

FINAL
CS0082

Postdoctoral Position in Biological Sciences: Biodiversity of testate amoebae

The Department of Biological Sciences at Smith College invites applications for a full-time, benefits-eligible, non-tenure-track postdoctoral research position that will use microscopy and molecular tools to explore the diversity of testate amoebae in New England bogs and fens, to begin July 2017. This grant-funded position will be housed in Professor Laura Katz's laboratory (<http://www.science.smith.edu/katz-lab/research/>). The initial appointment is for one year, with the possibility of extending for additional years.

The aims of this project include characterizing the diversity of testate amoebae morphospecies and communities in low pH bogs and fens, and to collect preliminary data on the transcriptomes of testate amoebae. The ideal candidate will be a productive researcher with interests in biodiversity and phylogenomics of microorganisms; have experience identifying and isolating diverse amoebae; and have knowledge of bioinformatic and/or phylogenetic tools. Excellence in communication and interpersonal skills and an interest in collaborating with graduate and undergraduate students in the laboratory are essential. Ph.D. in Biological Sciences or related field required by time of appointment.

Research in the Katz lab aims to elucidate principles of evolution in eukaryotes through analyses of microbial groups, and to assess how these principles apply (or fail to apply) to other organisms. Currently we focus on four interrelated areas: (1) Characterizing evolutionary relationships among eukaryotes, with a focus on the 'SAR' clade; (2) Exploring the evolution of ciliate genomes; (3) describing the phylogeography of coastal marine ciliates; and (4) characterizing the diversity of testate amoebae in New England bogs and fens.

Located in Northampton, MA, Smith College is the largest women's college in the country and is dedicated to excellence in teaching and research across the liberal arts. A faculty of outstanding scholars interact with students in small classes, as advisors, and through student-faculty research projects. The Five College Consortium, comprised of Smith, Amherst, Mount Holyoke, and Hampshire Colleges and the University of Massachusetts, Amherst, provides a rich intellectual and cultural life.

Submit application at <http://apply.interfolio.com/41040> with a letter of application, C.V., a statement of research interests, three representative publications, and the names and contact information of three references. Review of applications will begin April 1, 2017.

Diversifying the student body, faculty, administration, staff, and curriculum is crucial to the mission of and vision for the College. We are committed to providing access and reasonable accommodation in the application process for individuals with disabilities and encourage applicants to request any needed accommodation(s). We value and are committed to a host of diverse populations and cultures, including, but not limited to, those based on ability, age, ethnicity, gender, gender identity, national origin, race, religion, sexual orientation, and veteran status.

Smith College is an EO/AA/Vet/Disability Employer. Women, underrepresented racial groups, veterans and individuals with disabilities are encouraged to apply.