689 Special Topics in Ecological Genomics – Spring 2015

**Schedule for discussion leading**

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|  | **Date** | **Topic** | **Name** |
| 1 | Jan 27 (Tue) | 3. Genome sequencing and annotation  | CLAUDIO |
| 2 | Jan 29 (Thu) | 4. Genetic analysis of single populations  | CLAUDIO |
| 3 | Feb 3 (Tue) | 5. Genetic analysis of multiple populations - I | MICHAEL |
| 4 | Feb 5 (Thu) | 6. Genetic analysis of multiple populations - II | CARLOS |
| 5 | Feb 12 (Thu) | 8. Association mapping and QTL mapping- I  | DAN |
| 6 | Feb 17 (Tue) | 9. Association mapping and QTL mapping– II | RYAN |
| 7 | Feb 19 (Thu) | 10. Next-gen sequencing techniques  | MICHAEL |
| 8 | Feb 24 (Tue) | 11. Genomic polymorphisms, variation and adaptation  | GRANT |
| 9 | Mar 3 (Tue) | 13. RNAseq experiments | KYLE |
| 10 | Mar 5 (Thu) | 14. Epigenetic variation and developmental change  | CARLOS |
| 11 | Mar 10 (Tue) | 15. Speciation and hybrids  | GRANT |
| 12 | Mar 24 (Tue) | 17. Determining functions from environmental genomes - I | DAN, RYAN |
| **13** | Mar 26 (Thu) | **NO CLASS: EIS Symposium** |  |
| 14 | Apr 2 (Thu) | 20. Longevity and aging | GRANT |
| 15 | Apr 7 (Tue) | 21. Life cycle and phenotypic plasticity | DAN |
| 16 | Apr 14 (Tue) | 23. Abiotic stress | CARLOS |
| 17 | Apr 16 (Thu) | 24. Biotic stress  | MICHAEL |
| 18 | Apr 21 (Tue) | 25. Climate change, adaptation and genomics | KYLE |
| 19 | Apr 23 (Thu) | 26. Phylogenetics and phylogeography | RYAN |