

Short Course in Organismic Plant Biology 2015

Plant Anatomy: Development, Function, and Evolution

At the Arnold Arboretum of Harvard University, June 22 – July 3, 2015

The NSF-sponsored Research Coordination Network (RCN) microMORPH and the Arnold Arboretum of Harvard University are pleased to announce our third summer short course, Plant Anatomy (with an emphasis on woody plants), June 22 – July 3, 2015. This short course will be taught by experts from around the world as an intense, two-week lecture, laboratory, and living collections learning experience. The course will be based at the Weld Hill Research Building at the Arnold Arboretum, which offers a state-of-the-art microscopy laboratory for teaching and sits amid the 15,000+ living specimens of more than 2,200 species at the Arnold Arboretum. **We invite applications from graduate students and postdoctoral researchers who wish to gain a solid foundation in plant anatomy from an organismic perspective, with a special focus on wood anatomy.**



COURSE INSTRUCTORS:

Pieter Baas	Naturalis Biodiversity Center
William (Ned) Friedman	Harvard University
Peter Gasson	Royal Botanic Gardens, Kew
Elisabeth Wheeler	North Carolina State University

COURSE SYLLABUS:

Week 1: Basics of Plant Anatomy, Primary Tissues
Week 2: Anatomy of Woody Plants

APPLICATION INFORMATION: Applications from graduate students and postdoctoral researchers must be received by **March 31, 2015 at 11:30 pm**. Undergraduates in their final year of study, who have been admitted to a graduate or professional program for the fall of 2015, may also apply. Twelve participants will be chosen to attend. Funding for travel, accommodations, and meals will be provided by the microMORPH RCN and the Arnold Arboretum. Non-US participants are welcome!

HOW TO APPLY: Please visit the microMORPH website (<http://projects.iq.harvard.edu/micromorph>) for full instructions on how to submit an online application. Applicants will need to submit a short essay detailing their interest in the course and in plant biology, and two letters of recommendation.

microMORPH is an NSF funded Research Coordination Network (RCN). The goal of this RCN is to promote interdisciplinary interactions in evolutionary developmental biology at the emerging interface between developmental biology and the study of intraspecific and interspecific variation.

For additional information, contact Becky Povilus at (RCNmicromorph@gmail.com)