



COLLEGE OF AGRICULTURAL AND ENVIRONMENTAL SCIENCES  
DEPARTMENT OF FOOD SCIENCE AND TECHNOLOGY  
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DAVIS, CALIFORNIA 95616-5270

**Postdoctoral Scholar**  
**Department of Food Science & Technology**  
**College of Agricultural and Environmental Sciences**  
**University of California Davis**

**Job description & qualification:**

A postdoctoral research scholar position is available in Dr. Luxin Wang's microbial food safety lab in the Department of Food Science and Technology at the University of California Davis. The primary responsibility of this position will be to conduct studies that will increase our knowledge on the effects of antibiotic treatments on the microbiota present in aquaculture systems and the stress responses of common foodborne pathogens using next generation sequencing technologies. The responsibility of the candidate will be to perform and participate in all aspects of research projects: ordering equipment and supplies, designing sampling protocols, conducting field sampling and data collection, performing DNA extraction and library preparation, delivering data analysis using novel bioinformatics tools, writing reports, and preparing manuscripts for refereed journal publication. Projects will incorporate a range of experimental (cellular and molecular), informatics, and theoretical/computational approaches. Supervision and interaction with graduate and undergraduate students working on the project is also expected.

Applicants should have a strong publication record and knowledge and skills related to one or more of the following: genomics, bioinformatics, molecular biology, food microbiology, and/or bacteriology. Candidates with a keen interest in computer algorithm development are particularly encouraged to apply. This position requires proficiency in programming skills, and experience applying computational methods to genomic data is highly desirable. Applicants with a Ph.D. degree in Biotechnology, Bioinformatics, Microbiology, or a related field will be considered. Candidates with a proven work ethic, publication record, leadership, and team building skills will be given preference.

**Application information & required materials:**

Candidates should provide a C.V., which includes a list of three professional references, to Luxin Wang at [lxwang@ucdavis.edu](mailto:lxwang@ucdavis.edu). The position will remain open until filled, but to ensure consideration applications should be received by August 1, 2020.

**Salary and benefit:**

The annual salary of a postdoctoral scholar at the Department of Food Science and Technology at UC Davis follows the NIH postdoc scholar salary scale guidelines. For detailed information, please visit: <https://grad.ucdavis.edu/resources/student-employment/salary-scales> and <https://www.ucop.edu/academic-personnel-programs/files/1920/2020-postdoc-scales/t23.pdf>.

**College of Agricultural and Environmental Sciences at UC Davis:**

The College of Agricultural and Environmental Sciences at UC Davis ranks #1 in the U.S. and #2 in the world for agricultural sciences and forestry (Based on QS World University Rankings). The college ranks #1 in the world in plant and animal sciences based on the U.S. News and World Report. The University of California Davis ranks 10<sup>th</sup> among all U.S. public national universities and 38<sup>th</sup> among all national universities.

**Questions:**

Please direct questions to Luxin Wang ([lxwang@ucdavis.edu](mailto:lxwang@ucdavis.edu)).