POSITION DESCRIPTION:
The Jr. Specialist will participate in publishable research on the regulation of de novo NAD$^+$ homeostasis in budding yeast *Saccharomyces cerevisiae*. This individual is expected to employ molecular genetic, genomic and biochemical tools to identify and study novel NAD$^+$ homeostasis factors. The position will involve PCR, DNA electrophoresis, gene cloning, yeast mutants construction, genotyping, bacterial cell culture, yeast cell culture, cell-based assays, and measurement of NAD$^-$ and NAD$^+$ intermediates. Additional duties include general laboratory maintenance such as cleaning of glassware, putting away glassware and supplies, autoclaving materials, ordering supplies, preparation of solutions and media, maintenance of cell cultures, freezing yeast strains, and maintaining frozen stocks of plasmids and various yeast strains.

The Jr. Specialist will perform experiments under the supervision of a senior postdoc and the PI, is expected to familiarize himself/herself with the current state of knowledge in the field by reading background literature, including that suggested by supervisors and relevant independent study. The Jr. Specialist is expected to understand the rationale and hypotheses being tested, and to discuss experimental design prior to performing experiments with the supervisors. Once trained, this individual is expected to work independently for basic techniques and protocols.

Overall, the Jr. Specialist should work semi-independently, planning his/her own work schedule and experiments, with oversight by the postdoc and PI. He/she will be expected to participate in the design of the experimental plan and individual experiments. He/she will keep a detailed laboratory notebook including experimental procedures and results. He/she will participate in internal campus seminar series and laboratory research meetings, presenting in both. The Jr. Specialist may be able to participate in and present research results, either short oral presentation or a poster presentation, in local external scientific meetings on campus or in California. He/she will organize and summarize final data in graphical and/or tabular form for presentation, publications and grant proposals. He/she will also participate in the writing of research results for publication by writing sections of the manuscript and/or help editing the manuscript.

Service
The Jr. Specialist will be expected to mentor undergraduate researchers. These students would typically help with basic lab tasks and complete small research projects closely related to his/her own research; would be expected to assist with their training and discuss experiments with them. He/she will also help train junior graduate students and visiting students/scholars.

BASIC QUALIFICATIONS:
• Bachelor degree in Genetics, Microbiology, Biochemistry, Molecular Biology, or a related field with a minimum of one year experience in laboratory research.
• Requires demonstrated experience and expertise in PCR, yeast and bacterial transformation, molecular cloning, plasmid preps, agarose gel electrophoresis/analysis, SDS gels/immunoblotting, metabolite extraction and cell based screens.

PREFERRED QUALIFICATIONS:
• Preference will be given to applicants with additional demonstrated experience and expertise in yeast molecular genetics, biochemistry, particularly in topics related to cellular metabolism.

• Preference will also be given to applicants with flexible work schedule.

SALARY RANGE: Step I - $38,127 [100% annual] or Step II - $40,674 [100% annual]), commensurate with qualifications and experience.

POSITION AVAILABLE/CLOSING DATE: all application materials must be received by October 4, 2017.

TERM OF APPOINTMENT: Short term, up to two years. Appointments may be made up to 30%.
TO APPLY: To apply, please go to the following link: https://recruit.ucdavis.edu/apply/JPF01863. Applicants should submit a cover letter detailing their specific qualifications for this position, and a curriculum vitae that includes the names and contact information for at least two references. Generic cover letters that do not address the specific qualifications for this position are not acceptable. Documents/materials must be submitted as PDF files.

QUESTIONS: Please direct questions to slin@ucdavis.edu

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 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 UCSC positions funded by federal contracts or sub-contracts require the selected candidate to pass an E-Verify check. More information is available http://www.uscis.gov/e-verify.

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

If you need accommodation due to a disability, please contact the recruiting department.