

# Assistant/Associate Professor in Microbiology (tenure track appointment)

Job #JPF05081

- VM: PATHOLOGY, MICRO, & IMMUN / SCHOOL OF VETERINARY MEDICINE / UC Davis

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## APPLICATION WINDOW

**Open date:** July 20, 2022

**Next review date:** Thursday, Sep 15, 2022 at 11:59pm (Pacific Time)

Apply by this date to ensure full consideration by the committee.

**Final date:** Saturday, Dec 31, 2022 at 11:59pm (Pacific Time)

Applications will continue to be accepted until this date, but those received after the review date will only be considered if the position has not yet been filled.

## POSITION DESCRIPTION

**POSITION AVAILABLE:** Assistant/Associate Professor in Microbiology (tenure track appointment)

**SALARY:** Dependent on qualifications and experience

**QUALIFICATIONS:** We are seeking an outstanding research-focused microbiologist with a demonstrated research interest in veterinary bacteriology/mycology. Our faculty provide a strong, collegial core to support investigation of infectious agents and disease in animals and humans. Our departmental research focuses on the mechanisms by which diseases develop at the organismal, cellular, and molecular levels. We have overlapping and collaborative research strengths in both the interactions of microbes with their hosts and the host response to infection. A PhD or equivalent is required. Topics of specific interest include but are not limited to: antimicrobial resistance, the microbiome, microbial ecology, bacterial pathogenesis, metagenomics and the development of cutting-edge techniques to detect or examine the pathogenesis of bacterial or fungal infections. The School of Veterinary Medicine (SVM) embraces the One Health concept and offers many opportunities for collaboration on projects that span animal, human, and ecosystem health. Candidates are expected to develop a funded research program. Experience in basic, translational and/or collaborative research in areas that integrate well with the research strengths in the Department of Pathology, Microbiology and Immunology and related groups at the Veterinary Medical Teaching Hospital (VMTH), the SVM, and broadly on the University of California, Davis (UC Davis) campus is required. Aptitude/experience in teaching, and a demonstrated commitment to innovative teaching methods and to the training of veterinary or other biomedical scientists is preferred.

The successful candidate must have excellent interpersonal and communication skills, a demonstrated ability to work with others in a collegial and collaborative team atmosphere, and strong commitment to contributing to diversity, equity and inclusion. UC Davis is committed to collegiality, kindness, and supporting a diverse community of scholars with an emphasis on recruiting scholars who will make a significant contribution to diversity through the advancement of underrepresented people in science.

### RESPONSIBILITIES:

In addition to an independently funded research program, the candidate is expected to balance scholarship with teaching, clinical, and service activities. The distribution of effort toward each activity is unique, and optimized for each of our faculty.

**Research:** Development of a creative and productive research program in relevant fields of interest is a fundamental requirement of the position, as is publication of results in high quality, peer-reviewed scientific journals. The successful applicant is expected to obtain extramural funding and to direct research programs with opportunities for involvement of graduate students, professional students, and/or post-doctoral scholars.

**Teaching:** Teaching responsibilities include participation in lectures, discussions, laboratories, and other learning activities in the DVM professional curriculum, graduate academic programs (PhD, MS, MPVM), and/or undergraduate courses.

If the successful candidate has research interests aligned with the Agricultural Experiment Station (AES; <https://www.vetmed.ucdavis.edu/research/agricultural-experiment-station>) and its mission-oriented research, a split appointment as a Microbiologist in the AES is possible.

**Clinical:** Collaboration with the VMTH is supported by a 10% diagnostic effort assignment in the Microbiology Laboratory at the VMTH.

**Service:** The University of California has a system of shared governance. Active participation in committees, professional organizations, continuing education and other appropriate outlets is required.

