2010 PQG Conference Agenda

Joseph B. Martin Conference Center at Harvard Medical School
77 Avenue Louis Pasteur, Boston, MA 02115

Monday, November 15th (Amphitheater, Ground Floor)

8:00am-8:50  Registration and Continental Breakfast

8:50 - 9:00  Opening Remarks
TBA

9:00 - 9:45  Keynote I
Chair: TBA

John Quackenbush, HSPH & DFCI
Title: TBD

Session I: DATA INTEGRATION & NETWORK ANALYSIS
Chair: TBA

9:45 - 10:15  Eric Xing, Carnegie Mellon University
Genome-Phenome Association Analysis of Complex Diseases – a Structured Sparse Regression Approach

10:15 - 10:30  Break

10:30 - 11:00  Martha Bulyk, Harvard Medical School, BWH
Transcription Factor Binding Sites and Cis Regulatory Elements

11:00 - 11:30  Douglas Lauffenburger, MIT
Integrating Quantitative Proteomic Data with Qualitative Pathway Maps for Analysis of Signaling Network Dysregulation: Application to Human Epithelial Cell Physiology in Inflammation Contexts

11:30 – 11:45  Abstract winner presentation (TBD)
Title: TBA
11:45 - 12:00  Break

12:00 - 12:45  Panel Discussion:
Panelists: **Steve Kleinstein**, Yale University
**Chad Myers**, University of Minnesota
**Chris Wiggins**, Columbia University

12:45 - 2:15  Lunch

2:15 - 3:00  Keynote II
Chair: TBA

**Rafael Irizarry**, Johns Hopkins University
*Epigenetic Variation as a Driving Force for Development, Evolutionary Adaptation, Cancer, and Common Disease*

**Session II: EPIGENETICS**
Chair: TBA

3:00 - 3:30  **Brad Bernstein**, HMS, MGH, & Broad Institute
*Systematic Analysis of Epigenomic Landscapes*

3:30 - 4:00  **Margaret Daniele Fallin**, Johns Hopkins University
*Title: TBA*

4:00 - 4:15  Break

4:15 - 4:45  **Peter Laird**, University of Southern California
*Mining the Cancer Methylome*

4:45 - 5:00  *Abstract winner presentation (TBD)*
*Title: TBA*

5:00-5:15  Group Photo

5:15 - 6:30  Reception & Poster Session (Ground Floor Lobby)

6:30 - 9:00  Dinner Banquet at Sebastian’s Café, HSPH
Tuesday, November 16th (Amphitheater, Ground Floor)

8:30 - 9:00  Continental Breakfast

9:00 - 9:45  Keynote III
Chair: TBA

Suzanne Leal, Baylor College of Medicine
Replication and Analysis of Complex Trait Rare Variant Association Studies: Application to Next Generation Sequence Data

Session III: RARE VARIANTS
Chair: TBA

9:45 - 10:15  Aravinda Chakravarti, Johns Hopkins University
The Contributions of Rare and Common Variants to Human Disease

10:15 - 10:30  Break

10:30 - 11:00  Bruce Weir, University of Washington
Variation in Identity Measures: Theory and Practice

11:00 - 11:30  Shamil Sunyaev, HMS & BWH
Title: TBA

11:30 - 11:45  Abstract winner presentation (TBD)
Title: TBA

11:45 - 12:15  Technology Presentations

12:15 - 1:30  Lunch
1:30 - 2:15  Panel Discussion
Panelists: Peter Kraft, Harvard School of Public Health
Xihong Lin, Harvard School of Public Health
Ed Silverman, Harvard Medical School

2:15 - 2:30  Closing Remarks and Award Presentation