friday January 13	Professor Russell J. Boyd Department of Chemistry Dalhousie University http://chemistry.dal.ca/faculty/rjb.html	Electron Density: The Glue that Binds	1:30 p.m. Chemistry 226 Host: A.A. Doucette
Friday January 20	Professor Brian K. Hall Department of Biology Dalhousie University http://biology.dal.ca/index.html	The Ins and Outs of Skeletal Development and Evolution	1:30 p.m. Chemistry 226 Host: J.A. Pincock
Friday January 27	Dr. Colin G. Cameron Defence Research and Development Canada http://www.atlantic.drdc-rddc.gc.ca/home_e.shtml	Materials Research at DRDC Atlantic Financially Supported by IRM	1:30 p.m. Chemistry 226 Host: P. Zhang
Wednesday February 8	Dr. Alex Fallis Department of Chemistry University of Ottawa http://www.science.uottawa.ca/~aFallis/index.html	A Potpourri of Organic Synthesis: Adventures with Natural and Unnatural Products	1:30 p.m. Chemistry 226 Host: D.J. Burnell
Friday February 10	Dr. Michael Quilliam National Research Council http://www.nrc-cnrc.gc.ca/main_e.html	The Use of Liquid Chromatography- tandem Mass Spectrometry for the Discovery of Marine Toxin Analogues	1:30 p.m. Chemistry 226 Host: P.D. Wentzell
Wednesday February 15	Sepracor Lecture Professor Raymond J. Andersen Department of Chemistry University of British Columbia http://www.chem.ubc.ca/personnel/faculty/andersen	Marine Bioprospecting for Drug Leads and Cell Biology Tools Financially Supported by Sepracor	1:30 p.m. Chemistry 226 Host: A. Thompson

<i>Date</i>	<i>Speaker/ Institute</i>	<i>Title/ Sponsorship</i>	<i>Time and Place</i>
Friday February 17	Professor John Murimboh Department of Chemistry Acadia University http://ace.acadiau.ca/science/chem/faculty/murimboh/home.htm	Trace Metal Speciation in the Aquatic Environment: Some Characteristic Trends	1:30 p.m. Chemistry 226 Host: J.A. Pincock
Friday March 3	Professor James A. Pincock Department of Chemistry Dalhousie University http://chemistry.dal.ca/faculty/jap.html	Organic Photochemistry: A Personal Overview	1:30 p.m. Chemistry 226 Host: A.A. Doucette
Wednesday March 8	Dr. Mark D. Gibson Department of Civil Engineering and Environmental Health and Protection University of Strathclyde http://homepages.strath.ac.uk/%7Ecmas15/	Receptor Modelling of PM10 Aerosols and Temporal and Spatial Monitoring of Priority Pollutants in Glasgow	1:30 p.m. Chemistry 226 Host: R.D. Guy
Friday March 10	Professor Branko N. Popov CANCELLED Center for Electrochemical Engineering University of South Carolina http://www.che.sc.edu/faculty/popov/default.htm	Battery and Fuel Cell Research at U.S.C. Financially Supported by IRM	1:30 p.m. Chemistry 226 Host: J.R. Dahn
Friday March 17	Professor Patrick Lee Department of Microbiology and Immunology Dalhousie University http://microbiology.medicine.dal.ca/people/plee/	The Use of the Human Reovirus as an Anti Cancer Agent	1:30 p.m. Chemistry 226 Host: A.A. Doucette
Monday March 20	Professor Gilles A. Lajoie Department of Biochemistry University of Western Ontario http://www.biochem.uwo.ca/fac/lajoie	Analysis of Protein Post-translational Modifications: Finding all the Pieces	1:30 p.m. Chemistry 226 D.A. Volmer
Friday March 24	Professor Brian J. MacLean Department of Chemistry St. Francis Xavier University http://www.sfx.ca/people/bjmaclea/	Electrochemical Studies of Polymer-modified Electrodes	1:30 p.m. Chemistry 226 Host: M. Stradiotto
Monday March 27	Professor Randall Martin Department of Physics and Atmospheric Science Dalhousie University http://fizz.phys.dal.ca/~rvmartin	Analysis of Satellite Observations of Tropospheric Composition	1:30 p.m. Chemistry 226 Host: T.S. Cameron
Wednesday March 29	Professor Vladimir Popik Georgia Cancer Coalition Distinguished Cancer Scholar Department of Chemistry University of Georgia http://www.georgiacancer.org/html/res-dist-popik.php	Towards Photoswitchable Eneidyne Antibiotics	1:30 p.m. Chemistry 226 Host: N.P. Schepp
Friday March 31	Dr. ChŪrif F. Matta Department of Chemistry Dalhousie University http://www.chem.utoronto.ca/~cmatta	WHERE DO THINGS HAPPEN IN A MOLECULE? From Local Properties to Chemical Bonding and Reactivity	1:30 p.m. Chemistry 226 Host: R.J. Boyd
Friday April 7	Professor Gianluigi Botton Materials Science and Engineering McMaster University http://mse.eng.mcmaster.ca/faculty/botton/index.htm	Electron Microscopy and Spectroscopy of Nanoscale Materials Financially Supported by IRM	1:30 p.m. Chemistry 226 Host: P. Zhang

