

**Symposium and Workshop on  
New Methods for Phylogenomics and Metagenomics**

February 16 and 17, 2013

Tandy Warnow

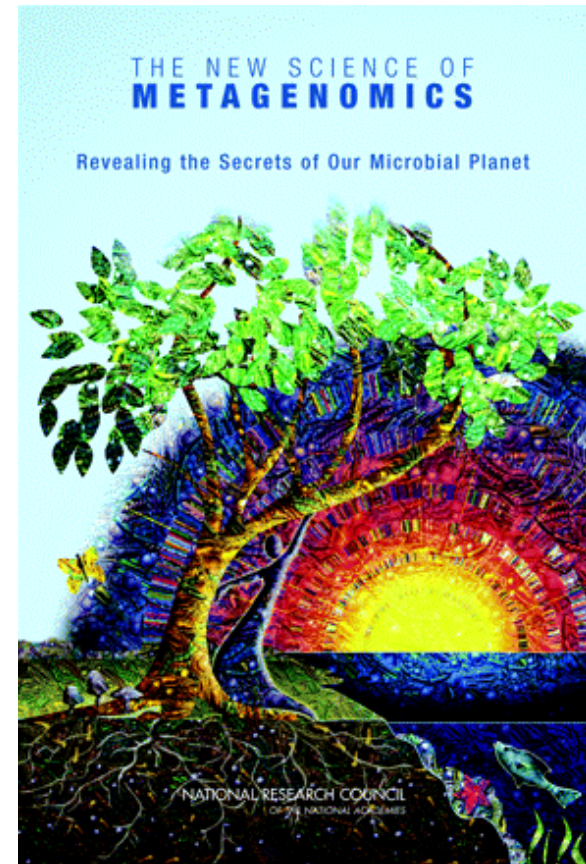
National Science Foundation

University of Texas at Austin

# Computational Phylogenomics and Metagenomics



Courtesy of the Tree of Life project



# **Symposium talks**

- **Phylogeny/alignment estimation**
- **Phylogenomics**
- **Phylogenetic placement**
- **Metagenomics**
- **1KP (Thousand Transcriptome Project)**

# NSF DEB 0733029

- Title: Large-Scale Simultaneous Multiple Alignment and Phylogeny Estimation
- Collaboration between
  - Texas (Pingali, Warnow, and Linder), lead institution
  - Kansas (Holder),
  - Nebraska (Moriyama),
  - Georgia (Leebens-Mack)
  - Subawards: Smithsonian (Braun), NJIT (Roshan), and Penn State University (Miller)
- Project webpage  
<http://www.cs.utexas.edu/users/tandy/ATOL-MSA.html>

# Previous Workshops

- NESCENT 2011
- Smithsonian 2012

We will seek funding for another workshop for 2014.

# Saturday Schedule

- 8:00-8:45 AM Breakfast in NHB 1.720 - pick up name tags!
- 9:00 - 12:00 Talks in ACES 2.302 (Avaya Auditorium)
- 12:15 -1:15 Lunch in NHB 1.720
- 1:15 - 3:00 Talks
- 3:00 - 3:30 Coffee Break
- 3:30 - 5:00 Talks
- 5:00 - 5:30 Discussion

# Tutorials (Sunday)

- All tutorials in the Avaya Auditorium are open (SATé, Phylonet, BUCKy, and \*BEAST). Other tutorials (held in ACES 2.402 and PAT 141-SA) are limited in number of seats.
- BAli-Phy is closed.
- If you are interested in attending the other tutorials and did not already register, please contact me **by 1 PM** today by email ([tandy@cs.utexas.edu](mailto:tandy@cs.utexas.edu)) to get on the waitlist.
- Today: Please download, install, and test the tutorial software. Some tutorials (e.g., SATé and SEPP) also have written tutorials that can be downloaded in advance.
- Breakfast on Sunday is at 7:30, and the tutorials start at 8:30. Please be in your seats a few minutes ahead of time, as the schedule is tight!

# Logistics

- Laurie Alvarez (CCBB Senior Administrator), Nicole Elmer, Anna Akhtar, or Tandy Warnow for assistance. Email: [tandy@cs.utexas.edu](mailto:tandy@cs.utexas.edu)
- Please wear your name tag while at the conference
- NO FOOD OR DRINKS (other than water) allowed in the meeting rooms
- “Bio-breaks” as needed - take two right turns as you exit the auditorium.



- *Schedule is tight - please be in your seat a few minutes ahead of the start time*

# Meeting Objectives

- Stimulate **research** into new methods
- Hands-on **training** in new methods
- Obtain **feedback** about new methods
- Develop **collaborations** between methods developers and biologists

# Conference Support From

- NSF DEB-0733029 (\$100K)
- The Center for Computational Biology and Bioinformatics (CCBB) at UT-Austin (Laurie Alvarez)