The Advanced Video and Display Technologies Department in SHARP Laboratories of America is seeking Graduate Student R&D Interns for the summer of 2011 in Solid State Lighting.

We are looking for Doctoral or advanced Masters level students with exceptional research and development credentials as well as strong hardware prototyping skills.

One of our summer projects is in the general area of LED lighting for both display backlight and general lighting. Our general goals in this project include optical design and optimization of LED for lighting, LED/phosphor characterization, and prototype building for concept demonstrations. Other goals may include study on the health effect of lighting.

An ideal candidate should be a Doctoral or advanced Masters level student at a research university. He/she should have solid knowledge in electrical and optical engineering. Candidates with scientific publications in the related areas are strongly preferred. The candidate should also have rapid prototype development capabilities and strong hands on skills. It is also preferred that the candidate is familiar with programming with Matlab, LightTools, or other optical design software.

SHARP Laboratories of America is located in Camas, Washington State, near Portland, Oregon, Columbia River Gorge, Mt. Hood, and the Oregon and Washington Coasts. In addition to desirable recreational opportunities, this is an area that has numerous companies active in display and imaging technologies. We offer a competitive salary and stipend package.

Please forward your resume, including a list of your publications and references to: Xiaofan Feng (xfeng@sharplabs.com), with subject line of your email including the words “SharpLabs Summer Internship”.