Modeling Risk Prediction - 09w2581
March 7-8, 2009

MEALS

Coffee Breaks: As per daily schedule, 2nd floor lounge, Corbett Hall *(included in workshop)*

[**For meal options at The Banff Centre, there are buffets (breakfast: 7:00 – 9:30 am; lunch: 11:30 am – 1:30 pm; dinner: 5:30 – 7:30 pm), Gooseberry's Deli, located in the Sally Borden Building, and The Kiln Cafe, located beside Donald Cameron Hall. There are also plenty of restaurants and cafes in the town of Banff, a 10-15 minute walk from Corbett Hall.**]

MEETING ROOMS

All lectures will be held in Max Bell 159. LCD projector, overhead projectors and blackboards are available for presentations. *Please note that the meeting space designated for BIRS is the lower level of Max Bell, Rooms 155-159. Please respect that all other space has been contracted to other Banff Centre guests, including any Food and Beverage in those areas.*

LECTURE SCHEDULE

Friday, March 6

7PM   Dinner in downtown Banff (All interested parties should please email charmila.fernandes@yale.edu by Monday March 2, 2009 so your name can be added to the reservation)

Saturday, March 7

Time	Topic	Speaker
8:30-8:45	Welcome and Opening Remarks:	Elizabeth B. Claus, MD, PhD
8:45-9:15	Cancer Risk Prediction Models: Overview	Andrew Freeman, MD
9:15-9:35	Colorectal Cancer Risk Prediction	Ruth Pfeiffer, PhD
9:35-10:05	The Gail/NCI model –recent updates Using single nucleotide polymorphisms (SNPs) in risk models (Teleconference)	Mitch Gail, MD, PhD
10:05-10:30	Coffee Break and Student Posters	
10:30-11:00	Modeling inherited susceptibility to cancer	Giovanni Parmigiani, PhD

11.00-11:30	The BOADICEA breast cancer risk prediction algorithm: Recent developments, evaluation and applications to other cancers	Antonis Antoniou, PhD
11:30-12:00	Modeling Breast Cancer "In-Silico"	Philip Crooke, PhD Fritz Parl, MD
12:00-12:30	Risk Prediction based on Incomplete Data	Bernard Rosner, PhD
12:30 – 1:30	Lunch	
1:30-2:00	Modeling in CISNET	Theodore Holford, PhD
2:00-2:30	Mathematical Tools for modeling genetic etiology	Christopher Amos, PhD
2:30-3:00	TBA	Colin Begg, PhD
3-3:30	Coffee Break	
3:30-4:00	Increased Precision and Repeated Measurements: Will that help? Mammography as example.	William Barlow, PhD
4:00:4:30	Refining models by outcome subgroup	Nilanjan Chatterjee, PhD
4:30-5:00	Reality Check: Implementing Cancer Risk Models in the Clinic	David Euhus, MD
5-6	Wrap-up and Group Discussion	
7:00	Dinner, at Bison Restaurant and Lounge, Bear Street, Banff	

Sunday, March 8

8:30-9:00	Validation Models: Overview and Computational Methods	Annette Molinaro, PhD
9:00-9:30	Methods for Assessment of Model Performance	Ruth Pfeiffer, PhD
9:30-10:00	Model Validation Using Time-Dependent Information	Jeremy Taylor, PhD
10-10:30	Coffee Break	
10:30-11	TBA	Michael Hauptman, PhD
11-11:30	Measuring Prediction Performance of Survival Models: Available Approaches and Applications to Cancer Research	Yan Yuan, PhD
11-30-12	Multi-state models in risk prediction	Joel Dubin, PhD Karen Kopciuk, PhD
12:00	Break and check-out	
12:30-1:30	Summary and Discussion	