

Research Projects for Medical Students

Date posted: April 30, 2021

Position title: Research Associate

Contact and position oversight: Clifford Pereira (cpereira@ucdavis.edu) and Andrew Li (adrli@ucdavis.edu), Hand Surgery, Division of Plastic Surgery

Job overview: We are offering an unfunded one year research position in our basic science laboratory. Our research focuses currently on peripheral nerve regeneration and peripheral nerve growth modeling.

Responsibilities and duties: The position will involve maintenance of cell cultures, protein coating protocols, cell seeding protocols, handling of microfluidic devices, collagen matrix embedding, Small animal peripheral nerve surgeries using a microscope, as well as paraffin and cryo-sectioning of specimens. The research associate will receive training on these lab skills. Furthermore the position will also involve writing of grants and papers and attendance of weekly research and mentoring meetings.

Qualifications: Most importantly we are looking for a self-motivated and creative individual who is eager to learn. Basic laboratory skills would be highly useful, and these will include experience with cell culture and familiarity with biosafety cabinet use and protocols.

Date posted May 25, 2021

Description: The Department of Thoracic Surgery is in need of your help! We are conducting a quality improvement project on reducing operating room throughput. Specifically, reducing the “preincision” period from the time a patient enters the OR to the time of incision. The time commitment is minimal, around 3 hours a week max at the hospital for the next 3 months. We are looking for 2-3 volunteers. This is a great chance to earn co-authorship on a manuscript and present this work at the UC Davis medical school research symposium.

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