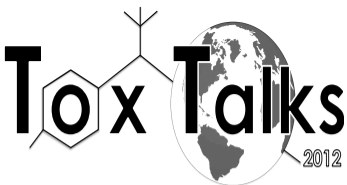


IRMACS Theatre, SFU, Burnaby Campus
Saturday October 20, 2012

Program 2012

8:30am - 9:00am	Registration, Check-in, Coffee (BYO-Mug)
9:00am - 9:10am	Welcome and Opening remarks: <i>Tox Talks Chairs</i>
9:10am - 10:30am	Round 1 - Student Presentations
10:30am - 10:45am	Coffee/Networking Break
10:45am - 11:25am	Round 2 - Student Presentations
11:25am - 12:30 pm	Introduction: Dr. Frank Gobas Plenary Address: Dr. Peter Chapman (Golder Associates Ltd).
12:30pm - 1:30pm	Lunch
1:30pm - 2:30pm	Round 3 - Student Presentations
2:30pm - 2:45pm	Dr. Frank Gobas Special Presentation
2:45pm - 3:00pm	Coffee/Networking Break
3:00pm - 4:20pm	Round 4 - Student Presentations
4:20pm - 4:30pm	Awards and Symposium Wrap-up
4:30pm	Social at Club Ilia



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



FACULTY of
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Guest Speaker - **Dr. Peter Chapman**
(Golder Associates Ltd.)

***"Ecotoxicology, Climate Change, and
Ecosystem Services – Don't Panic, The
Answer is 42"***

Thank you to the following sponsors:

- School of Resource and Environmental Management (REM)
- The IRMACS Centre
- Faculty of Environment
- Faculty of Health Sciences
- REM Environmental Toxicology Lab
- Dr. Frank Gobas

LIST OF STUDENT PRESENTATIONS



Round 1 - 9:10am – 10:30am (15 min presentations)

1. Lee Grenon (<i>MSC, FHS</i>)	Persistent organic pollutants and type 2 diabetes mellitus.
2. Lilian Wong (<i>MET, BISC</i>)	The effects of the insecticide <i>p,p'</i> -DDT and <i>p,p'</i> -DDE on androgen receptor signalling in the human LNCaP prostate cancer cells.
3. Heidi Currier (<i>PhD, BISC</i>)	<i>In vitro</i> screening, and use of an animal model, the zebra finch, to identify possible endocrin disrupting effects of TBECB.
4. Glenys Webster (<i>Post-doc, FHS</i>)	Effect of perfluorinated acids (PFASs) on maternal thyroid hormones during early pregnancy: results from the Chemicals, Health and Pregnancy Study (CHiRP).

Round 3 – 1:30pm – 2:30pm (15 min presentations)

10. Meara Crawford (<i>MRM, REM</i>)	Risk Assessment for petroleum hydrocarbons in British Columbia wildlands using an empirical fugacity approach.
11. Brett Howard (<i>MMM, Dalhousie</i>)	Assessing and managing the ecological risk to leatherback sea turtles (<i>Dermochelys coriacea</i>) from marine oil pollution in Atlantic Canada.
12. Mohamed Sherifdeen (<i>MET, BISC</i>)	Predicting <i>in vivo</i> drug-herb interactions using kinetic data determined <i>in vitro</i> .

Round 2 – 10:45am – 11:25am (5 min presentations)

5. Lindsay Du Gas (<i>MET, BISC</i>)	Effects of pesticides on sockeye salmon embryonic development and alevin emergence.
6. Tao Eastham (<i>MRM, REM</i>)	Modelling selenium: bioaccumulation in an aquatic food web.
7. Justin Lo (<i>PhD, BISC</i>)	<i>In vitro</i> biotransformation of hydrophobic substances in rainbow trout.
8. Jason Brogan (<i>MSc, BISC</i>)	Persistent organic pollutants in the urban Environment: Exposure and effects in an avian top predator, the Cooper's hawk (<i>Accipiter cooperii</i>).
9. Mandy McDougall (<i>MRM, REM</i>)	Bioaccumulation and environmental risk assessment for ionogenic organic substances.

Round 4 – 3:00pm – 4:20pm (15 min presentations)

13. Toby St. Clair (<i>MSc, BISC</i>)	Assessing heavy metal toxicity risks to Dunlin, <i>Calidris alpina</i> , through investigation of tissue concentrations and dietary.
14. Hazel Walling (<i>MSc, BISC</i>)	Structural and functional responses to metal enriched leaf material in small streams.
15. Bonnie Lo (<i>MET, BISC</i>)	Exploring a mechanistic approach to understanding selenium accumulation in aquatic food chains.
16. Aimee Brisebois (<i>MRM, REM</i>)	Relationship between the BCF, BAF, and the TMF.

Abbreviations: **BISC** = Department of Biology; **FHS** = Faculty of Health Sciences; **MET** = Masters in Environmental Toxicology; **MMM** = Masters of Marine Management; **MRM** = Masters of Resource & Environmental Management; **REM** = School of Resource and Environmental Management.