GEORGIA SOUTHERN UNIVERSITY

Bioinformatics Assistant Professor —Job Opening 266959
College of Science and Mathematics/Biology

The Department of Biology in the College of Science and Mathematics (COSM) invites applications for an open Tenure Track position of Assistant Professor of Biology focused in any area of Bioinformatics.

Founded in 1906, Georgia Southern University is a Carnegie Doctoral/R2 institution with a focus on public-impact research, serving over 25,500 students on three beautiful campuses in Statesboro, Savannah, and Hinesville, and via a growing online program. Through our degree offerings at the associate's, bachelor's, master's and doctoral levels, Georgia Southern offers a distinctive combination of community collaboration, world-class scholarship, innovative teaching, and hands-on learning opportunities.

Within this setting, the Department of Biology comprises a diverse faculty of teacher-scholars involved in a wide range of applied and theoretical research relevant to natural resources, molecular biology, and health sciences. The department provides a foundation for lifelong learning and appreciation of biological processes and biological diversity through teaching, research, and outreach. It offers undergraduate and graduate students (M.S. in Biology and Ph.D. in Environmental Science) a challenging education that is research-based and technology-oriented. The new faculty member will support the current programs in Biology and COSM, including the development of a B.S./ M.S./ ABM (accelerated bachelor's to master's) in Biomedical Sciences. Three campuses and a variety of off-campus research facilities offer Biology faculty and students access to state-of-the-art equipment in the department, including a genomics core lab, computational cluster, BSL-2 labs, an advanced Animal Care Facility, and the COSM Core Research Lab (CCRL).

Position Description. Reporting to the department chair, the Assistant Professor in Bioinformatics requires experience in and commitment to research, teaching, and service and a doctoral degree in Biology or a related field. The position includes teaching responsibilities at the undergraduate and graduate levels. The successful candidate will develop a high-impact, externally funded research program in one or more of the following areas: stochastic/mechanistic modeling, genomics/proteomics, artificial intelligence (AI), global environmental change, or other big data computational subfields relating to biomedical or environmental sciences. This position is an academic 10-month tenure track appointment, and the salary is competitive and commensurate with qualifications and experience.

Required Qualifications:
- Earned doctorate in Biology, Bioinformatics, or a closely related field, by December 15, 2023.
- Demonstrated excellence in research, as evidenced by a strong publication record.
- Strong potential to attract extramural funding commensurate with an R2 institution transitioning to an R1.
- Willingness to engage with institutional student success initiatives.
- Commitment to engaging with best practice initiatives in instruction and pedagogy, mentoring, and curriculum design and development.
- Demonstrated commitment to advancing a strong and growing research and scholarship agenda and the production of research/creative activities as appropriate to the discipline.

<u>Preferred Qualifications:</u>
*   Postdoctoral research experience.
*   Student-centered (graduate and undergraduate) research experience.
*   Teaching experience at the undergraduate and/or graduate levels.

<u>Conditions of Employment:</u>

Must be authorized to work in the United States for the duration of employment without assistance from the institution.

*   All work (with limited exceptions such as research and study abroad and outside activities such as grading and email correspondence) for Georgia Southern University must be completed while the employee is physically present in the state of Georgia, unless specifically authorized by the university for a specific purpose and limited period of time within current policy.
*   Faculty are expected to contribute to the vibrant university community by engaging students, participating in events, and performing other responsibilities on-campus.
*   Faculty may be required to teach, conduct research, or perform service duties on any of the three campuses. Georgia Southern provides accessible transportation options between campuses.

Screening of applications begins January 18, 2024 and continues until the positions are filled. The preferred start date is 1 August 2024. A complete application consists of a cover letter addressing the qualifications cited above (1-2 pages); research statement (5 page max); teaching statement (2 page max); a curriculum vitae*;* and the names, addresses, telephone numbers, and email addresses of at least 3 professional references. Other documentation may be requested. Only complete applications submitted electronically will be considered. Finalists will be required to submit to a background investigation. See https://hr.georgiasouthern.edu/employment-opportunities/ to apply. **Reference Job ID 266959**.

More information about the institution is available through http://www.georgiasouthern.edu or http://www.bio.georgiasouthern.edu. The names of applicants and nominees, vitae, and other nonevaluative information may be subject to public inspection under the Georgia Open Records Act. Georgia Southern University provides equal employment opportunities to all employees and applicants for employment without regard to race, color, sex, sexual orientation, gender identity or expression, national origin, religion, age, veteran status, political affiliation, or disability. Individuals who need reasonable accommodations under the Americans with Disabilities Act to participate in the search process should notify Human Resources at 912-478-6947.