



Staff Position in Quantitative Image Analysis

The Center for Molecular and Genomic Imaging (CMGI) at UC Davis invites applications for a staff position focusing on the development and optimization of computational pipelines for biomedical image processing and analysis. The successful candidate will develop and publish novel solutions to address unmet needs in the area of quantitative image processing using preclinical and clinical data, will provide advice and direction on image analysis to laboratories at UC Davis and the UC Davis Medical Center, and convert existing analysis tools into turnkey software. This position will also have the opportunity to identify additional responsibilities that match his/her interests, such as developing image analysis protocols for comparing and evaluating algorithmic performance or pursuing independent research in image analysis.

The successful individual will have an advanced degree in biomedical engineering, computer science, electrical engineering or related discipline and possess direct knowledge of biomedical image analysis methods and algorithms, as demonstrated by experience and accomplishments. Specifically, proficiency in computer programming, strong background in applied mathematics, experience with image analysis tools such as 3D Slicer, BrainSuite, ITK/VTK, Amira and PMOD, and knowledge of writing plug-ins or apps for image processing is necessary. Excellent communication and written skills are a must. Experience in imaging database maintenance, and fostering cross-disciplinary collaborative efforts is highly desirable.

Interested candidates should contact Dr. Abhijit J. Chaudhari by email at ajchaudhari@ucdavis.edu with “Staff position at CMGI” in the subject line. Applicants must attach a detailed CV, and contact information for at least two referees. More information about CMGI is here: <http://bme.ucdavis.edu/cmgi/>