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Faculty members in the SVM at UC Davis have opportunities to synergize with research groups within the School of Medicine, the VMTH (including the Veterinary Center for Clinical Trials), the One Health Institute, the Veterinary Institute for Regenerative Cures, the California National Primate Research Center, the Comprehensive Cancer Center, the Center for Equine Health and the Center for Companion Animal Health, among others. The University faculty are internationally known for their distinguished academic achievements. UC Davis is ranked 10th nationally among public universities in research funding. The city of Davis has a population of 70,000 and is situated in a beautiful pastoral setting. The University's student population is approximately 40,000. The campus lies adjacent to the city of Davis, 14 miles west of Sacramento, 72 miles northeast of San Francisco and 110 miles southwest of Lake Tahoe and the Sierras. The San Francisco Bay Area is home to multiple world-class research and academic institutions providing additional collaborative opportunities.

**APPLICATION PROCESS:** To receive fullest consideration, applications must be received by 9/15/2022; position open until filled. Interested applicants should submit 1) a letter of intent outlining special interest in the position, overall related qualifications, experience, and career goals; 2) a curriculum vitae (10 pages maximum); 3) a statement summarizing the applicant's research program/or interest; 4) a statement of didactic teaching philosophy; 5) names of four references (including addresses, telephone numbers and e-mail addresses); 6) a reference check will be completed only if you are selected as the first choice candidate. Download, complete, sign, and upload the form <https://aadocs.ucdavis.edu/your-resources/forms-and-checklists/forms/ARF.pdf>; and 7) a statement summarizing their experience and professional contributions in the area of equity and diversity. Application materials should be submitted by using the University's online submission program at, <http://recruit.ucdavis.edu>

Questions should be referred to: Dr. Patricia Pesavento, Professor and Department Chair, [papesavento@ucdavis.edu](mailto:papesavento@ucdavis.edu)

cc: Dyana Greene; [dgreene@ucdavis.edu](mailto:dgreene@ucdavis.edu)

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The University of California, Davis and the Department of Pathology, Microbiology and Immunology, School of Veterinary Medicine, are interested in candidates who are committed to the highest standards of scholarship and professional activities, and to the development of a campus climate that supports equality and diversity. The University of California is an affirmative action/equal opportunity employer. UC Davis supports family-friendly recruitments: <http://academicaffairs.ucdavis.edu/programs/work-life/index.html>

The University of California is committed to creating and maintaining a community dedicated to the advancement, application, and transmission of knowledge and creative endeavors through academic excellence, where all individuals who participate in University programs and activities can work and learn together in a safe and secure environment, free of violence, harassment, discrimination, exploitation, or intimidation. With this commitment, UC Davis conducts a reference check on all first choice candidates for Academic Senate Assistant Professor, step 4, 5, or 6 or Academic Senate positions eligible for tenure or security of employment. The reference check involves contacting the administration of the applicant's previous institution(s) to ask whether there have been substantiated findings of misconduct that would violate the University's Faculty Code of Conduct. To implement this process, UC Davis requires all applicants for any open search for an assistant/associate/full professor to complete, sign, and upload the form entitled "Authorization to Release Information" into RECRUIT as part of their application. If an applicant does not include the signed authorization with the application materials, the application will be considered incomplete, and as with any incomplete application, will not receive further consideration. Although all applicants for faculty recruitments must complete the entire application, only finalists considered for positions at the Academic Senate Assistant Professor, step 4, 5, or 6 level or with tenure or security of employment will be subject to reference checks.

## QUALIFICATIONS

### Basic qualifications (required at time of application)

- PhD or equivalent
- expected to develop a funded research program
- experience in basic, translational and/or collaborative research in areas that integrate well with the research strengths in the Department of Pathology, Microbiology and Immunology and related groups at the Veterinary Medical Teaching Hospital (VMTH), the SVM, and broadly on the University of California, Davis (UC Davis) campus
- excellent interpersonal and communication skills, a demonstrated ability to work with others in a collegial and collaborative team atmosphere, and strong commitment to contributing to diversity, equity and inclusion

### Preferred qualifications

- aptitude/experience in teaching, and a demonstrated commitment to innovative teaching methods and to the training of veterinary or other biomedical scientists

