

SEPTEMBER 2021						
S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		
OCTOBER 2021						
S	M	T	W	T	F	S
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3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						
NOVEMBER 2021						
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				
DECEMBER 2021						
S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	



CHEMISTRY
THE UNIVERSITY OF BRITISH COLUMBIA

Department of Chemistry
University of British Columbia
604.822.3266 | www.chem.ubc.ca

MORE INFORMATION PLEASE CONTACT:

Dr. Andrew MacFarlane at 604.822.6866
or visit:

www.chem.ubc.ca/upcoming-events

LECTURES IN
**MODERN
CHEMISTRY**
FALL/WINTER 2021

CHEMISTRY
THE UNIVERSITY OF BRITISH COLUMBIA

ALL LECTURE SERIES
ON TUESDAYS 12:45 – 2:00PM
LOCATION: CHEMISTRY B250

SEPTEMBER 2021

SEPTEMBER 14, 2021

Particulate Pollution As Miniature Chemical Reactors: Balancing The Budgets Of Organic Aerosol, Reactive Nitrogen, And Organic Acids In The Atmosphere

Early Career Invited Lecture

Dr. Kelvin Bates

Atmospheric Chemistry Modeling Group, Harvard University

SEPTEMBER 21, 2021

Chemistry, Big Data and Machine Learning

Laird Lecture

Dr. David Wishart

Departments of Computing Science and Biological Sciences, University of Alberta

SEPTEMBER 28, 2021

Bacterial Biosynthesis Of Heterocyclic Natural Products

Dr. Katherine Ryan

Department of Chemistry, University of British Columbia

OCTOBER 2021

OCTOBER 5, 2021

Inside And Outside: Supporting Students' Learning Of Complex Cognitive Tasks And In Complex Learning Environments

Dr. Jackie Stewart

Department of Chemistry, University of British Columbia

OCTOBER 12, 2021 (***via ZOOM***)

The Curious Case Of The Catechol In The Night And Other Atmospheric Tales

Dr. Delphine Farmer

Department of Chemistry, Colorado State University

OCTOBER 19, 2021

Quantitative Metabolomics And Machine Learning: Can It Solve The Biomarker Validation Challenge?

Dow Lecture

Dr. Daniel Raftery

Department of Anesthesiology and Pain Medicine, and Department of Chemistry, University of Washington

OCTOBER 26, 2021

Mechanisms Of Unusual Transformations Involving Organophosphonate Natural Products Mediated By Non-Heme Iron Dependent Oxygenases

Organic Lecture

Dr. David L. Zechel

Department of Chemistry, Queen's University

NOVEMBER 2021

NOVEMBER 9, 2021

Radiotherapy at TRIUMF

Dr. Cornelia Hoehr

Life Sciences, TRIUMF

NOVEMBER 16, 2021

Mickey Mouse On Noncaffeine

Dr. Belinda Heyne

Department of Chemistry, University of Calgary

NOVEMBER 23, 2021

Chemical Thinking In A Connected Post-Pandemic World: Leveraging Systems-Thinking And Online Collaborative Learning For Student Success

Dr. Brett McCollum

Department of Chemistry & Physics, Mount Royal University

NOVEMBER 30, 2021 (***via ZOOM***)

Dynamics In Concentrated LiCl And HCl Solutions

McDowell Lecture

Dr. Michael D. Fayer

Department of Chemistry, Stanford University

DECEMBER 2021

DECEMBER 7, 2021 (***via ZOOM***)

Harnessing The Chemistry Of Plant Natural Product Biosynthesis

Dr. Sarah E. O'Connor

Department of Natural Product Biosynthesis, Max Planck Institute for Chemical Ecology