

**Bioinformatics Analyst, UB Genomics & Bioinformatics
Core
University at Buffalo**

Direct Link: <https://www.AcademicKeys.com/r?job=254516>

Downloaded On: Mar. 18, 2025 7:09am

Posted Mar. 17, 2025, set to expire Jul. 15, 2025

Job Title	Bioinformatics Analyst, UB Genomics & Bioinformatics Core
Department	Nys Center of Excellence In Bioinformatics and Life Sciences
Institution	University at Buffalo Buffalo, New York
Date Posted	Mar. 17, 2025
Application Deadline	08/28/2025
Position Start Date	Available immediately
Job Categories	Research Scientist/Associate Professional Staff
Academic Field(s)	Computer/Information Sciences Biomedical Sciences Biology - Computational
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Job Description

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Position Information

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Bioinformatics Analyst, UB Genomics & Bioinformatics Core

Department: Nys Center of Excellence In Bioinformatics and Life Sciences

Posting Link: <https://www.ubjobs.buffalo.edu/postings/52452>

Job Type: Full-Time

Posting Detail Information

Position Summary

The University at Buffalo, Department of [UB Genomics and Bioinformatics](#) is seeking candidates for the position of **Bioinformatics Analyst**. The Bioinformatics Analyst is responsible for supporting the ever-growing computational analysis needs of the Genomics and Bioinformatics Core. The Bioinformatics Analyst works directly with core laboratory staff in an effort to provide optimal next-generation sequencing results.

Specific responsibilities include:

- Day-to-day processing of the immense data being generated from illumina based next-generation sequencing platforms;
- Quality assurance, initial data processing, and storage of data generated;
- Maintenance of core computational infrastructure;
- Specialized downstream analysis for supporting projects and core initiatives;
- Willingness to quickly adopt new technologies and analysis best practices;
- Analysis of all types of genomic, epigenomic, and transcriptomic data generated by the core;
- Development and modification of computational algorithms to facilitate data analysis at UB; participating in manuscripts and grant applications,
- Figure generation;
- Custom data mining efforts.

Outstanding Benefits Package

Working at UB comes with benefits that exceed salary alone. There are personal rewards including comprehensive health and retirement plan options. We also focus on creating and sustaining a healthy mix of work, personal and academic pursuit - all in an effort to support your work-life effectiveness. We support your growth and development through our career coaching and training department and we qualify as a public service loan forgiveness organization. Learn more about our [benefit packages](#).

About The University at Buffalo

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The University at Buffalo (UB) #ubuffalo is one of Americas leading public research universities and a flagship of the State University of New York system, recognized for our excellence and our impact. UB is a premier, research-intensive public university dedicated to academic excellence. Our research, creative activity and people positively impact the world. Like the city we call home, UB is distinguished by a culture of resilient optimism, resourceful thinking and pragmatic dreaming that enables us to reach others every day. Visit our website to learn more about the [University at Buffalo](#).

As an Equal Opportunity / Affirmative Action employer, the Research Foundation will not discriminate in its employment practices due to an applicants race, color, religion, sex, sexual orientation, gender identity, national origin and veteran or disability status.

Minimum Qualifications

The ideal candidate will be collaborative, self-directed and possess the following:

- A bachelors degree in Bioinformatics or closely related field with 1-2 years experience and familiarity with common NGS data file formats (FastQ, BAM). **Education and experience equivalencies will be considered.**
- Knowledge of Illumina based sequencing platforms (NovaSeq, NextSeq500, MiSeq).
- Proficiency in linux is essential as all workflows are in a linux cluster environment.
- Proficiency in the R coding language with experience using RStudio and Bioconductor.
- Hands on experience processing Next-Generation Sequencing data sets from raw data to alignment (Bowtie2/Hisat2 preferred), and quantification (Subread featureCounts).
- Previous experience using the DESeq2 analysis package from RNA-Seq.
- Background knowledge of wet bench techniques to aid in laboratory trouble shooting.
- Outstanding communication and leadership skills, in interacting with both wet-lab and computational biologists.

Preferred Qualifications

- A Masters degree in Bioinformatics or closely related field.
- Experience in transcriptional analysis is strongly preferred.
- Python coding skills strongly preferred (virtualenv, managing local packages).
- Previous hands-on experience with wet bench assays a plus, but not required.

Salary Range



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\$50,000 - \$60,000

Special Instructions Summary

Is a background check required for this posting?

No

Contact Information

Contact's Name: Donald Yergeau

Contact's Pronouns:

Contact's Title: Associate Director

Contact's Email: donaldye@buffalo.edu

Contact's Phone: 716-645-9195

Posting Dates

Posted: 08/28/2024

Deadline for Applicants: Open Until Filled

Date to be filled: 09/23/2024

jeid-74105601ce59ff4fbaa805f8bd72d0cc

Contact Information

Please reference Academickeys in your cover letter when

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applying for or inquiring about this job announcement.

Contact

N/A

University at Buffalo

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