WORKSHOP
ESTIMATING SPECIES TREES:
A Phylogenetic Paradigm for the 21st Century

At the University of Michigan, Jan., 10-11, 2009 *www.ummz.lsa.umich.edu/sptree.html*

Recent computational and modeling advances have produced methods for estimating species trees directly. Accurate estimates of phylogenetic relationships can often be extracted from genetic data with these new approaches, sometimes with less data, by directly modeling the causes of discordance in topology and branch lengths among gene trees. Such inferences are commonly impossible under the traditional phylogenetic paradigm because of the potential for the idiosyncrasies of gene trees to obscure the actual history of species divergence.

We are offering this workshop to increase the visibility and use of these methods, to address a number of significant challenges to estimating species trees, and to assure that the advantages these methods offer will reach a broad community of users.

This workshop has been made possible by funds generously provided by the Museum of Zoology, University of Michigan.

Please Note:
Workshop participation requires registration.

***Go to**: www.ummz.lsa.umich.edu/sptree.html*

The Lectures on Jan., 10 are Free

The Computer Training on Jan., 11 Costs $25.00

To facilitate broad and diverse participation in this important workshop, funding is available to offset transportation and lodging costs for students and post-docs (i.e., $500 for those from the US and $1000 for international participants.)

Visit the website for details and application instructions.

Workshop Goals:

- Provide an understanding of the theoretical underpinnings of current methodology.
- Present empirical examples demonstrating the utility of current methodology as well as its limitations.
- Offer instruction on the technical aspects involved in using current software.

Invited speakers and instructors:

Cecile Ané, *University of Wisconsin*
Natalia Belfiore, *University of California, Berkeley*
Robb Brumfield, *Louisiana State University*
Karen Cranston, *University of Arizona*
James Degnan, *University of Canterbury*
Scott Edwards, *Harvard University*
H. Lisle Gibbs, *Ohio State University*
L. Lacey Knowles, *University of Michigan*
Laura Kubatko, *Ohio State University*
Bret Larget, *University of Wisconsin*
Catherine Linnen, *Harvard University*
Liang Liu, *Harvard University*
Dennis Pearl, *Ohio State University*
Luay Nakhleh, *Rice University*

For more information please contact: Dr. L. Lacey Knowles, knowlesl@umich.edu
Co-organizers: L. Lacey Knowles, *University of Michigan* and Laura Kubatko, *Ohio State University*