

Instructional Faculty Track Lecturer – Biology

The Department of Biology at the University of Iowa invites applications for a non-tenure, Instructional Faculty track Lecturer position beginning August 2019. The initial appointment is for three years subject to annual review and renewal. While the Instructional Faculty track does not include the possibility of tenure, it otherwise parallels the tenure track having opportunities for promotion with a longer appointment interval. More information about the Instructional Faculty track can be found on the Provost's website at <https://provost.uiowa.edu/instructional-faculty-track-appointments>. Salary will be commensurate with experience.

The successful applicant will have: 1) a PhD or equivalent in biology, biology education, or a related field; 2) a commitment to excellence in undergraduate biology education; 3) experience teaching introductory biology lecture and/or laboratory courses; 4) a willingness to collaborate with faculty, staff, and students to maintain a cycle of assessment and revision of introductory undergraduate biology curriculum; and 5) excellent communication, organization, and leadership skills. Candidates with experience designing and implementing learner-centered, evidence-based instructional practices and assessment in large lecture courses are encouraged to apply.

This position will primarily contribute to administration and instruction in the introductory biology curriculum for the life sciences, specifically *Foundations of Biology*, the first course in our two-course series that is followed by *Diversity of Form and Function*. The curriculum and pedagogy of these courses supports the recommendations of the Vision and Change (2011) report. *Foundations of Biology* examines the unifying concepts that apply to living things organized into three main conceptual units: Molecules & Cells, Transmission & Molecular Genetics, and Evolutionary Mechanisms & Patterns. Responsibilities of this position include instruction in *Foundations of Biology* lecture and oversight of the curriculum and pedagogy of the integrated laboratory. The successful candidate will be expected to perform the following roles: define learning objectives and develop engaging lecture content that supports these learning goals; train and supervise Biology undergraduate and graduate student TAs; revise or create lab activities, materials and assessments; develop additional course materials such as syllabi, assessments, lecture slides, digital resources for LMS; and other instructional duties as needed.

Education Requirement

Ph.D. or equivalent in biology, biology education, or a related field completed by the start date, August 21, 2019.

Required Qualifications

Applicants should have a commitment to excellence in undergraduate biology education; experience teaching introductory biology lecture and/or laboratory courses; a willingness to collaborate with faculty, staff, and students to maintain a cycle of assessment and revision of

introductory undergraduate biology curriculum; and excellent communication, organization, and leadership skills.

Desirable Qualifications

Demonstrated experience with the following will also be used to evaluate candidates: implementation of learner-centered, evidence-based instructional practices and assessment; use of software platforms such as Canvas and TopHat (or equivalent LMS and polling software); lecturing in a large class; applying best-practices in the design and assessment of lecture/lab materials; mentoring and professional development of undergraduate and graduate TAs; implementation of discipline-based education research; and/or postdoctoral research experience.

All applications must be completed online at <https://jobs.uiowa.edu>, referring to Requisition #73630. Applications must include a CV, a letter of interest, and list the name and contact information for three references. Additional materials that may be included are course syllabi, teaching materials, and a teaching statement. Screening of applicants will begin on May 15, 2019 and will continue until the position is filled.

The Department Biology, and the College of Liberal Arts and Sciences are strongly committed to diversity; the strategic plans of the University, College, reflect this commitment. All qualified applicants are encouraged to apply and will receive consideration for employment free from discrimination on the basis of race, creed, color, national origin, age, sex, pregnancy, sexual orientation, gender identity, genetic information, religion, associational preference, status as a qualified individual with a disability, or status as a protected veteran. The University of Iowa is an equal opportunity/affirmative action employer.