



Postdoctoral Position in Nuclear Medical Imaging Technology and Simulation

Position: A postdoctoral position is available in the Cherry laboratory in the Department of Biomedical Engineering at UC Davis (<http://bme.ucdavis.edu/cherrylab/>). We are looking for highly motivated individuals with an interest in nuclear medicine imaging detector development and simulation. Applicants should have a doctoral degree in biomedical engineering, medical imaging, or image / signal processing. Expertise in nuclear imaging, Monte Carlo simulation, and high proficiency in computer programming is preferred. The successful applicant will develop new algorithms for optical Monte Carlo simulation and will collaborate with scientists in our group to apply these developments to novel fast detectors for positron emission tomography. This project is funded by the National Institutes of Health (NIH) and aims at pursuing the development of optical Monte Carlo tools for ultimate incorporation into the GATE software platform that is widely used around the world.

University of California, Davis: The University is ranked 6th among U.S. public universities and the Department of Biomedical Engineering is ranked 14th in the nation in research expenditures by the NSF. Through close collaboration between the School of Veterinary Medicine (ranked 1st worldwide), the School of Medicine, and the College of Engineering, UC Davis provides unique opportunities for multidisciplinary and translational research. UC Davis is located in Northern California, within easy reach of Lake Tahoe, San Francisco, Napa Valley, Yosemite and the Northern California coast.

Application: Qualified candidates can apply by sending their CV, the names of two references, and a short statement of research interests to Dr. Emilie Roncali (eroncali@ucdavis.edu).