

# bigDATA Workshop

May 28<sup>th</sup>-30<sup>th</sup> 2010 University of British Columbia

Presented by the  
**Canadian Institute for Advance Research  
Integrated Microbial Biodiversity Program (CIFAR-IMB)**

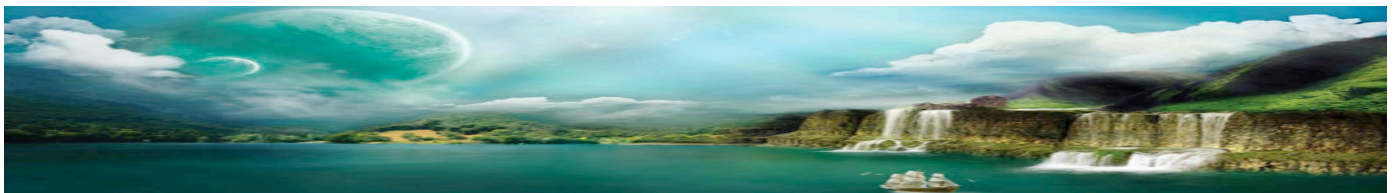
## May 28th, 2010

- ❖ 12:00 – 17:00      **Check-in: Gage Residence**
- ❖ 17:00 – 18:00      **Registration: LSI East Atrium**
- ❖ 18:00 – 19:00      **Welcome and Keynote Address: LSI3**  
Mel Silverman CIFAR Vice-President, Research  
Brenda Andrews (University of Toronto)  
*"The Genetic Landscape of a Cell"*
  
- ❖ 19:00 – 21:00      **Buffet Dinner: LSI East Atrium**

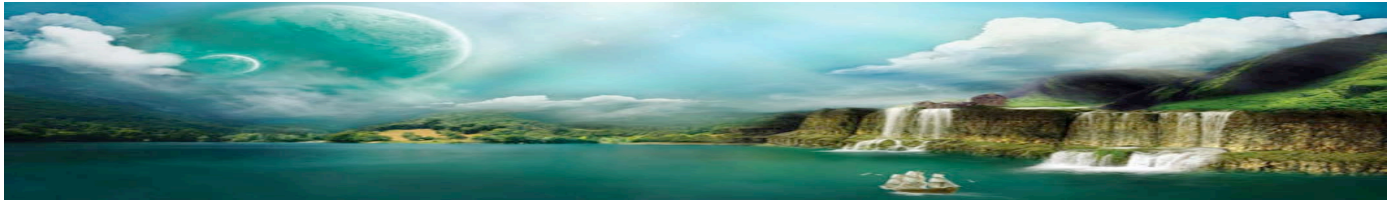
## May 29th, 2010

- ❖ 7:00 – 8:30      **Breakfast: Pacific Spirit Place Cafeteria (Gage Guests Only)**
- ❖ 9:00 – 12:00      **Morning Session: LSI3**

- 9:00-9:30      **David Walsh** (Concordia University)  
*"Ocean Health: A Case Study for Microbial Systems Ecology"*
- 9:30-10:00      **Phil Hugenholtz** (Joint Genome Institute)  
*"Divide and Conquer Strategies for Metagenomics"*
- 10:00-10:30      **Coffee Break**
- 10:30-11:00      **Arthur Brady** (University of Maryland)  
*"Phymm and PhymmBL: Phylogenetic Identification of Metagenomes"*
- 11:00-11:30      **Miguel Fortuna** (Princeton University)  
*"Ecological Networks: Nested and Modular Structures"*
- 11:30-12:00      **Tamara Munzer** (University of British Columbia)  
*"Visualization and Biology: Fertile Ground for Collaboration"*



\*Please answer survey: Go to URL: <http://www.cmde.science.ubc.ca/hallam/index.php> and click on survey tab.



- ❖ 12:00 – 13:00      **Lunch: LSI West Atrium**
- ❖ 13:00 – 16:00      **Afternoon Session: LSI3**

13:00 – 13:30

**TBA**

13:30 – 14:00

**Christian Von Mering** (University of Zurich)  
*“Meta-analysis of Published 16S Sequences Can (Re)connect Sequenced Genomes to Their Environmental Contexts”*

14:00 – 14:30

**Tara Gianoulis** (Harvard University)  
*“Network Dynamics Across Environments: Metabolism and Membrane Proteins”*

14:30 – 15:00

**Coffee Break**

15:00 – 15:30

**Robert Beiko** (Dalhousie University)  
*“Geographic and Temporal Analysis of Genomes and Metagenomes”*

15:30 – 16:00

**Angela Norbeck** (Pacific Northwest National Laboratory)  
*“IMPROV for Data Integration and Visualization”*

- ❖ 16:00 – 17:00      **Working Groups LSI1330 and LSI1416**
- ❖ 17:00 – 17:30      **Coffee Break**
- ❖ 17:30 – 18:30      **Working Groups LSI1330 and LSI1416**
- ❖ 19:00 – 20:00      **Dinner: VST**

### May 30th, 2010

- ❖ 7:00 – 8:30      **Breakfast: Pacific Spirit Place Cafeteria (Gage Guests Only)**
- ❖ 9:00 – 11:30      **Morning Session: LSI3**

9:00-10:00

**Jenn and Ken Visocky O'grady** (Cleveland State and Kent State University)  
*“Information Design Dissected”*

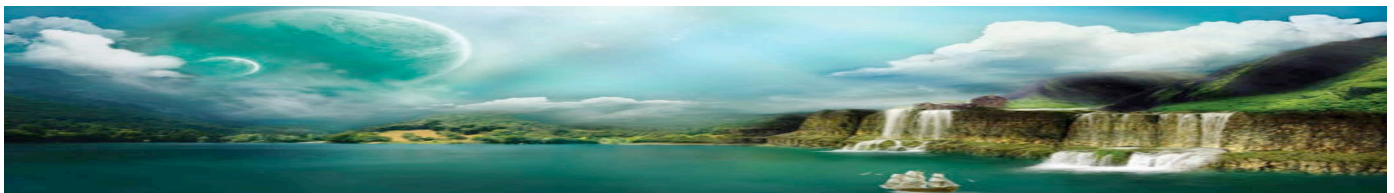
10:00-10:30

**Coffee Break**

10:30-11:30

**Martin Krzywinski** (Michael Smith Genome Sciences Centre)  
*“bigFIGURES for bigDATA: Creating Information-Rich, Informative and Appealing Genome Data Graphics”*

- ❖ 11:30 – 12:30      **Closing and Group Discussion: LSI3\***



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