**Bioinformatics Trainer**

**Please see Special Instructions for more details.**

When applying you will be required to attach the following electronic documents: 1) A resume/CV; and 2) A cover letter indicating how your qualifications and experience have prepared you for this position. You will also be required to submit the names of at least three professional references, their e-mail addresses and telephone numbers as part of the application process. For additional information please contact: Brett Tyler, Brett.Tyler@Oregonstate.edu. OSU commits to inclusive excellence by advancing equity and diversity in all that we do. We are an Affirmative Action/Equal Opportunity employer, and particularly encourage applications from members of historically underrepresented racial/ethnic groups, women, individuals with disabilities, veterans, LGBTQ community members, and others who demonstrate the ability to help us achieve our vision of a diverse and inclusive community.

**Position Details**

**Position Information**

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| **Department** | Ctr Excellnce Genome Res (RDR) |
| **Position Title** | Faculty Research Assistant |
| **Job Title** | Bioinformatics Trainer |
| **Appointment Type** | Academic Teaching/Research Faculty |
| **Job Location** | Corvallis |
| **Position Appointment Percent** | 100 |
| **Appointment Basis** | 12 |
| **Faculty Status** | Regular |
| **Tenure Status** | Fixed-Term |
| **Pay Method** | Salary |
| **Recommended Full-Time Salary Range** | Salary is commensurate with education and experience. |
| **Position Summary** | The Center for Genome Research and Biocomputing invites applications for a full-time (1.00 FTE), 12-month, fixed term, Bioinformatics Trainer Faculty Research Assistant position. Reappointment is at the discretion of the Director.  The Center for Genome Research and Biocomputing (CGRB) at Oregon State University (OSU) collaborates with and assists life scientists of all levels in their research using cutting-edge genomics, informatics and computational techniques. An important component of the CGRB’s activities is a computational biology training program. We are an enthusiastic team of data, computer and laboratory scientists serving OSU and beyond.  This position will work closely with CGRB staff and the OSU research community to provide a high quality of service and promote the CGRB’s mission of bioinformatics research and education. The successful candidate will: 1) train researchers at all levels, including those from industry, to use bioinformatics and biocomputing applications in research projects, and 2) collaborate in research projects that require bioinformatics and biocomputing expertise. Appointee is required to collaborate in a collegial and inclusive fashion with CGRB staff and clients in the execution of all job functions.  The CGRB interacts with a wide variety of faculty, staff, and students representing a broad range of expertise and cultural backgrounds. This position will support CGRB’s and the university’s mission of equity, inclusion and diversity by respecting, welcoming and supporting the diverse perspectives of our clientele. We are currently engaged in work bringing STEM learning to underrepresented groups, so candidates with experience in outreach and engagement with underserved communities are encouraged to apply. |
| **Position Duties** | 50% Bioinformatics training  • Implement and continually update existing, short workshops and classes (3 days to 3 weeks) in topics in computational biology, specifically  o RNA-Sequence analysis and its applications o Genotyping-by-sequencing, related technologies, and their applications o Metagenomics data analysis and its applications  • Develop and implement new workshops and classes in other topics in computational biology, as desired by the OSU research community  • Incorporate distance learning methodologies or other cutting edge educational solutions where needed, to provide a high quality of service for learners  • One-on-one training activities specific to individual learner needs  • Collaborate with other CGRB staff in organizing the CGRB Bioinformatics Users’ Group and other community-based efforts  50% Collaborative research  • Plan and execute research proposals and funded projects with CGRB collaborators in the areas of bioinformatics and biocomputing. Analyze data and prepare reports from this research for publications and research proposals. Present research at conferences. Contribute to the support and development of the biocomputing research infrastructure. |
| **Minimum/Required Qualifications** | • M.S. in bioinformatics, or computational biology, or related field (at time of hire). • Minimum of one term experience as a teaching assistant in biology, bioinformatics, computational biology or computer science, or equivalent experience with formalized delivery of training in an industrial, academic or other setting. • Demonstrated problem-solving skills, independence, high motivation, and excellent communication skills, both orally and written. • Strong organizational and time management skills. |
| **Preferred (Special) Qualifications** | Ph.D. in bioinformatics, or computational biology, or related field • Experience in analysis of RNAseq, genotyping-by-sequencing (GBS), and/or metagenomics data • Experience with distance learning technologies and methodologies.  • Experience in a Linux or Unix environment.  • Experience as an industry or academic consultant in bioinformatics, computational biology, or computer science. • Undergraduate degree or diploma in computer science or biology • Training in biostatistics • Proficiency in one or more programming languages (Perl, Python, shell, Java, or similar) • Experience working in a service position. • Experience in outreach and engagement with underserved communities • A demonstrable commitment to promoting and enhancing diversity |
| **Working Conditions / Work Schedule** | This position works in an office with a conventional work schedule. |
| **This position requires a clear and unambiguous commitment to compliance of all National Collegiate Athletic Association (NCAA) regulations for Division I (FBS) universities.** | No |

**Posting Detail Information**

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| **Posting Number** | P01775UF |
| **Number of Vacancies** | 1 |
| **Anticipated Appointment Begin Date** | 02/28/2018 |
| **Anticipated Appointment End Date** |  |
| **Posting Date** | 12/01/2017 |
| **Full Consideration Date** |  |
| **Closing Date** | 01/14/2018 |
| **Indicate how you intend to recruit for this search** | Competitive / External - open to ALL qualified applicants |
| **Special Instructions to Applicants** | When applying you will be required to attach the following electronic documents:  1) A resume/CV; and  2) A cover letter indicating how your qualifications and experience have prepared you for this position.  You will also be required to submit the names of at least three professional references, their e-mail addresses and telephone numbers as part of the application process.  For additional information please contact: Brett Tyler, Brett.Tyler@Oregonstate.edu.  OSU commits to inclusive excellence by advancing equity and diversity in all that we do. We are an Affirmative Action/Equal Opportunity employer, and particularly encourage applications from members of historically underrepresented racial/ethnic groups, women, individuals with disabilities, veterans, LGBTQ community members, and others who demonstrate the ability to help us achieve our vision of a diverse and inclusive community. |

**Supplemental Questions**

Required fields are indicated with an asterisk (\*).

**Documents Needed to Apply**

**Required Documents**

1. Resume
2. Cover Letter

**Optional Documents**

1. Professional References