## APPLICATION REQUIREMENTS

### Document requirements

- Curriculum Vitae - Your most recently updated C.V. (10 pages maximum)
- Letter of Intent - outlining special interest in the position, overall related qualifications, experience, and career goals
- Statement of Research

## Assistant/Associate Professor in Microbiology (tenure track appointment) (JPF05081)

- Statement of Didactic Teaching Philosophy
- Statement of Contributions to Diversity, Equity, and Inclusion - Contributions to diversity, equity, and inclusion documented in the application file will be used to evaluate applicants. Visit <https://academicaffairs.ucdavis.edu/faculty-equity-and-inclusion> for guidelines about writing a statement and why one is requested.
- Authorization to Release Information Form - A reference check will be completed only if you are

selected as the first choice candidate. Download, complete, sign, and upload the form

<https://aadocs.ucdavis.edu/your-resources/forms-and-checklists/forms/ARF.pdf>

### Reference requirements

- 4 required (contact information only)

Apply link: <https://recruit.ucdavis.edu/JPF05081>

Help contact: [hlphillips@ucdavis.edu](mailto:hlphillips@ucdavis.edu)

## CAMPUS INFORMATION

UC Davis is a smoke and tobacco-free campus (<http://breathefree.ucdavis.edu/>).

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. For the complete University of California nondiscrimination and affirmative action policy see:

<http://policy.ucop.edu/doc/4000376/NondiscrimAffirmAct>

Under Federal law, the University of California may employ only individuals who are legally able to work in the United States as established by providing documents as specified in the Immigration Reform and Control Act of 1986. Certain UC Davis positions funded by federal contracts or sub-contracts require the selected candidate to pass an E-Verify check. More information is available at: <http://www.uscis.gov/e-verify>

The University of California, Davis (UC Davis) is committed to inclusive excellence by advancing equity, diversity and inclusion in all that we do. UC Davis celebrates the multi-cultural diversity of its community by creating a welcoming and inclusive environment demonstrated through a variety of resources and programs available to academics, staff, and students. Diversity, equity, inclusion, and belonging are core values of UC Davis that are embedded within our [Principles of Community](#) and are tied with how to best serve our student population. Our excellence in research, teaching, and service can best be fully realized by members of our academic community who share our commitment to these values, which are included in our [Diversity and Inclusion Strategic Vision](#), our strategic plan: "To Boldly Go," our Principles of Community, the [Office of Academic Affairs' Mission Statement](#), and the [UC Board of Regents Policy 4400: Policy on University of California Diversity Statement](#). UC Davis is making important progress towards our goal of achieving federal designation as a [Hispanic-Serving Institution and an Asian American, Native American, and Pacific Islander-Serving Institution](#). The [Office of Diversity, Equity, and Inclusion](#) offers a plethora of resources on their website, and the [Office of Health Equity, Diversity, and Inclusion \(HEDI\)](#) has outlined similar goals in their Anti-Racism and DEI Action Plan." There are a plethora of links available on the [About Us](#) webpage where you can learn more about our Administration, Diversity and Inclusion, Rankings, Locations, Native American Land Acknowledgement, Sustainability, Visiting UC Davis, UC Davis Health, and Campus Safety.

The university is consistently ranked among the top institutions in the world for campus sustainability practices by the [UI Green Metric World University Rankings](#). UC Davis is focused on achieving net-zero greenhouse gas emissions and repeatedly shown its [commitment to preserving a healthy and sustainable environment for generations to come](#).

As a condition of employment, you will be required to comply with the University of California [SARS-CoV-2 \(COVID-19\) Vaccination Program Policy](#). All Covered Individuals under the policy must provide proof of Full Vaccination or, if applicable, submit a request for Exception (based on Medical Exemption, Disability, and/or Religious Objection) or Deferral (based on pregnancy) no later than the applicable deadline. New University of California employees should refer to Appendix F, Section II.C. of the policy for applicable deadlines. (Capitalized terms in this paragraph are defined in the policy.) Federal, state, or local public health directives may impose additional requirements.

## JOB LOCATION

Davis, CA