



Schedule

January 6

6–8 Finley Genomics, Functional Genomics, and Systems Biology

January 13

6–7 Finley Journal Discussion – Pleasance 2010

7–8 Finley Transcriptomics

January 20 – No Class – MLK Day

January 27* – Kalyana–Sundaram 2012

6–7 Finley Journal Discussion – Deng 2014

7–8 Stemmer Proteomics I: Proteome Mapping

February 3

6–7 Finley Journal Discussion – Boisvert 2012

7–8 Huttemann Proteomics II: Posttranslational Modifications

February 10* – Olsen 2010

6–7 Huttemann Journal Discussion – Olsen 2010

7–8 Finley Interactomics I: Protein–Protein Interactions

February 17

6–7 Finley Journal Discussion – Sakai 2011

7–8 Finley Network Biology

February 24* – Guruharsha 2011

6–7 Finley Journal Discussion – Havugimana 2012

7–8 Finley Interactomics II: Protein–DNA Networks

March 3* – Neph 2012 a

6–7 Finley Journal Discussion – Neph 2012b

7–8 Pique–Regi Interactomics II: Protein–DNA Networks, continued

March 10 – No Class – Spring Break

March 17

6–7 Pique–Regi Journal Discussion – Degner 2012 and McVicker 2013

7-8 Finley Phenomics: Genome-wide tagging, knockout, knockdown

March 24

6-7 Finley Journal Discussion – Luo 2008 and Schlabach 2008

7-8 Finley Interactomics III: Genetic Interaction Networks

March 31* Bassik 2013

6-7 Finley Journal Discussion – Roguev 2013

7-8 Finley Systems Biology I: Integration and Synthesis

April 7

6-7 Finley Journal Discussion – Yosef 2013

7-8 Finley Systems Biology II: Modeling

April 14*

6-7 Finley Journal Discussion

7-8 Finley Systems Biology III: Modeling

April 21

6-7 Finley Journal Discussion

7-8 Finley Systems Biology IV: Synthetic Biology

*Journal article critique due on these dates