Postdoctoral Associate in the Laboratory of Populations

The Laboratory of Populations, headed by Joel E. Cohen, seeks to hire a Postdoctoral Associate to begin between September 30, 2010, and late summer 2011. The successful applicant will do full-time research on mathematical, statistical, and empirical questions in population biology. A main focus is the relationship between the average and the variance of population sizes, including Taylor’s Law. Empirical examples to be studied will include microbes, trees, and people. Additional topics in population- and community-level biology include population dynamics, food webs, infectious diseases, human mortality, and other topics of interest to the Associate and the Lab. For more information about the Lab’s research, see http://lab.rockefeller.edu/cohenje/. For publications, see http://lab.rockefeller.edu/cohenje/pubvita.

A Ph.D. in mathematics or statistics, or exceptionally strong quantitative training in mathematics or statistics as part of a Ph.D. in a quantitative science, is required. Ability to think rigorously and skeptically, strong desire to solve problems in population biology, willingness to learn new subjects, and willingness to give and take criticism with good humor are essential. An ability to write clear English is essential. Experience in writing, testing, and documenting computer programs clearly is essential. Additional background in ecology, population biology, physics, computer science and related fields is desirable.

The first year’s salary for a new doctorate is $46,000. The salary increases with seniority and with prior experience in accordance with University guidelines. Depending on performance, the position will last one to five years. Initial funding is provided by a grant from the U.S. National Science Foundation. No teaching is required.

The Rockefeller University, a leading center of biological research in New York City, is a culturally diverse institution in a culturally diverse city. Approximately half of the faculty and students at The Rockefeller University are not of United States origin. An appetite for cultural diversity in daily contacts is essential. We collaborate extensively with colleagues elsewhere in the United States and abroad. New York is home to several other institutions pursuing research in population biology, including Columbia University, New York University and the Population Council. The Associate may participate in the Earth Institute Fellows Program at Columbia University by mutual agreement of the Associate and that Program.

The Rockefeller University is an Affirmative Action/Equal Opportunity/VEVRAA Employer and solicits applications from women and under-represented minorities.

For more information, contact Joel E. Cohen at cohen@rockefeller.edu. Do not telephone. To apply, send to Priscilla K. Rogerson at progerson@rockefeller.edu two documents (in .txt, .pdf, .doc, or .docx format) as email attachments: a cover letter summarizing your mathematical, statistical and scientific experience, interests and goals (at most two pages single-spaced); and a vita, including a list of publications and the names, email addresses and telephone numbers of three references. Do not request that letters of reference be sent. Do include your family name followed by given name at the beginning of the file name of each attached document.