Ph.D. Opportunity in the Department of Electrical and Computer Engineering of University of Illinois at Urbana-Champaign, IL, USA with a focus on

MICROELECTRONICS AND PHOTONICS

ICORLAB research group led by Prof. Can Bayram in the Department of Electrical and Computer Engineering (ECE) at University of Illinois at Urbana-Champaign (UIUC) is currently looking for PhD students. We are located in the Micro and Nanotechnology Laboratory (MNTL), also working in the Center for Nanoscale Science and Technology, Materials Research Laboratory, and Beckmann Institute. Our research is focused on next generation photonic and electronic devices including:

1. Solid State Lighting
2. Next Generation Electronics
3. Flexible Devices for Therapeutic Applications
4. Hetero-integrated Devices for Advanced Applications

Our work includes design/simulation, microfabrication, characterization, and measurement of semiconductor devices. On-campus collaborations include Materials Science, Physics, Chemical and Mechanical Engineering, and off-campus they range from academia to industry.

Interested students should take a look at ICORLAB group webpage at http://icorlab.ece.illinois.edu/ and contact Prof. Bayram directly via email “cbayram@illinois.edu” (and should attach their CV and unofficial UG/GRAD transcripts). Students with experience in design, simulation, and microfabrication of photonic and electronic devices are encouraged to apply. Experience with GaN-based materials and devices is preferred but not required.

The official application deadline for the ECE Spring semester is by September 1st.

The official application deadline for the ECE Fall semester is by December 15th.

http://www.ece.illinois.edu/admissions/graduate/graduate-dates-and-deadlines.asp

UIUC-ECE is ranked one of the top Electrical Engineering Programs. (4th according to 2018 US News Rankings).