Species-Tree Estimation: a New Paradigm for 21st Century Phylogenetics

The 2012 Glaser Seminar Series, March 5-9.
Each presentation will be noon – 1:00 PM, The Wertheim Conservatory Rm 130, Florida International University Modesto A. Maidique campus.

Dr. Lacey Knowles
University of Michigan, Department of Ecology and Evolutionary Biology

Monday: What are species-tree estimates and why are they the future of phylogenetic study?

Tuesday: Which method to use? Understanding the key factors influencing the accuracy of species-tree estimates.

Wednesday: Testing the reconstructability of phylogenetic histories and the reliability of phylogenetic estimates from single-gene studies.

Thursday: Next-generation sequencing and phylogenomics.

Friday: Species delimitation within species-tree frameworks.