

The Department of Surgical & Radiology Sciences at the University of California, Davis seeks to fill a full-time Assistant Specialist position. The successful candidate will focus on investigating the mechanism of tumor suppressor p53 and its related family proteins, p63 and p73 in tumor suppression by using human cell lines and mouse models.

Nature and Purpose

The position of Specialist has a narrow focus in a specialized area and provides technical or specialized expertise (e.g., with instrumentation and research equipment or with social science research methods) in the planning and execution of a research project. The Specialist stays apprised of emerging issues and problems and maintains technical competence in the designated area(s) of specialization. Within this defined area and when appropriate, the Specialist is expected to provide leadership, facilitate teamwork and develop collaborative relationships with colleagues and to supply input into the planning of research and educational programs. Normally, Specialists do not have Principal Investigator (PI) status but may obtain permission by exception and/or collaborate with a PI in preparing research proposals for extramural funding. The Specialist is evaluated for merit and promotion using three basic criteria outlined below.

Responsibilities and Designated Areas of Expertise

I. RESEARCH IN SPECIALIZED AREAS (90% EFFORT)

A. The candidate will collaborate with other research personnel affiliated with research activities involving comparative and translational oncology with special focus on the p53 family proteins. The candidate will participate in laboratory studies involving molecular biology, tissue culture, and dissection of animal specimens. Data collection will involve biochemical and histologic assays to characterize human cancer cell line and mouse tissues. Evaluation of performance in research activities as deemed applicable to the individual project in specialized areas, as documented by any of the following:

- 1) Publications that acknowledge the Specialist's significant and meaningful contribution to the work.
- 2) Publications on which the Specialist is an author.
- 3) Other evidence (e.g., letters from collaborators or principal investigators) that work done by the Specialist contributed to publishable research.
- 4) Other evidence of recognized expertise may include formal documentation of intellectual effort and participation in publishable research activities, first authorship on publications/patents, presentation of research at regional/national meetings, invitations to review grant proposals and/or journal articles, invitations to participate in research projects, and/or service on advisory panels.

B. The candidate will serve as a research coordinator for multiple research projects conducted by PIs in the department, as resources permit. The candidate will be responsible for ensuring uninterrupted communication between individual laboratories, data management and preparation of reports tailored to meet the needs of the requesting individual(s).

II. PROFESSIONAL COMPETENCE AND ACTIVITY (5% EFFORT)

A. The candidate will participate in seminar series, professional societies and conferences appropriate to the candidate's specific field. When appropriate, the candidate may coordinate and/or give presentations at seminars, laboratory meetings or educational functions.

B. The candidate will review research proposals, journal manuscripts, and publications related to area of expertise.

III. UNIVERSITY AND PUBLIC SERVICE (5% EFFORT)

The candidate may participate in activities of committees within the department, college, campus and other University entities, as appropriate.