Assistant Professor of Computational, Quantitative and/or Theoretical Biology, Department of Biology, Colorado State University

The Department of Biology at Colorado State University (Fort Collins, Colorado) is recruiting a new tenure-track faculty member at the rank of ASSISTANT PROFESSOR who is addressing fundamental questions in biology using computational, quantitative and/or theoretical approaches. Relevant areas of interest include (but are not limited to) genomics/metagenomics/epigenomics, systems biology, synthetic biology, population genetics, epidemiology, ecological or evolutionary modeling/theory, and/or quantitative ecology. We envision an independent researcher who will develop a strong, extramurally-funded research program in one or more of these areas of inquiry. In particular, we are seeking applications from scientists who are interested in working in a highly collaborative department and are enthusiastic about teaching at both the undergraduate and graduate levels and contributing to the outreach mission of Colorado State University.

DEPARTMENT: The Department of Biology at Colorado State University (CSU) is one of eight departments in the College of Natural Sciences. The Department has a strong commitment to research and undergraduate and graduate teaching. The Department is home to about 1,550 undergraduate majors, 115 graduate students, 35 postdoctoral fellows, 10 non-tenure track faculty, and 30 regular faculty members. Research interests range from molecules to ecosystems. The successful candidate will be housed in a state-of-the-art biological sciences facility that opened in 2017. For more information about the Department, please visit: http://www.biology.colostate.edu/

RESPONSIBILITIES: This tenure-track position involves research (45 percent), undergraduate and graduate teaching (45 percent), and service/outreach (10 percent). The successful candidate will be expected to develop an extramurally funded and innovative research program, and to advance the department’s commitment to diversity and inclusion through research, teaching and outreach with relevant programs, goals and activities. The position involves training PhD- and MS-level graduate students, as well as teaching undergraduate and graduate courses in the candidate’s area of expertise and in the department’s core curriculum.

REQUIRED QUALIFICATIONS: Applicants must have a Ph.D. or equivalent degree in Biology or a related field by the time of their application and a research program in computational, quantitative and/or theoretical biology as demonstrated by publications in peer-reviewed journals.

PREFERRED QUALIFICATIONS: Postdoctoral experience, intellectual leadership, evidence of successful grant writing, broad background in computational/quantitative/theoretical techniques, biologically-based research program, teaching/mentoring experience, engagement in service/outreach/inclusivity activities, and experience working in a collaborative setting.

EMPLOYMENT CONDITIONS: This is a nine-month, full-time position. Salary and start-up funds will be commensurate with education and experience at the rank of Assistant Professor.

DATES AND RECORDS: The computational, analytical, and/or theoretical biology position will be available as early as August 15, 2018. Screening of applications will begin November 20, 2017 and continue until the position is filled.
TO APPLY, please submit an application consisting of a cover letter, current CV, statement of teaching philosophy (1-2 pages), statement of research (2-3 pages), and up to three representative publications and/or in-press manuscripts by November 19, 2017 to http://jobs.colostate.edu/postings/50952
Reference letter writers will be contacted immediately upon submission of application and will receive an email with a link to submit their letter.
Reference letters must be received by November 26, 2017.
For full consideration, applications must be complete including reference letters by November 26, 2017. No mail-in applications or letters will be accepted.
Application materials of finalist candidates, including letters of reference, will be made available for review by the entire tenure-track faculty of the Department of Biology.
Inquiries concerning the position should be addressed to:
Melinda Smith, Professor and Chair of the Computational, Analytical and Theoretical Biologist Search Committee, E-mail:
bio_searchchair@colostate.edu
Inquiries concerning the application should be addressed to:
Meagan Taverner, Office Manager and Computational, Analytical and Theoretical Biologist Search Staff. E-mail: bio_searchstaff@colostate.edu

INTERDISCIPLINARY DEGREE PROGRAMS AT CSU:
CSU provides a highly dynamic and interactive environment with opportunities to collaborate with faculty across the campus via several interdisciplinary graduate programs, including: the Cell and Molecular Biology Graduate Degree Program (http://www.cmb.colostate.edu/), the Molecular, Cellular and Integrative Neurosciences Program (http://mcin.colostate.edu/), the School of Biomedical Engineering Program (http://www.engr.colostate.edu/sbme/), the Program in Molecular Plant Biology (http://plant.biology.colostate.edu/), and the Graduate Degree Program in Ecology (http://www.ecology.colostate.edu/).
The CSU initiatives in science education are very broad including the College of Natural Sciences Education & Outreach Center (http://www.cns-ecol.colostate.edu), CSU STEM center (http://stem.colostate.edu/about/), School of Global Environmental Sustainability (http://sustainability.colostate.edu), and the School of Education (http://soe.chhs.colostate.edu).

UNIVERSITY AND LOCAL ENVIRONMENT: Colorado State University has a total enrollment of more than 33,000 full-time students. The campus is located in Fort Collins, a city of 165,000 residents 60 miles north of Denver along the beautiful front range of the Rocky Mountains. Other major employers in the community are Hewlett-Packard, Advanced Energy, Intel, Otter Products, UC Health, Woodward, New Belgium Brewing Company, and Anheuser-Busch. There are also several state and federal research agencies in Fort Collins that contribute to the intellectual environment of the university. The University of Colorado in Boulder, the University of Colorado Denver | Anschutz Medical Campus, and the University of Wyoming in Laramie are all within a one-hour drive. In addition to the many and varied cultural activities sponsored by the university, the community offers a center for performing arts, a symphony orchestra, repertory theater, choral society, and dance company. Rocky Mountain National Park and Roosevelt National Forest are within 30 miles of Fort Collins. Fort Collins has an excellent school system, and is consistently ranked in the Top 10 best places to live [http://www.fcgov.com/visitor/awards.php].

Colorado State University is committed to providing an environment that is free from discrimination and harassment based on race, age, creed, color, religion, national origin or ancestry, sex, gender, disability,
veteran status, genetic information, sexual orientation, gender identity or expression, or pregnancy and
will not discharge or in any other manner discriminate against employees or applicants because they
have inquired about, discussed, or disclosed their own pay or the pay of another employee or applicant.
Colorado State University is an equal opportunity/equal access/affirmative action employer fully
committed to achieving a diverse workforce and complies with all Federal and Colorado State laws,
regulations, and executive orders regarding non-discrimination and affirmative action. The Office of
Equal Opportunity is located in 101 Student Services.

The Title IX Coordinator is the Executive Director of the Office of Support and Safety Assessment, 123
Student Services Building, Fort Collins, CO 80523 -2026, (970) 491-7407.

The Section 504 and ADA Coordinator is the Associate Vice President for Human Capital, Office of Equal
Opportunity, 101 Student Services Building, Fort Collins, CO 80523-0160, (970) 491-5836.

Colorado State University (CSU) strives to provide a safe study, work, and living environment for its
faculty, staff, volunteers and students. To support this environment and comply with applicable laws
and regulations, CSU conducts background checks. The type of background check conducted varies by
position and can include, but is not limited to, criminal (felony and misdemeanor) history, sex offender
registry, motor vehicle history, financial history, and/or education verification. Background checks will
be conducted when required by law or contract and when, in the discretion of the university, it is
reasonable and prudent to do so.