

The Department of Food Science and Technology is recruiting for an Assistant Project Scientist in the area of yeast characterization. A PhD in microbiology, applied bioscience or a related field is required.

The appointee will provide creative contributions and collaborative development of an active research program investigating topics relevant to physiological and biochemical characteristics of yeasts when cultivated on various plant materials, waste streams and hydrolysates. The appointee will develop new and improved technologies for yeast-based conversion of plant materials, waste streams and hydrolysates to value-added products.

The successful candidate will investigate growth characteristics of a broad range of yeast species when cultured in shake flasks and bioreactors, and analyze production of dry cell mass, lipid, glycolipids, protein, and other cellular products. The appointee will validate species identity of yeast strains utilized in research by ribosomal sequencing, and submit DNA sequences to GenBank.

The appointee will write research reports as required by funding agencies and sponsors of research projects, and will publish research results in peer reviewed journals or books in collaboration with the PI or members of the research team. The appointee will assist in writing proposals to acquire funding from federal and state agencies and private industry.

UC Davis was ranked #1 in 2016 on Forbes Magazine list of the 13 most important STEM (Science, Technology, Engineering, and Mathematics) universities for women, and is expecting to earn the U.S. Department of Education's "Hispanic Serving Institution" designation by 2018-2019. Davis celebrates the multi-cultural diversity of its student body by creating a welcoming and inclusive environment for students through such organizations and programs as the Center for African Diaspora Student Success; the Lesbian, Gay, Bisexual, Transgender, Queer, Intersex, Asexual Resource Center; Casa Cuauhtémoc Chicano-Latino Theme House; Asian Pacific American Theme House; ME/SA (Middle Eastern/South Asian) living-learning community; Multi-Ethnic Program (MEP); Chicano/Latino Retention Initiative; and Native American Theme Program.

UC Davis is a smoke and tobacco free campus effective January 1, 2014. Smoking, the use of smokeless tobacco products, and the use of unregulated nicotine products (e-cigarettes) will be strictly prohibited on any property owned or leased by UC Davis indoors and outdoors, including parking lots and residential space.

To be considered for this position please submit the required application materials at <https://recruit.ucdavis.edu/> no later than March 19, 2018.