



Tenure-Track Position Announcement Mathematical Biology of Infectious Disease

POSITION: Tenure-Track, Assistant or early Associate Professor
Academic year (9-month) appointment
Department of Ecology and Evolutionary Biology
College of Agriculture and Life Sciences, Cornell University, Ithaca, NY 14853

START DATE: Anticipated July 2019

OPPORTUNITY: We invite applications for a tenure track position in the Mathematical Biology of Infectious Disease at the level of Assistant or early Associate Professor. We are seeking candidates who use mathematical, statistical or computational approaches to model dynamics of infectious disease, informed by empirical data and with an emphasis on ecological systems. Research could be conducted at various scales of inquiry from dynamics of pathogens within individual hosts, to population-level spread of infection, to epidemiology of infection and disease at landscape and ecosystem levels. The appointed faculty member will be expected to establish an independent, innovative, well-funded and internationally recognized research program. We are especially interested in candidates who will be interactive and motivated by collaboration with empirical biologists. This position is associated with the Cornell Institute of Host-Microbe Interactions and Disease (CIHMID) and is consistent with a campus-wide emphasis on expanding research and teaching in Infection Biology. Potential exists for intellectual connections and collaborations across multiple disciplines and units at Cornell, including: Computational Biology, the Center for Applied Mathematics, the Departments of Entomology, Microbiology, and Molecular Biology and Genetics, the School of Integrative Plant Science, the College of Veterinary Medicine and Weill Cornell Medicine.

QUALIFICATIONS: Applicants should have a Ph.D. in Mathematical Biology, Mathematics, Statistics, or related area and demonstrated excellence in research. Previous research should be focused on quantitative dynamics of infectious disease at any scale ranging from kinetics within a single host to landscape-scale epidemiology. Candidates should have a strong interest in collaborative research and a dedication to excellence in teaching. Post-doctoral experience is highly desirable.

SALARY/BENEFITS: Support will be competitive and commensurate with qualifications and experience. An attractive fringe benefit package is included.

APPLICATIONS: Candidates should submit via the website <https://academicjobsonline.org/ajo/jobs/11710>: a short cover letter, curriculum vitae, contact information for three references, a research statement, a statement of teaching interests and experience, and a [statement of contribution to diversity, equity, and inclusion](#). Inquiries can be directed to Search Committee Chair, Alison Power, at mathbio_search@cornell.edu. Applications from women and minority candidates are actively encouraged. Review of applications will begin October 15, 2018 and continue until the position is filled.

ABOUT CORNELL: The Department of Ecology and Evolutionary Biology and the College of Agriculture and Life Sciences at Cornell embrace diversity and seek candidates who will help create a climate that attracts students of all races, nationalities, and genders. The College of Agriculture and Life Sciences is a pioneer of purpose-driven science and Cornell University's second largest college. We work across disciplines to tackle the challenges of our time through world-renowned research, education and outreach. The questions we probe and the answers we seek focus on three overlapping concerns: natural and human systems; food, energy and environmental resources; and social, physical and economic well-being. Cornell University seeks to meet the needs of dual career couples, has a Dual Career program, and is a member of the Upstate New York Higher Education Recruitment Consortium to assist with dual career searches. Visit <http://www.unyherc.org> to see positions available in higher education in the upstate New York area. Cornell and Ithaca are family-friendly communities: Cornell has a comprehensive set of policies, services and benefits to help you, your partner and your children to feel welcome here, to support your well-being, and to support you in caring for your family. Visit [Resources for Parent and Families](#) website for more details. Diversity and Inclusion are a part of Cornell University's heritage. We are a recognized employer and educator valuing AA/EEO, Protected Veterans and Individuals with Disabilities. Cornell University is an innovative Ivy League university and a great place to work. Our inclusive community of scholars, students, and staff impart an uncommon sense of larger purpose, and contribute creative ideas to further the University's mission of teaching, discovery, and engagement.