

Opportunity Title: Post-Master's Research Associate in Bioinformatics

Opportunity Reference Code: ORNL12-15-BSD

Organization Oak Ridge National Laboratory (ORNL)

Reference Code ORNL12-15-BSD

Description The Computational Biology and Bioinformatics Group of Oak Ridge National Laboratory is seeking a bioinformaticist to provide analytical capabilities and training to a range of projects primarily involving systems biology research in microbes, plants and microbial communities and will be responsible for analyzing genomics, transcriptomics and other high-throughput data. This position involves working in close collaboration with laboratory researchers generating the data, and is expected to be able to develop software and solutions appropriate for the analysis of the project data, and to teach and provide advice for managing and analyzing data.

This position offers access to the outstanding facilities for computing and biology at the ORNL, with close collaborations between biologists and computational scientists.


Qualified candidates are invited to submit a letter of interest, current curriculum vitae, a statement of research interests, and the names of at least three references. For further information about the position contact Bob Cottingham at cottinghamrw@ornl.gov or 865-241-0554.

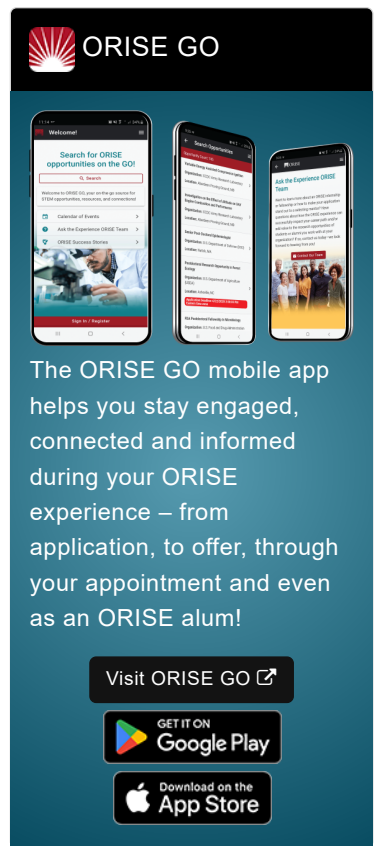
Qualifications The candidate must possess a M.S. in bioinformatics, computational biology, bio/physics, math, computer science or physics. In lieu of an M.S., a B.S. with 3+ years of directly related experience will be considered. Must have demonstrated experience analyzing omics data and be proficient in common Bioinformatics programming languages such as Perl, C, R, and Python. Some experience with Relational Databases is preferred. Experience with a variety of microorganisms or plant genomes will be a plus. Expertise in microbial genome systems, pathways and networks annotation is of specific interest. The successful candidate will have outstanding communications and interpersonal skills, and will perform effectively in a dynamic, intellectually stimulating multi-disciplinary research environment.

Applicants cannot have received the most recent degree more than five years prior to the date of application and must complete all degree requirements before starting their appointment.

This appointment is offered through the ORNL Postgraduate Research Associates Program and is administered by ORAU through the Oak Ridge Institute for Science and Education (ORISE). The program is open to all qualified U.S. and non-U.S. citizens without regard to race, color, age, religion, sex, national origin, physical or mental disability, or status as a Vietnam-era veteran or disabled veteran.


Eligibility Requirements


- **Degree:** Bachelor's Degree or Master's Degree received within the last 60 month(s).
- **Discipline(s):**
 - **Environmental and Marine Sciences** ([1](#) )




ORISE GO

The ORISE GO mobile app helps you stay engaged, connected and informed during your ORISE experience – from application, to offer, through your appointment and even as an ORISE alum!

Visit ORISE GO 

GET IT ON
 **Google Play**

 **Download on the App Store**

Opportunity Title: Post-Master's Research Associate in Bioinformatics

Opportunity Reference Code: ORNL12-15-BSD

- **Life Health and Medical Sciences** ([45](#) 👁)
- **Mathematics and Statistics** ([10](#) 👁)

Affirmation I certify that I have completed coursework towards a degree in science, technology, engineering, mathematics, or a related field.

ORAU is an Equal Opportunity Employer (**EOE AA M/F/Vet/Disability**); visit the [ORAU website](#) for required employment notices.