



The Biodiversity Seminar Series is pleased to announce

Dr. Karen Cranston

From Duke University and the Open Tree of Life project

presenting the talk

“Open Tree of Life: Community-driven synthesis of evolutionary trees”

Abstract:

Phylogenetic trees are critical in the analysis and organization of biodiversity data. Open Tree of Life aims to synthesize published phylogenetic knowledge into a comprehensive tree of all life. We are developing scalable methods for combining taxonomies and phylogenies, engaging the community in data curation, and providing open biodiversity data for downstream applications. OpenTree builds on previous collaborations in evolutionary synthesis and phyloinformatics, and community participation through workshops and hackathons have played a key role throughout.

Brief Bio:

Dr. Karen Cranston is a research scientist in the Department of Biology at Duke University and the lead PI of the Open Tree of Life project. She completed her PhD in Bayesian phylogenetics at the University of Alberta, followed by postdoctoral fellowships at the University of Arizona and the Field Museum. Next, she joined the National Evolutionary Synthesis Center (NESCent) as Bioinformatics Project Manager and Training Coordinator, where she worked with visiting scientists to design and develop solutions for management, analysis, and publication of evolutionary data.

When: Thursday March 2nd 2017 at 12:00 pm

Where: Visualization Theatre, Room 1009
Biodiversity Institute of Ontario

For scheduling and more information on the seminars, please visit:

<http://biodiversitygenomics.net/resources/seminar-series/>

