Jacobs Institute for Design Innovation  
College of Engineering, UC Berkeley

The Jacobs Institute for Design Innovation at the University of California, Berkeley is generating an applicant pool of qualified temporary instructors to teach fall and spring semester courses, as well as summer courses, should an opening arise.

Made possible by a $20-million commitment from the Paul and Stacy Jacobs Foundation, Berkeley Engineering launched the Jacobs Institute for Design Innovation at the Clinton Global Initiative in June 2013. The Jacobs Institute for Design Innovation expands the role of design in undergraduate engineering education at the University of California, Berkeley. As the Institute works to further its mission of educating leading innovators at the intersection of design and technology, it provides students with hands-on experiences and opportunities to work in interdisciplinary teams to address real societal issues. Students are challenged to approach the entire cycle of design, from identifying user needs to rapid prototyping to commercialization and manufacturing, from an integrated vantage point.

The percentage of lecturer appointments will vary, depending on the number of sections taught, and duration of the course. The positions may range from 17%-100% in a given semester. The instructor will supervise student design projects, give lectures, prepare assignments and project topics & deliverables, hold regular office hours, prepare exams or hold reviews, give design advice, and submit final grades. Salary is commensurate with experience, with a minimum annual salary rate of $61,210. Instructors teaching one course with three hours of lecture per week will normally be appointed at 33% time during the semester, typically yielding compensation in the $10,000 to $13,000 range; exact percentages depend on contact hours and other assigned duties. Lecturers hired to teach during the Fall semester are employed from August through December. Lecturers hired to teach during the Spring semester are employed from January through May.

Basic qualifications: A Bachelor’s Degree or Equivalent

Additional Qualifications: Applicants must minimally have expertise in two or more of the topic areas (listed below) by the start of service.

Preferred Qualifications: A higher level degree and/or prior expertise in teaching in the following topic areas in either design or engineering schools at the undergraduate or master’s level. Also desirable are a strong track record in developing and implementing new and experimental methods of delivering education and hands-on learning, and experience working with students from a range of disciplines

Topic areas include:
- Design process
- Needs-finding, user research
- Visual communication: sketching, story-boarding, portfolio development, story-telling
- Prototyping and fabrication, including both traditional and digital methodologies
- Product design/industrial design
• Design technologies: embedded software development, circuit design, mechatronics, wired and wireless communication, web application development
• UI/UX design and user testing methods
• Data analysis and visualization
• Commercialization, manufacturing, IP

For more information about the Jacobs Institute curriculum, visit jacobsinstitute.berkeley.edu.

To apply, please go to the following link: https://aprecruit.berkeley.edu/apply/JPF00703 and submit a cover letter, resume, summary of teaching experience, and contact information for two professional references. Applicants are encouraged to provide contributions they have made to diversity. We will only contact your references if you are a finalist for the position, and we will seek your permission before doing so. All letters will be treated as confidential per University of California policy and California state law. Please refer potential references, including when letters are provided via third party (i.e., dossier service or career center), to the UC Berkeley statement of confidentiality (http://apo.berkeley.edu/evalltr.html) prior to submitting their letters.

The initial review of applicants for Fall 2015 will begin May 12, 2015. Completed applications received by this date will receive full consideration; however, this pool will remain open until June 30, 2017 to accommodate upcoming course needs and new applicants. Appointments for Fall semester are usually reviewed in April, Spring semester appointments are reviewed in October, and Summer appointments are reviewed in March.

The department is interested in candidates who will contribute to diversity and equal opportunity in higher education through their teaching. The University is committed to supporting employees as they balance work and family. 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.

For questions regarding the positions, please contact: Melissa C. Varian <m_varian@me.berkeley.edu>