Ph.D. position available at Purdue University, focusing on design, fabrication, and testing of organic bio-electronic artificial skin, for health care (bioelectronics medicine) and soft robotic application(s). Project range from circuit and sensor design, device and system fabrication and characterization, as well as application-specific testing, including, but not limited to, on-skin deployment, soft-robotic integration, etc.

The candidate should have a M.S. (exceptional individuals with B.S. might be considered) in Electrical or Computer Engineering, Materials Engineering, Chemical Engineering, Physics or related field(s). Prior experience in at least one of the following is required: stretchable electronics, solution processing, wet (chemistry) lab, cleanroom fabrication, device fabrication, circuit design and testing. Prior publishing in journal or conference proceeding is desirable. Additional experience in neuromorphics, EMG / ECG, soft robotics and 3D printing is a plus.

Starting date should be Fall 2018 semester (classes start in mid-August). After successful school enrollment, the desired starting date would be in the middle of the summer (June or July).

For more information please contact me at: robertnawrocki (at) purdue.edu

https://polytechnic.purdue.edu/profile/rnawroc