



LEHIGH NANOTECH  
NETWORK



Center for  
*Advanced Materials*  
and *Nanotechnology*

**Request for Proposals  
From LNN Sustaining Member Companies  
For Lehigh Student Co-ops, Summer '09  
Sponsored by the Center for Advanced Materials and Nanotechnology  
Lehigh University**

The Center for Advanced Materials and Nanotechnology (CAMN) of Lehigh University was awarded a contract by the Pennsylvania Department of Community and Economic Development through the Pennsylvania Ben Franklin Technology Development Authority (PBFTDA). This award is in support of Lehigh University's collaboration with an NSF-funded Materials Research Science and Engineering Center (MRSEC) at Carnegie Mellon University. The goal of this award is to promote research in advanced materials and nanotechnology which will benefit Pennsylvania industries. As a result, the CAMN is soliciting proposals to provide 100% support of up to two Lehigh University Co-op students that can be matched to an opportunity at a Lehigh Nanotech Network Sustaining Member Company located in Pennsylvania that meets the following guidelines:

- The research area must involve advanced materials; including but not limited to, photonics, nanofabrication, microstructural characterization and biotechnology.
- Participation by and relevance to Pennsylvania industry must be demonstrated in the application.
- Awards are expected not to exceed \$6,000 per student, and only two students will be competitively chosen.

Proposals should include the one-page application attached. Awards will be made for the Lehigh University's Co-op summer program of 2009.

If interested in receiving a student fellowship (as mentioned above), please be sure to include the student's resume and a copy of their Lehigh application. The completed proposal application and a maximum one page project description should be submitted to Joan Stanesco, LNN Secretary, Lehigh University, CAMN, 470 Whitaker Laboratory. Applications will be accepted until May 1<sup>st</sup> 2009. Applicants should be notified of an award within 2 weeks of application receipt.

CAMN Use Only
Application No:
Receipt Date:
Awarded: Y___ N___ Date:

**Proposal Application  
Center for Advanced Materials and Nanotechnology  
Lehigh University**

<b>Company Name &amp; Address:</b>	
<b>Company Contact Name:</b>	<b>Company Contact Telephone :</b>
<b>Company Contact Email:</b>	<b>Company Contact Fax:</b>
<b>Brief Project Description:</b>	
<b>Impact on Pennsylvania Industry:</b>	

**Brief Project Description:** Please provide a short project summary including the main research area, goals of the project and its relevance to Pennsylvania industry.

**Impact on Pennsylvania Industry:** Please describe the proposed effects this research may have on Pennsylvania industry. Any quantifiable expectations, which can be included, are recommended.