

## Statgen Seminar Autumn 2009.

- October 13. **Bruce Weir and 551 class.** Introduction to heritability. Manolio et al. 2009. Finding the missing heritability of complex diseases. *nature* 461:747–753.
- October 20. **Patrick Danaher and Leila Zelnick.** Wright. 1920. The relative importance of heredity and environment in determining the piebald pattern of guinea-pigs. *PNAS*:320–332.
- October 27. **Elizabeth Marchani and Julia Palacios Roman.** Visscher et al. 2006. Assumption-free estimation of heritability from genome-wide identity-by-descent sharing between full siblings. *PLoS Genetics* 2:316–325.
- November 2. Seminar by **Peter Visscher** at 3 pm. Lake Union Crew.
- November 3. **Xiuwen Zheng and Peter Chi.** Jacquard. 1983. Heritability: One word, three concepts. *Biometrics* 39:465–477.
- November 10. **Yoonha Choi and Sarah Ng.** Kruuk et al. 2000. Heritability of fitness in a wild mammal population. *PNAS* 97:698–703.
- November 17. **Pui Yee Fing and Marshall Brown.** Hopper. Heritability of mammographic density, a risk factor for breast cancer. *NEJM* 347:886–894, and Genetic determinants of bone mass in adults: a twin study. *J Clin Invest* 80:706–710.
- November 24. **Kevin Rubenstein and Wei Zhao.** Moose et al. 2004. Maize selection passes the century mark: a unique resource for 21st century genomics. *Trends in Plant Science* 5:358–354.
- December 1. **Charles Cheung and Matthew Conomos.** Dempster and Lerner. Heritability of threshold characters, with an Appendix by Alan Robertson. *Genetics* 35:212–236.
- December 8. **Tim O’Brien and Nathalie Thompson.** Visscher et al. 2006. Assumption-free estimation of heritability from genome-wide identity-by-descent sharing between full siblings. *PLoS Genetics* 2:316–325.