



UNIVERSITY OF  
NOTRE DAME

College of Engineering

BIO- AND BIOMEDICAL ENGINEERING PROGRAMS

## Postdoctoral Research Opening

Zorlutuna lab is looking for postdoctoral applicants who are interested in tissue engineering, micro/nanopatterning, microfluidics, and electrical and mechanical properties of cells and engineered tissues.

Candidates are expected to have a PhD degree in Bioengineering, Chemical Engineering, Mechanical Engineering, Electrical Engineering, or a closely related field, with significant research background in cell or tissue engineering and microfabrication, and must have good written, communication, and organizational skills, high creativity, self-motivation, and strong problem solving skills. Candidates should have strong track record of publication from their PhD or previous postdoctoral appointments in the above mentioned research fields.

Please send your application along with your CV, representative publications and contact information of three references to Prof. Pinar Zorlutuna (Pinar.Zorlutuna.1@nd.edu).

## **Postdoc recruitment ad. (1 postdoc)**

Professor profile: <https://engineering.nd.edu/profiles/syoon>

Department website: <https://ame.nd.edu/>

Job Categories: Post-Doc

Academic Fields: Microfluidics / Micro-ultrasonic transducers; Mechanical Engineering; Electrical Engineering; Biomedical Engineering

We invite applications for a postdoc position in micro-device manufacturing. Ideal candidates will have a strong record of accomplishment in the development of microfluidic devices and micrometer-sized ultrasonic transducers. Ideal candidates will be a leader in a research team to integrate developed micro-device with stem cell reprogramming at Notre Dame. A PhD in Mechanical Engineering, Electrical Engineering, Aerospace Engineering, Biomedical Engineering or a related field is required. Creative and independent research design and development will be expected. Candidates will also be expected to publish papers and mentor undergraduate and graduate students.

Yoon lab is developing a new platform for the generation of induced pluripotent stem cells (iPSCs) which can be directly applicable to clinical trials.

To apply, please email your CV, one representative publication, research statement (less than 2 pages), and names and contact information of two references to Professor Sangpil Yoon ([syoon4@nd.edu](mailto:syoon4@nd.edu)). Research statement should include accomplishments and your research plan. The appointment is for one year and renewable upon satisfactory progress.