



Student Internship Opportunity: Fluid Dynamics Experimental Laboratory

Date and Duration of Position: Year-round and Summer 2009 positions available

Position Description: At Los Alamos, you will be working in the Experimental Laboratory of the Fluid Mechanics Research Group on cutting-edge experiments that span a variety of topics. The current research projects in our group include the study of micro-fluidic phenomena, acoustic streaming in fluids, research and development of flapping wing ornithopters, and turbulence measurements in shock-induced mixing flows. We are also interested in the development of new and inexpensive diagnostics for fluid flow problems in addition to the diagnostics we already have (PIV/PLIF/Shlieren/Thermal Anemometry/Rayleigh Scattering etc). Our experimental work is closely coupled with the computational group here to develop numerical counterparts for our experiments. During your stay here, you are expected to work on a topic of your interest towards a tangible goal and a great deal of freedom exists in the choice of a project. Generally, good work performed here is published in a major journal or conference.

Major(s): Mechanical Engineering, Applied Mechanics, Aerospace Engineering

Academic Attainment: Jr. / Sr.

Specialized Skills: None indicated.

Additional Requirements: None indicated

Instructions to Student Applicants: To submit a letter of interest for this position please select the "Submit" link below. In the body of your email message explain why you are interested in the position and how your background makes you well qualified. Attach a current resume as a document, text or PDF file and then send the message to the address provided.

After sending your message the Los Alamos National Laboratory Student Programs office will contact you to confirm that your letter of interest was received. You will also be provided with additional application information at that time.

Thank you for your interest in pursuing a student internship at Los Alamos National Laboratory.

[SUBMIT TO: p23001@lanl.gov](mailto:p23001@lanl.gov)