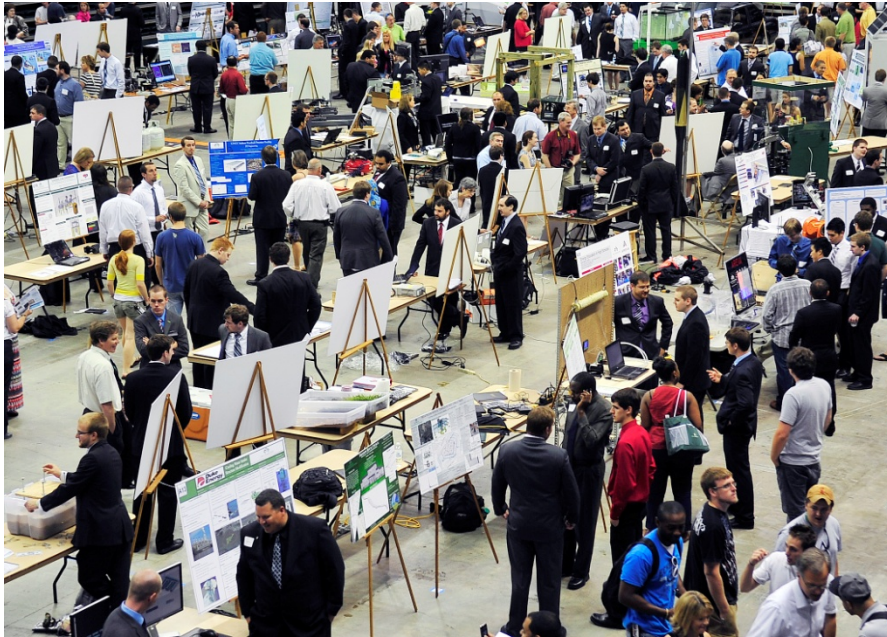


Senior Design Newsletter

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2012 May EXPO

For the second year, the EXPO was held in Halton Arena on the main game floor thanks to the support of CRI which assisted with the arena rental. We had 74 completed projects on display in the center of the arena and 23 posters of the proposed designs of the Spring projects on the ends. This year 80 Civil Engineering Department seniors joined the exposition displaying their results of a Shaw sponsored project developing a renewable energy site. They were divided into four “divisions” each preparing an independent detailed solution.

Nine projects were selected as “finalists” and eligible for judging for the three monetary awards. They were:

Baldor Electric: Motor Test Fixture with Variable Shaft Loads

Bosch Electronics: Pedestrian Safety Alert System Team 2

Charlotte Green Initiative: Plastic Bottle Recycler 1

Charlotte Green Initiative: Plastic Bottle Recycler 2

Smith Setzer and Sons: Beach Wheelchair

UNC Charlotte CEGR Department: Shaw Group: Renewable Energy Site Development Team 2

UNC Charlotte CET Department: Kirk Road Pedestrian Bridge to Rec Fields

UNC Charlotte Construction Management Department: Discrete Event Simulation

UNC Charlotte ECE Department: Pipe-Traversing Robot



UNC CHARLOTTE

The WILLIAM STATES LEE COLLEGE of ENGINEERING

The winning projects were:

1st Place, \$500 Bosch Electronics: Pedestrian Safety Alert System Team 2



2nd Place, \$300 UNC Charlotte ECE Department: Pipe-Traversing Robot



3rd Place, \$100 Baldor Electric: Motor Test Fixture with Variable Shaft Loads



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Pictures of many of the projects on display can be found here; <http://srdesign.uncc.edu/expos/66-spring-2012-expo-pictures.html>

Call for Fall 2012 Projects!!

Missed the deadline for a spring 2012 start? No worries, we are currently accepting project descriptions until July 1 for the fall 2012 semester. Forms and instructions are available on our website at: www.srdesign.uncc.edu/company-information.html. It's never too late to submit a project and it has never been easier to propose a project! Use the on-line project request form on the PROJECTS page on our website that asks for all the information we need.

Mark your calendar for our 2012-13 Senior Design dates:

- July 1, Deadline for Fall Project Submissions
- October 5, 12 Prototype Review Presentations for Spring Start Projects
- October 25-26, Nov 1-2, Conceptual Design Reviews for Fall start projects.
- November 1, Deadline for SPRING projects (begin in January)
- December 7, FALL EXPO

Need More Information or Have Questions?

Check out our website <http://www.srdesign.uncc.edu> or contact Bill Heybruck at 704-687-2934 (wfheybru@uncc.edu). Please REPLY with "REMOVE" if you would not like to receive future issues.