

Current Research Opportunities for Medical Students

Department: Medicine/Nephrology

Researcher(s): Joseph Y. Cheung, M.D., Ph.D.; Xue-Qian Zhang, M.D.; Jianliang Song, M.D., Ph.D.; JuFang Wang, M.D.

Project: Regulation of Cardiac Contractility post –Infarction

Number of positions available: 1 to 2

Dates students are needed: _summer; at least 3 months.

Is help needed ASAP? (email will be sent out to student body) No

Expected time investment of student: 3 months in summer

Required skills or prior experience: Not necessary although some understanding in biochemistry and molecular biology is desirable.

Comments: Our lab is interested in the molecular aspects that contribute to cardiac dysfunction post myocardial infarction. We focus on single cell studies, using biophysical and molecular techniques. We also measure in vivo cardiac function with echocardiography and catheterization.