

27 August 2018

Ph.D. position available at Purdue University, focusing on design, fabrication, testing and integration of organic electro chemical transistors (OECT) with molecularly imprinted polymer (MIP)-based acid detecting sensor. Project range from synthesis, sensor design, device and system fabrication and characterization, as well as application-specific testing.

The candidate should have a M.S. in Electrical or Computer Engineering, Materials Engineering, Chemistry, Chemical Engineering, Physics or related field(s). Prior experience in at least one of the following is desirable: OECTs, MIPs, organic chemistry, organic sensors, polymer synthesis, organic electronics, solution processing, wet (chemistry) lab, cleanroom fabrication, device fabrication, and microfabrication. Prior publishing in journal or conference proceeding is desirable.

Starting date should be Fall 2018, or no later than Spring 2019 semester.

For more information, please contact:

robertnawrocki (at) purdue.edu or

rvoyles (at) purdue.edu

Robert Nawrocki
Assistant Professor
Purdue University

KNOY 133
401 N. Grant St
West Lafayette, IN 47907
USA
1.765.494.5039

<https://polytechnic.purdue.edu/profile/mawroc>

<https://polytechnic.purdue.edu/facilities/lobe>