

Assistant Professor in Computational biologist

The Molecular, Cell and Systems Biology department at the University of California, Riverside seeks an outstanding tenure-track assistant professor to establish an independent research program using cutting-edge computational biology and data science approaches to address important questions in modern biology with an emphasis on infectious diseases starting July 1, 2024. Approaches that integrate large datasets and leverage AI tools like Machine Learning, Deep Learning and Natural Language Processing are encouraged. The research of the successful candidate may involve, for example, multi-omics approaches, network reconstruction, structure prediction, systems biology, epidemiology or incorporate GWAS, Mendelian randomization and related approaches. Individuals using solely computational approaches as well as those combining computation with experimental approaches will be considered.

The successful candidate will have a strong record of research in their field is expected to secure external funding and collaborate with researchers in infectious diseases and other disciplines. The candidate is also expected to teach select courses in computational biology at the undergraduate and graduate levels and supervise graduate students and postdoctoral researchers.

The successful candidate will have access to modern research facilities at UC Riverside including a high-performance computing cluster, and core facilities for bioinformatics, large-scale sequencing, mass-spec, imaging and metabolomics. A competitive start-up package will be provided, with salary commensurate based on experience.

This position will build on existing campus strengths in genomics, proteomics, epigenetics and biochemical regulation, the Center for Infectious Diseases and Vector Research (CIDVR), the UCR Microbiome Initiative and the UCR School of Medicine which has a focus on Health Disparities. The candidate will have access to graduate students in multiple graduate programs including Genetics, Genomics & Bioinformatics; Computer Science; Cell, Molecular & Developmental Biology and Biomedical Sciences.

The UC salary consists of a base pay of \$74,600-\$97,200 for Assistant Professors and additional off-scale to be commensurate with market value, qualifications and experiences. The off-scale portion of the salary will be maintained as long as satisfactory academic progress is made. Additionally, the off-scale will be maintained subject to market adjustments to the UC salary scale.

Required qualifications: A Ph.D., M.D., or equivalent degree in Computational Biology, Molecular Biology, Infectious Disease, Immunology or related fields.

Preferred qualifications for this position include evidence of high-quality independent research such as publications and grants or awards.

To apply please submit:

- (1) Cover letter
- (2) Curriculum vitae
- (3) Statement of Research
- (4) Statement of Teaching

- (5) Three letters of recommendation
- (6) Statement of Past and/or Planned Future Contributions to Advancing Diversity and Inclusive Excellence
- (7) Up to three selected reprints

Review of applications will commence on January 16, 2024 and proceed until the position is filled. For full consideration, applicants should submit their complete applications prior to this date at the AP recruit website: <https://aprecruit.ucr.edu/>

For more information about the position, please contact the Search Committee Chair, Prof. Anand Ray (anandr@ucr.edu). For questions on application procedures please contact Saray Rodriguez, Academic Personnel (saray.rodriguez@ucr.edu). Additional information about the Department of Department of Molecular, Cell and Systems Biology (MCSB) can be found at: <https://mcsb.ucr.edu/>.

UCR is a world-class AAU R1 research university with an exceptionally diverse student body. The candidate should be committed to promoting diversity, equity, and inclusion in their teaching and research activities. The University of California is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, age, disability, protected veteran status, or any other characteristic protected by law.

Advancement through the Assistant ranks at the University of California is through a series of structured, merit-based evaluations, occurring every 2-3 years.

As a University employee, you will be required to comply with all applicable University policies and/or collective bargaining agreements, as may be amended from time to time. Federal, state, or local government directives may impose additional requirements.

The University of California, Riverside is a world-class research university with an exceptionally diverse undergraduate student body. UCR is a member institution of the American Association of Universities (AAU) as well as the Alliance of Hispanic Serving Research Universities (HRSU). Its mission is explicitly linked to providing routes to educational success for underrepresented and first-generation college students. A commitment to this mission is a preferred qualification.

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University of California COVID-19 Vaccination Program Policy: As a University employee, you will be required to comply with all applicable University policies and/or collective bargaining agreements, as may be amended from time to time. Federal, state, or local government directives may impose additional requirements.