

Open Faculty Position for:
Assistant Professor in Systems Biology
Iowa State University
Department of Genetics, Development & Cell Biology



The Department of Genetics, Development and Cell Biology (GDCB) at Iowa State University (ISU) (<https://www.gdcb.iastate.edu>) invites applications for a **tenure-track assistant professor** position in **Systems Biology**.

GDCB seeks to hire a systems biologist who addresses fundamental questions at a cellular or molecular level, using a combination of experimental (e.g., genomics, transcriptomics, proteomics, metabolomics, high-content microscopy) and computational (network analysis, modeling) approaches to address fundamental aspects of complex cellular or organismal functions. Scientists working in any model organism or across diverse species are encouraged to apply. Areas of interest include but are not limited to: cellular and developmental processes integral to plant or animal health or disease, phenomics, genetic and metabolic regulatory networks, and responses to environmental signals and stresses. Interdisciplinary or collaborative research that complements existing strengths of the department and ISU is encouraged.

Responsibilities include building a nationally recognized research program that competes successfully for extramural funding, advancing the discipline through high-quality publications, mentoring students, and effective teaching of undergraduate and graduate courses. The successful candidate will demonstrate excellent communication and leadership skills and will share the university's commitment to an inclusive environment that supports diversity.

GDCB and ISU provide an interactive and collegial environment of world-class scientists studying biological questions of fundamental importance, using both experimental and computational approaches in an array of organisms. GDCB faculty actively participate in interdisciplinary graduate training programs (Bioinformatics and Computational Biology, Genetics and Genomics, Molecular Cellular and Developmental Biology, Microbiology, Neuroscience, Plant Biology, Toxicology) and have the access to outstanding state-of-the-art computational infrastructure and biotechnology service facilities (<http://www.biotech.iastate.edu/biotechnology-service-facilities/>).

Required Qualifications:

- Ph.D. in life sciences or relevant discipline
- Published record of high-quality research

Preferred Qualifications:

- Demonstrated ability or clear potential to secure extramural funding
- Evidence of ability to develop a research program with potential for national distinction
- Research plan that enhances existing strengths at ISU
- Engagement in interdisciplinary or collaborative research
- Postdoctoral research experience
- Demonstrated ability or potential to excel in scholarly teaching & mentoring
- Evidence of commitment to an inclusive climate that supports diversity and respectful exchange of ideas

Please visit <https://www.iastatejobs.com/postings/36729> to view the entire vacancy and apply electronically. For full consideration, submit the application by **Dec. 7, 2018**. Email for questions: gdcbsearch_sb@iastate.edu

Iowa State University (ISU) is ranked as one of the top public universities in the nation. ISU is located in Ames, Iowa, a progressive community of 66,000 that was recently voted one of the best college towns in the nation.

Iowa State University is an EO/AA Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability, or protected Vets status.