FACULTY POSITION ANNOUNCEMENT
Assistant Professor of Enology
Department of Viticulture and Enology, with a Joint Appointment in the College of
Engineering
University of California, Davis

Title: Assistant Professor of Enology and Assistant Sustainable Process Engineer in Viticulture
and Enology with teaching, research and outreach responsibilities consistent with the mission of
the California Agricultural Experiment Station. The appointment is in the Department of
Viticulture and Enology in the College of Agricultural and Environmental Sciences. A joint
appointment in the College of Engineering is expected in the department most closely aligned
with the successful candidate’s interests and academic background. The position is for an
academic year (9-month) tenure-track appointment at the rank of Assistant Professor

The research, teaching and outreach mission of the Department of Viticulture and Enology
(http://wineserver.ucdavis.edu) focuses on the creation, development and distribution of basic
and applied knowledge related to the production of grapes and wine, with a scope extending
from the fundamental molecular level to process scale in both the vineyard and the winery.
Faculty and specialist programs within the department concentrate on table, raisin, and wine
grapes, as well as the science and practice of winemaking. Fields of study within the
department include microbiology, analytical and natural products chemistry, chemical
engineering, sensory science, plant physiology, plant systems biology, plant-water relations,
and climate.

The appointee will have access to wide-ranging vineyard and winery infrastructure resources
and many collaborative opportunities within the department, other departments within the
College of Agricultural and Environmental Sciences, and with colleagues in campus units such
as the College of Engineering and the College of Biological Sciences, among others. In 2011,
the department opened the most advanced and sustainable winery in the world, co-located with
their state-of-the-art research and teaching laboratories in the Robert Mondavi Institute of Wine
and Food Science, completed in 2008. In mid-2013, the department will open the next building
in the complex, the Jess S. Jackson Sustainable Winery Building, focused on piloting
sustainable processing ideas for the wine and other food and beverage industries.

Responsibilities: The appointee is expected to establish a competitively-funded research
program relevant to sustainable process engineering in food and beverage production, relevant
to the wine industry. Any area of sustainable processing is acceptable, including but not limited
to water, energy, emissions minimization, alternative energy generation, or by-product isolation
or re-use. The appointee will be responsible for teaching undergraduate and graduate courses
related to engineering concepts in winemaking, and other courses as assigned. Mentoring of
graduate students, undergraduate student advising, participation in and development of
outreach programs, curricular development, and performance of departmental and university
service is expected. The appointee is expected to conduct fundamental research, train students
and provide outreach that will ultimately support the economic viability of California’s grape and
wine industries. The appointee is expected to conduct mission-oriented research and outreach
of relevance to the California Agricultural Experiment Station.

Qualifications: Ph.D. or equivalent degree in chemical or biological engineering or a closely-
related field. Prior experience in viticulture and/or enology is not a requirement. Evidence of
research excellence is expected. The candidate should have the ability to develop and instruct
undergraduate and graduate courses and the ability to develop and conduct extramurally funded research in engineering as applied to food and beverage production.

**Salary:** Commensurate with experience within the Assistant Professor ranks at the University of California.

**Applications:** Application materials must be submitted via the following website: https://secure.caes.ucdavis.edu/Recruitment/. The position will remain open until filled. To ensure consideration, applications should be received by August 15, 2012.

Materials requested to include: 1) curriculum vitae, 2) publications list, 3) up to three publications, 4) transcripts if the applicant is within five years of degree, 5) statement of research accomplishments, 6) statement of teaching accomplishments and philosophy, 7) statement of future research plans relevant to sustainable processing in the food and beverage industries, and 8) the names, addresses, including e-mail, of three professional references. Additional inquiries should be directed to Professor D. Mills, Search Committee Chair, Department of Viticulture and Enology, One Shields Avenue, University of California, Davis, CA 95616, (530) 754-7821, damills@ucdavis.edu.

*UC Davis is an affirmative action/equal employment opportunity employer and is dedicated to recruiting a diverse faculty community. We welcome all qualified applicants to apply, including women, minorities, veterans, and individuals with disabilities.*