

The Advanced Materials Research Institute and Department of Chemistry University of New Orleans

RESEARCH EXPERIENCES FOR UNDERGRADUATES SUMMER RESEARCH PROGRAM IN MATERIALS SCIENCE AND NANOTECHNOLOGY

Exciting research positions for undergraduates are available in chemistry, physics, and materials science. State of the art projects include synthesis and characterization of magnetic materials; synthesis and characterization of nanoparticles; development of nanoscale biosensors; development of nanocrystalline metal oxides as prospective optical, magnetic, and biomedical materials; evaluating the chemistry and physics of nanoparticle-polymer composite materials; investigating photochemistry and free radical chemistry in environmental systems; preparation and characterization of nanomaterials for biomedical applications; and other relevant projects. The Advanced Materials Research Institute (AMRI) and the Department of Chemistry have state of the art research facilities including a wide range of sophisticated instrumentation.



2008 REU intern (left) in the lab
with graduate student coworker

FULL TIME POSITIONS BEGIN MAY 24, END JULY 23, 2010, AND ARE ACCOMPANIED BY A STIPEND OF \$4000. HOUSING AND TRAVEL ALLOWANCES ARE ALSO AVAILABLE.

College students entering their freshman, sophomore, junior, or senior year in Fall 2010 are eligible. No prior research experience is required. Consideration of applications will begin by Feb. 26, 2010. To apply, submit the materials listed below. Program open to US citizens and residents.

- AMRI-REU Application Form (available Nov. 2 at www.amri.uno.edu)
- Three letters of recommendation
- An official college transcript
- A 1-2 page personal statement indicating career goals, prior research experience (if any), and a description of why you wish to participate in this program

Send application materials to be received by **4:00 PM on February 26, 2010** to:

Poncho DeLeon
Advanced Materials Research Institute
University of New Orleans
2000 Lakeshore Drive
New Orleans, LA 70148

For further information, contact AMRI at amri@uno.edu

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