Research Assistantship for a PhD Student in Biomedical Engineering

Department of Biomedical Engineering, University of Massachusetts, Amherst, MA

A National Science Foundation funded research assistantship is available for a PhD student to develop new tissue engineering and gene therapy strategies for bone regeneration. This is part of a research collaboration that will involve travel to and collaborative efforts with colleagues in Ireland. The position will begin in May of 2019. Candidates with a BS or MS degree in biomedical engineering, or closely related field, are preferred. The research will involve surgical procedures in animals, bone mechanical testing, histological analyses, and in vivo bioluminescent imaging and microcomputed tomography. Interested candidates should email a CV and 1 page statement of interest describing research experience, interest in this project, and long-term career goals to swdonahue@umass.edu.

Collaborators

Professor Fergal O’Brien
http://pi.rcsi.ie/pi/fjobrien/index.asp

Professor Helen McCarthy
https://pure.qub.ac.uk/portal/en/persons/helen-mccarthy(d1aea669-63c6-49d0-998b-f955886e74f2).html

Professor Nicholas Dunne
https://www.dcu.ie/mechanical_engineering/people/nicholas-dunne.shtml