JOB OPPORTUNITY
POSTDOCTORAL POSITION / FALL 2018

ORGANIC SYNTHESIS OF HYBRID NANOMATERIALS FOR EXOSOME-BASED CANCER DIAGNOSTICS

The Carney Lab in the University of California, Davis, Department of Biomedical Engineering seeks a highly motivated postdoctoral research scholar to develop and synthesize hybrid inorganic/organic nanoparticles for application in surface enhanced Raman spectroscopy (SERS) analysis of exosomes isolated from human cancer specimens. The candidate will work in a new and highly collaborative laboratory on the UC Davis campus with access to state-of-the-art facilities and photonics equipment. Start date is as early as October/November 2018. The initial appointment is for one year with the possibility of renewal, based on the availability of funding and contingent upon satisfactory performance. Position level and salary are commensurate with experience and qualifications. Review of applications will begin immediately and continue until the position is filled.

CONTACT
Professor Randy Carney
rcarney@ucdavis.edu

QUALIFICATIONS
A Ph.D. in chemistry, materials science, or a related field is required. Comprehensive experience in organic chemistry synthesis is required, including column chromatography, HPLC, NMR, and mass spectrometry. Expertise in silica chemistry and bioconjugation techniques is highly desired. Raman spectroscopy experience is not required.

TO APPLY
Candidates should submit these items as a single PDF directly to Prof. Carney via email: NIH format Biosketch; concise statement of past and future research interests (1 page); at least two letters of support (or names and contact information for requesting the letters; one reference should be from the Ph.D. advisor).

START DATE
As early as October/November 2018.

The University of California, Davis, is an equal opportunity employer committed to excellence through diversity.