



LA-SIGMA

Louisiana Alliance for Simulation-Guided Materials Applications

External Engagement

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External Engagement



Through the use of face-to-face meetings and CI tools such as synchronous HD video, our program will provide for efficient collection and dissemination of information between participants, the K-12 community, two-year colleges, and the general public.



Where we were...



- Limited public outreach in computational materials science
- Lack of statewide tools for HD presentations, recording, digitizing, and disseminating talks and course materials
- Limited international partnerships in computational materials science





What we are doing

Strategy 1. General Public

- LA-SiGMA faculty and graduate students from Louisiana State University participated in two Baton Rouge area's NanoDays events.
- The LA-SiGMA Outreach Coordinator is compiling a list of expert speakers to distribute to institutional public relations entities.



What we are doing



Strategy 2. Web portal

- Created <http://institute.loni.org>

Strategy 3. Repository and Version Control System

- Created and in use

Strategy 4. HD Synchronous Video

- Investigating Cisco solution



What we are doing



Strategy 5. Newsletters/Brochures/Highlights

- LA-SiGMA has created a professional brochure, as well as several brochures for specific events, like the REU and RET programs.
- LA-SiGMA has also created a facebook page to post pictures and update members about events.
- Highlights have been prepared for distribution to NSF.



What we are doing



Strategy 6/8. Communication with NSF

- An all-hands meeting was held August 17, 2010
- An all-hands meeting will be held May 28, 2011.
- An all-hands meeting has been scheduled August 5-6, 2011. The NSF program officer, the External Review Board, the Diversity Advisory Council, and the Industrial Liaison Team will attend this meeting.



What we are doing



Strategy 7. International/national collaborations

- Sudapa Loasooksathit from LA Tech spent one quarter at University of Hertfordshire in the UK, collaborating with two faculty members on programming language and compiler development.
- Marielle Soniat from UNO will visit Susan Rempe at Sandia Albuquerque Summer 2011.



Plans for future & sustainability



- Public events
- Web accessible content
- HD video
- All-hands meetings



A Major Accomplishment...



Students sent to national and international laboratories

