

STATGEN SEMINAR Autumn 2010

1. **October 12** Matthew Conomos, Peter Chi (Bruce Weir)
Brennan, P. 2002. Gene-environment interaction and aetiology of cancer: what does it mean and how can we measure it? *Carcinogenesis* 23:381-387. Plus a statistical definition of interaction.
2. **October 19** Lisa Brown, Zeinab Yazdi (Bruce Weir)
Thomas, D. Gene-environment-wide association studies: emerging approaches. *Nature Reviews Genetics* 11:258-272.
3. **October 26** Julia Palacios Roman, Ming Su (Bruce Weir)
Gauderman, W.J. 2002. Sample size requirements for matched case-control studies of gene-environment interaction. *Statistics in Medicine* 21:35-50.
4. **November 2** Che Zheng, Jerry Kim (Bruce Weir)
Clayton, D. and P.McKeigue. 2001. Epidemiological methods for studying genes and environmental factors in complex diseases. *Lancet* 358:1356-1360.
5. **November 9** Chris Glazener, Rachel Diederich (Bruce Weir)
Gilliland, F.D., Y-F. Li, A. Saxon and D.D. Sanchez. 2004. Effect of glutathione-S-transferase M1 and P1 genotypes on xenobiotic enhancement of allergic responses: randomized, placebo-controlled crossover study. *Lancet* 363:119-125.
6. **November 16** Caitlin McHugh, Wei Zhao (Daniela Witten)
Le Marchand, L. et al. 2001. Combined effects of well-done red meat, smoking, and rapid N-acetyltransferase 2 and CYP1A2 phenotypes in increasing colorectal cancer risk. *Cancer Epidemiology, Biomarkers and Prevention* 10:1259-1266.
7. **November 23** Fourth Seattle Symposium in Biostatistics
8. **November 30** Xiuwen Zheng, Liz Marchini (Ellen Wijsman)
Hung, H.J. et al. 2004. Using hierarchical modeling in genetic association studies with multiple markers: application to a case-control study of bladder cancer. *Cancer Epidemiology, Biomarkers and Prevention* 13:1013-1021.
9. **December 7** Kevin Rubenstein, Sulgi Kim (Ellen Wijsman)
Garrod, A.E. 1902. The incidence of alkaptonuria: a study in chemical individuality. *Lancet* (December 13, 1902) 1616-1620.