**Bioinformatics Analyst**

**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 Analyst |
| **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, Bioinformatics Analyst 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 to provide collaborative research services in bioinformatics and computational biology. We are an enthusiastic team of data, computer and laboratory scientists serving OSU and beyond.  This position will provide bioinformatics consulting and analysis services, and participate in collaborative bioinformatics research. Responsibilities and duties include analysis of genomics, transcriptomics, proteomics, and metabolomics data sets, development of new tools in bioinformatics and computational biology, and assistance with the preparation of publications and grant proposals. 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 the CGRB’s and the university’s mission of equity, inclusion and diversity by respecting, welcoming and supporting the diverse perspectives of our clientele. |
| **Position Duties** | 50% Bioinformatics consulting and analysis.  Carry out analysis of large scale data sets from the life and environmental sciences, including genomics, transcriptomics, proteomics and metabolomics data sets as a service for clients of the Center for Genome Research and Biocomputing (CGRB). Includes meeting with clients to plan research projects, to interpret data and to prepare publications.  50% Bioinformatics research.  Participate in funded research projects requiring skills in data science, bioinformatics, computational biology and biocomputing. May involve development of new tools and algorithms, preparation of grant proposals, writing of papers, and attendance at conferences. |
| **Minimum/Required Qualifications** | • M.S. plus two years of research experience, or Ph.D. in bioinformatics, computational biology, biology, statistics, computer science, or related field. • Demonstrated proficiency with at least two of the following: Perl, Python, R, C++, shell scripting. • Demonstrated proficiency with bioinformatics software for nucleic acid assembly, alignment, and statistical analysis, including building pipelines. • Demonstrated problem-solving skills, independence, high motivation, and excellent communication skills, both orally and written. • Strong organizational and time management skills. |
| **Preferred (Special) Qualifications** | • Experience analyzing data from next generation and 3rd generation nucleic acid sequencing technologies. • Experience with analyzing data from genome-wide association studies, and genotyping by sequencing technologies  • Experience with analyzing data from metagenomics or microbiome sequencing studies. • Experience with analyzing data from RNA sequencing, including and de-novo transcriptome assembly. • Experience with genome sequence assembly and annotation • Experience as an industry or academic consultant in bioinformatics, computational biology, statistics or computer science • Experience with building or maintaining SQL databases • Experience with software development.  • A demonstrable commitment to promoting and enhancing |
| **Working Conditions / 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** | P01779UF |
| **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