The Department of Biomolecular Engineering invites applications for the position of Research Specialist, with expertise in mammalian cell line development. This position supports a research program focused on HIV vaccine research. The selected candidate will join a highly interactive, multidisciplinary team that includes molecular biologists, virologists, and immunologists. The successful candidate’s primary responsibilities will involve the construction of stable CHO cell lines for the expression of recombinant proteins as well as large scale transient transfections. Job duties will also include analysis of the magnitude and quality of protein production using analytical methods such as ELISA, Immunoblot, and SDS-PAGE gels. The candidate will be expected to take an active role in contributing to technical reports and publications. The candidate will be expected to work safely with human blood products and common laboratory chemicals. Applicants should also be able to work accurately with close attention to detail; have good organization, time management, and problem-solving skills. Strong communication and interpersonal skills required to troubleshoot complex problems.

**RANK:** Junior Specialist to Full Specialist, determined by qualifications and experience (See rank qualifications)

**SALARY:** Commensurate with qualifications and experience.

**BASIC QUALIFICATIONS:** Bachelor’s degree in biological sciences, or a related field. At least 1 year demonstrated laboratory experience in the construction, or maintenance, or clonal selection of stable mammalian cell lines (i.e. CHO, 293HEK, or hybridoma cell lines). Demonstrated skills in maintaining sterility of cultures at different scales, cell counting and cryopreservation. Experience in immunoassay methods (i.e. ELISA and Western blot) required to analyze recombinant proteins secreted from novel cell lines.

**PREFERRED QUALIFICATIONS:** Master’s degree or other advanced degree in biological sciences or a related field. Previous biopharmaceutical industry experience in mammalian cell line development, virology, or cellular immunology. Previous experience in cell culture media development and optimization. Knowledge and experience implementing cGMP and cGLP practices. Previous experience with protein purification, flow cytometry, or the use of surface plasmon resonance to measure antibody binding. Experience using si-RNA or Crisper/CAS9 gene silencing strategies is also preferred. Experience in recording data in laboratory notebooks to preserve intellectual property. Experience in assembling and analyzing laboratory data for technical reports and scientific publications. Experience with statistical analysis software (e.g., PRISM, Graphpad). A detailed knowledge of protein secretion and glycosylation pathways is also desired. Excellent written and oral communication skills. A demonstrated publication record with 3 authorship/co-authorship listings in peer reviewed scientific publications in the English language.

**POSITION AVAILABLE:** As soon as possible after closing date.

**TERM OF APPOINTMENT:** The initial appointment is for six months, with the possibility of extension. Should the hiring unit propose reappointment; a review to assess performance will be conducted. Reappointment is also contingent upon availability of funding.

**TO APPLY:** Applications are accepted via the UCSC Academic Recruit online system, and must include a curriculum vitae (include a list of any scientific publications) and a letter of application addressing how you meet the qualifications. Documents/materials must be submitted as PDF files. Letters of recommendation will be required for those selected for interview. In-person interviews will be held at UCSC. Travel expenses to UCSC are the responsibility of the applicant.

Apply at [https://recruit.ucsc.edu/apply/JPF00423](https://recruit.ucsc.edu/apply/JPF00423)

Refer to Position #JPF0000423-17T in all correspondence.

*All letters will be treated as confidential per University of California policy and California state law. For any reference letter provided via a third party (i.e., dossier service, career center), direct the author to UCSC’s confidentiality statement at [http://apo.ucsc.edu/confstm.htm](http://apo.ucsc.edu/confstm.htm).

**CLOSING DATE:** Review of applications will begin on February 2, 2017. To ensure full consideration, applications should be complete [and letters of recommendation received] by this date. The position will remain open until filled, but not later than 6/29/2018.