The Department of Plant Biology seeks a Research Scientist to perform research in the area of mathematics of phylogenetic inference to contribute to the development of more accurate and potentially faster tree inference.

DUTIES AND RESPONSIBILITIES

1. Develop computational and analytical methods for the inference of phylogenetic trees containing both hard and soft polytomies. This may build on distance-based approaches to tree reconstruction.
2. Write code to apply methods for inference of evolutionary processes in cultural and social datasets.
3. Supervise graduate students (assign/review work and set goals).

QUALIFICATIONS

Required:
- PhD in mathematical sciences or related discipline
- 1 year postdoctoral experience
- Experience with algorithms or theorems related to phylogenetic tree reconstruction

Preferred:
- 2-3 years postdoctoral experience

SALARY AND APPOINTMENT INFORMATION

This is a 50% part-time, academic professional position appointed on a 12-month service basis. The expected start date is August 16, 2017. This is a one year appointment with possibility of renewal based on funding and favorable annual review. Applicants may be interviewed before the closing date; however no hiring decision will be made until after that date. Salary is commensurate with experience and qualifications.

APPLICATION PROCEDURES AND DEADLINE INFORMATION

To apply for this position, please create a candidate profile at http://go.illinois.edu/ResSciPlBio and upload your cover letter and resume by June 29, 2017. Online application will require names and contact information including email addresses for three professional references. Full consideration will be given to complete applications received by the closing date. The University of Illinois conducts criminal background checks on all job candidates upon acceptance of a contingent offer.

For further information regarding application procedures, you may contact Marty Forrest at mjforres@illinois.edu.

The University of Illinois is an Equal Opportunity, Affirmative Action employer. Minorities, women, veterans and individuals with disabilities are encouraged to apply. For more information, visit http://go.illinois.edu/EEO. To learn more about the University’s commitment to diversity, please visit http://www.inclusiveillinois.illinois.edu