

Assistant Professor in Metabolomics of Adaptive
Responses
University of California Riverside

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Posted Sep. 4, 2024, set to expire Dec. 21, 2024

Job Title	Assistant Professor in Metabolomics of Adaptive Responses
Department	College of Natural & Agricultural Sciences
Institution	University of California Riverside Riverside, California
Date Posted	Sep. 4, 2024
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Assistant Professor
Academic Field(s)	Botany/Plant Sciences Biology - Biochemistry Biology - General
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Job Description

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The University of California, Riverside (UCR) is currently accepting applications for tenure-track faculty positions at the Assistant level in metabolomics, focusing on cellular and physiological adaptive responses, as well as plant metabolism and nutrition. This position is part of a major initiative in the field of metabolomics, with UCR planning to expand its faculty in this research area over the next few years.

In addition to contributing to UCR's existing strengths in various areas such as the evolution of secondary metabolic pathways, medicinal plants, plant secondary metabolites, and human health, successful candidates will engage in emerging research areas like microbiomes, eco-metabolomics, and quantitative metabolomic imaging, alongside downstream analyses.

Candidates for this position will hold appointments in the Department of Botany and Plant Sciences. A Ph.D. degree and postdoctoral experience are required, along with a track record of notable scientific contributions demonstrated through high-quality peer-reviewed publications. The applicants are expected to establish independent research programs and demonstrate the potential to secure extramural funding. Moreover, candidates should exhibit cutting-edge expertise in developing or applying metabolomics tools such as LC-MS/MS, MS imaging, and NMR based metabolomics to address key biological questions.

Furthermore, the successful candidate is expected to teach courses related to biochemistry, metabolomics, and later contribute to the development of a course for a master's program in metabolomics.

The University of California, Riverside is ranked among the nation's Top 15 Public Research Universities according to Washington Monthly. The successful candidate will have access to the state-of-the-art facilities in cores operated by the Institute of Integrative Genome Biology (IIGB), which includes Metabolomics Core, as well as cores dedicated to bioinformatics, microscopy, proteomics, and sequencing. Faculty are encouraged to collaborate broadly with colleagues at UCR and elsewhere, and entrepreneurship is encouraged.

UC salary consists of a base pay of \$86,500 to \$112,800 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.

Basic qualifications for this position that must be met by the **date of application** include: A successful candidate must possess a Ph.D. degree and postdoctoral experience preferred. Candidates must

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demonstrate notable scientific contributions, evidenced by high-quality, peer-reviewed publications. A successful candidate is expected to establish an independent research program and must therefore demonstrate the potential to secure extramural funding. The candidate's research interest must incorporate metabolomics analyses or provide a platform for the application or development of metabolomics techniques, including imaging, to biological signaling.

Additional qualifications for this position that must be met by the **date of hire** include Postdoctoral Training.

For advancement information for Lecturers, please refer to the Contract for the Lecturers Unit (IX) between the University of California and the American Federation of Teachers:

<https://ucnet.universityofcalifornia.edu/labor/bargaining-units/ix/contract.html>.

To apply: submit the following to <https://aprecruit.ucr.edu/apply/JPF01975>

- Cover Letter - Short cover letter describing background and interests.
- Curriculum Vitae
- Statement of Teaching and Mentoring - This statement should be a concise description of the applicant's teaching and mentoring philosophy and include past experience and future teaching and mentoring plans. (2-page maximum)
- Statement of Research/Scholarly Activities (2-page maximum)
- Statement of Past and/or Planned Future Contributions to Advancing Diversity and Inclusive Excellence (2-page maximum) - The University of California is committed to excellence and equity in every facet of its mission. Applicants should summarize their past and planned contributions in relevant areas of faculty achievement that promote equal opportunity and diversity. These contributions to diversity and equal opportunity can take a variety of forms including specific actions and efforts to advance equitable access to education, public service that addresses the needs of diverse populations, research in a scholar's area of expertise that highlights inequalities, or mentoring and advising of students and faculty members, particularly from underrepresented and underserved populations.
- Letters of Reference - At time of submission, applicants should provide contact information and request letters of recommendation from 3 referees to be submitted through UC Recruit, Letters will need to be submitted to AP recruit from the letter writers by October 10, 2024.

Review of applications will commence on October 10, 2024, and proceed until the position is filled. For full consideration, applicants should submit their complete applications prior to the above date.



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For more information about this position, please contact Katayoon Dahesh, Chair of the Search Committee, Department of Botany and Plant Sciences, at katayoon.dehesh@ucr.edu. For questions on application procedures and requirements, please contact Ashleigh Bennett, Academic Personnel, at ashleigh.bennett@ucr.edu.

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.

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, disability, age or protected veteran status.

For the University of California's Affirmative Action Policy please visit:

<https://policy.ucop.edu/doc/4010393/PPSM-20>.

For the University of California's Anti-Discrimination Policy, please visit:

<https://policy.ucop.edu/doc/1001004/Anti-Discrimination>."

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.

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Contact Information

Please reference Academickeys in your cover letter when
applying for or inquiring about this job announcement.

Contact

College of Natural & Agricultural Sciences
University of California Riverside

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