I am currently looking for 2 PhD students to start in Winter/Spring/Fall 2023 and 1 postdoctoral researcher to start in October 2022. The Robotics and Medical Systems (RaMS) laboratory (https://rams.engr.ucr.edu/) in the Department of Mechanical Engineering at University of California Riverside (UCR) is dedicated to addressing challenges in medical applications with robot technologies on multiple scales. Our fundamental research in the design and control of surgical and wearable robots in collaboration with medical centers (e.g., City of Hope, Loma Linda Medical Center) is supported by National Science Foundation (NSF), National Institute of Health (NIH), UC Office of the President, and UCR. PhD students and postdoctoral researchers will be fully funded and will work on the following areas:

* Smart material
* Microfabrication
* Fluidic soft robots
* Medical robots and instruments

Candidates with a background in Robotics, Mechanical Design, Microfabrication, Mechatronics, and Control Systems are encouraged to apply. Please send the following documents in one PDF file to Dr. Jun Sheng by email (jun.sheng@ucr.edu):

* Curriculum vitae with GPA (list at least two references for postdoctoral applicants)
* Research statements (PhD applicants only; describe experience and interests; up to 2 pages)
* Undergraduate transcripts and graduate transcripts (if applicable)
* GRE score reports (PhD applicants only and optional) and TOEFL/IELTS score reports (international PhD applicants only)
* Published, accepted, and in-preparation papers and thesis (2 journal papers for postdoctoral applicants)

About UCR: The Marlan and Rosemary Bourns College of Engineering (BCOE) at UC Riverside is a well-established, rapidly growing college at UCR. Ranked in the top 50 public engineering colleges by U.S. News & World Report, BCOE has 130 faculty members, more than 3,100 undergraduate students, 900 graduate students, and more than $46 million in total annual research expenditures. The college is home to five departments, nine undergraduate programs, seven graduate programs, and nine research centers.

Best regards,

Jun Sheng, Ph.D.

Assistant Professor

Department of Mechanical Engineering

University of California Riverside