

CIVIL, ARCHITECTURAL & ENVIRONMENTAL ENGINEERING



June 9, 2011

Spring 2011

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NERRS Graduate Research Fellowship

Civil engineering PhD candidate **Ramona Stammermann** was granted a two year National Estuarine Research Reserve System (NERRS) Graduate Research Fellowship. The NERRS fellowship program was created in 1997 to support graduate students interested in coastal and estuarine sciences. By providing stipends, a living laboratory, and a broad network of fellow scientists, the Reserve system aims to support and encourage young talented scientists and engineers to contribute to the knowledge base, provide the science to support coastal decision-making, and train future coastal scientists and policy-makers.



National Academy of Sciences Committee Findings

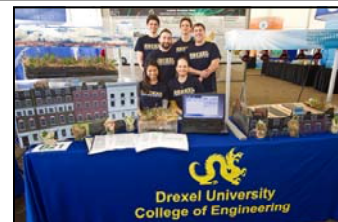


Dr. Charles N. Haas, CAEE department head, serves as the chair of a committee from the National Research Council of the National Academy of Sciences tasked by the Army to review risk assessment methods for a proposed new Medical Countermeasures Test and Evaluation Facility at Fort Detrick. The committee's first report was released in April. Noting that the decision to have the plans evaluated in such a way is commendable, the committee found that the work plans for the site were lacking much of the necessary information to fully evaluate the proposed scope of work. Amongst their findings, the report states that the brief did not include detailed exposure-assessment plans and failed to define an approach to evaluating the risks from infections acquired in the laboratory. Officials from Fort Detrick are currently reviewing the proposal.

More information can be found in the April 30th, 2011 [Frederick News Post](#) article.

2nd Phase Award in EPA-P3 Competition

A team of students advised by CAEE Professor **Dr. Grace Hsuan** has won the 2nd phase award for the EPA-P3 student competition. **Monika Mickute**, a BS/MS student in the Architectural Engineering program lead the multidisciplinary team in developing a unique lightweight green roof. There were 54 teams in the 1st Phase competition and this year only 8 teams have been awarded for the 2nd Phase. The winning teams will receive a minimum amount of \$75,000 for two years to continue their design and bring the product to the market.



New Course—Repurposing Urban Spaces

In partnership with the Philadelphia Department of Parks and Recreation, the CAEE department is offering a new course for the summer term, Repurposing Urban Spaces. Students enrolled in the class will study the functions that Rec-center sites in Powelton and Mantua are providing to the community, city, region and beyond. Accompanying field work will be reading and discussion of cutting edge accounts of how urban spaces are being repurposed around the world, as part of the new green cities movement. At the end of the class, students will present their work to the Commissioner of Parks and Recreation, Michael DiBerardinis. Interested students could follow the project forward next year in follow up courses to be offered in the fall, winter, and spring (not mandatory). The instructor for the course is Prof. Laureen Boles, an environmental engineer and planner at the Philadelphia Water Department and also adjunct professor at the University of Pennsylvania. If you have any questions about this course, please contact **Dr. Franco Montalto** (fam26@drexel.edu)

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