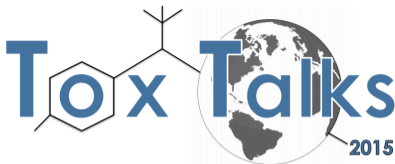


IRMACS Theatre, SFU, Burnaby Campus
Saturday February 7, 2015

Program

9:00am – 9:30am	Registration, Check-in, Coffee (BYO-Mug with Lid)
9:30am – 9:40am	Welcome and Opening remarks: <i>Tox Talks Co-Chairs</i>
9:40am – 10:40am	Round 1 – Presentations
10:40am – 10:50am	Coffee Break
10:50am – 11:50am	Round 2 – Presentations
11:50am – 12:00pm	Coffee Break
12:00pm – 1:00pm	Plenary Address: Dr. Vicki Marlatt
1:00pm – 2:00pm	Lunch
2:00pm – 3:00pm	Round 3 – Presentations
3:00pm – 3:15pm	Coffee Break
3:15pm – 3:30pm	Awards and Symposium Wrap-up
3:30 – 6:00pm	Social at Club Ilia

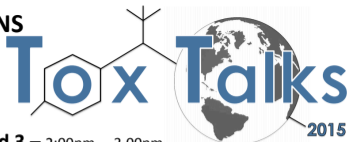


A Graduate Student Symposium Focused on
the Interdisciplinary Field of Research on
Contaminants in the Environment and in
Humans.

Guest Speaker - **Dr. Vicki Marlatt**
(Simon Fraser University)

Thank you to our sponsors:

- Faculty of Environment
- Faculty of Science
- Faculty of Health Sciences
- Department of Biological Sciences
- Department of Chemistry
- Biological Sciences Graduate Caucus
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- Gladys We (website support)

Round 1 – 9:40am – 10:40am**PRESENTATIONS**

<u>Thea Van Rossum</u> (PhD, MBB)	Microbiome response as a sentinel for freshwater contamination: examples in agriculture and mining
Sara Ali (MET, BISC)	Use of yeast bioassays to assess EDCs in the environment
<u>Priyadarshini Balarman</u> (MSc. CHEM)	Site-directed mutagenesis to understand the borneol cycle of <i>Pseudomonas putida</i> cytochrome P450cam
Thomas Domingo (MSc, CHEM)	Investigating potential radioisotope contaminants in the traditional coastal First Nations diet in British Columbia

Round 3 – 2:00pm – 3.00pm

Leslie Saunders (PhD, BISC)	Bioaccumulation and biotransformation of UV filters in fish
<u>Lucy Lee</u> (BISC, UFV)	Evaluating effects of neonicotinoid pesticides using fish cell lines
<u>Antonia Musso</u> (MPM, BISC)	Why we need to build a better mousetrap
Maria Yu (MET, BISC)	Assessment of embryotoxicity following in ovo exposure to methylmercury in zebra finches (<i>Taeniopygia guttata</i>)
Megan Willie (MSc, BISC)	Spatial variation in polycyclic aromatic hydrocarbon exposure in barrow's goldeneye in coastal British Columbia

Round 2 – 10:50am – 11:50am

Abdul Rehman (PhD, CHEM)	Study of endosulfan biodegradation – A toxic polychlorinated compound
<u>Shaima Kammoonah</u> (MSc, CHEM)	Cytochrome P450cam mutants and their potential use for biosynthetic & environmental applications
Colin Peters (PhD, BPK)	Long-term effects on voltage-gated sodium channels
<u>Sean Fenwick</u> (PhD, CHEM)	Development of an in vitro quantitative dose response method to study the effects of ambient particles on human lung cell cultures

MET = Masters in Environmental Toxicology; **MPM** = Masters in Pest Management; **UFV** = University of the Fraser Valley; **MBB** = Molecular Biology and Biochemistry; **BPK** = Biomedical Physiology and Kinesiology
 All presenters from SFU unless otherwise specified