Fall, 2005

<i>Date</i>	<i>Speaker/ Institute</i>	<i>Title/ Sponsorship</i>	<i>Time and Place</i>
Friday September 9	Dr. Bernard Spielvogel BoroScience Canada Hubbards, NS	Versatile Boron: Applications from BioMedical to Electronics, Space Age Materials and the Hydrogen Economy	1:30 p.m. Chemistry 226 Host: N. Burford
Friday September 16	Professor C. Dale Keefe Department of Physical and Applied Sciences Cape Breton University http://faculty.uccb.ns.ca/dkeefe/	Optical Constants: What are they Good For? Absolute Intensities!	1:30 p.m. Chemistry 226 Host: R.J. Boyd
Thursday September 22	Walter J. Chute Distinguished Lecture Series in Chemistry: Professor Kendall N. Houk University of California, Los Angeles http://www.chem.ucla.edu/dept/Faculty/houk/	Watching Molecules React: Chemistry and Biology with Computers W.J. Chute Lecture Series	8 p.m. Chemistry 226 W.J. Chute Lecture Host: J.A. Pincock
Friday September 23	Walter J. Chute Distinguished Lecture Series in Chemistry: Professor Kendall N. Houk University of California, Los Angeles http://www.chem.ucla.edu/dept/Faculty/houk/	Computational Organic Chemistry: Mechanisms and Dynamics W.J. Chute Lecture Series	1:30 p.m. Chemistry 226 Research Lecture Host: J.A. Pincock
Friday September 30	Professor Steven A. Fleming Department of Chemistry and Biochemistry Brigham Young University http://www.chem.byu.edu/Plone/people/safleming/	Regio- and Stereoselective Formation of 4- Member Rings	1:30 p.m. Chemistry 226 Host: J.A. Pincock
Friday October 7	Professor Manuel A.S. Aquino Department of Chemistry St. Francis Xavier University http://www.stfx.ca/academic/chemistry/faculty-aquino.html	Two Novel Aspects of Diruthenium Tetracarboxylate Chemistry: Disassembly Reactions and Hydrogen-bonding Interactions	1:30 p.m. Chemistry 226 Host: L. Turculet
Friday October 14	Carl C. Coffin Lecture Dr. Robie W. Macdonald Fisheries and Oceans Canada Sidney, BC http://www.chem.dal.ca/ccwrm.html	The Application of Isotopes to Environmental Problems in the Arctic C.C. Coffin Lecture Series	1:30 p.m. Chemistry 226 Host: J.A. Pincock
Wednesday October 19	Professor Richard Manderville Department of Chemistry University of Guelph http://www.chemistry.uoguelph.ca/manderville/webpage.htm	DNA Adduction by Chlorinated Phenols	1:30 p.m. Chemistry 226 Host: A.A. Doucette Recruit: 4 p.m. Room 225 Pizza

<i>Date</i>	<i>Speaker/ Institute</i>	<i>Title/ Sponsorship</i>	<i>Time and Place</i>
Friday October 28	Professor Gerry Wright Department of Biochemistry McMaster University http://www.science.mcmaster.ca/biochem/faculty/wright/	Chemical Biology of Glycopeptide Antibiotic Biosynthesis and Resistance	1:30 p.m. Chemistry 226 Host: D.L. Jakeman
Friday November 4	Professor William P. Power Department of Chemistry University of Waterloo http://www.science.uwaterloo.ca/~wppower/	MQMAS Beyond I=3/2: Explorations of the Effects of Different 3Q- to-1Q Conversion Sequences on I=5/2 and I=7/2 Nuclei	1:30 p.m. Chemistry 226 Host: J.W. Zwanziger
Wednesday November 9	Professor Robert H.E. Hudson Department of Chemistry University of Western Ontario http://www.uwo.ca/chem/Thudsonr.htm	Synthesis and Potential Applications of Nucleobase-Modified Peptide Nucleic Acids	1:30 p.m. Chemistry 226 Host: N. Burford
Friday November 18	Professor David Byers Department of Biochemistry and Molecular Biology Dalhousie University http://www.biochem.dal.ca/faculty/facultypages/byers/	Acyl Carrier Protein: From Structure to Function	1:30 p.m. Chemistry 226 Host: A.A. Doucette
Friday November 25	Dr. Jonathan Curtis Ocean Nutrition Canada Dartmouth, NS http://www.ocean-nutrition.com/	Research at Ocean Nutrition Canada on the Sensory and Compositional Analysis of Fish Oils and Microencapsulated Fish Oils	1:30 p.m. Chemistry 226 Host: A.A. Doucette
Friday December 2	Professor Michael A. Kerr Department of Chemistry <u>CANCELLED</u> The University of Western Ontario http://www.uwo.ca/chem/Tkerrm.htm	Cycloadditions in the Service of Natural Products Synthesis	1:30 p.m. Chemistry 226 Host: A. Thompson
Friday December 9	Professor Neil Burford Department of Chemistry Dalhousie University http://chemistry.dal.ca/faculty/nb.html	New Directions in the Chemistry of Phosphorus	1:30 p.m. Chemistry 226 Host: A.A. Doucette