

# THE MOMENT

*Cecil T. Lobo ASCE Student Chapter of Rose-Hulman Institute of Technology*

## ASCE Service Project

Approximately 20 members of the Cecil T. Lobo student chapter of the American Society of Civil Engineers, along with other students and friends, spent three Saturdays this spring assisting with the reconstruction of a home for a handicapped West Terre Haute resident. The property owner became homeless following a house fire and started work on a new 900 square foot residence. However, lack of financial resources and medical handicaps prevented the owner from completing work before the cold winter months.

That's when ASCE members stepped in to lend a valuable helping hand. Work crews finished the roof, placed plywood on exterior walls and enclosed the structure with plastic house wrap material to seal out moisture. The students also replaced one porch deck, constructed new stairs for the front and back porches, including a wheelchair ramp; roofed an outbuilding; demolished a small storage barn; and cleaned up the entire yard.

Project managers for the ASCE project were juniors Philip Griffith and Jeffery Poole. Community Service Chair Andrea Mailloux made the initial project contact after learning of the person's plight from Rose-Hulman Civil Engineering Professor Martin Thomas.

To date, the project has cost more than \$1,200, which was covered by financial and material donors. The National Association of Women in Construction is helping ASCE find an electrical contractor to install electrical wiring and fixtures in the house, along with providing a financial gift. Other monetary gifts were received from Martin and Jody Thomas, Tom and Karen Poole, Jim and Nancy Griffith, and David and Rita Howell. Providing materials and services were 84 Lumber and Jamax Corporation.

Contributed by Rose-Hulman

## David Honan Recognized

One of our juniors, David Honan, won the 14<sup>th</sup> annual water resources photography contest sponsored by the ASCE Environmental and Water Resources Institute (EWRI). David's winning photo will be featured on the cover of the EWRI conference proceedings. He will also receive an expense paid trip to the conference, where he will be honored. This is not the first time the amateur photographer has been recognized. His photographs have also appeared in The Short Line railroad journal.

Contributed by Dr. Houghtalen



## Team Places First at Indiana Section Meeting

A team of Rose-Hulman civil engineering seniors captured first place honors in the Indiana Student Project Presentation Competition that's part of the Indiana Section meeting of the American Society of Civil Engineers. This marks the 10th time in the past 11 years that Rose-Hulman has brought home the state title.

The project was "Bridge Replacement for Base Security" for the Naval Surface Warfare Center at Crane, Ind. Team members were Matt Albert, A.J. Chandler, Noah Fehrenbacher, Jake Gennicks and Jake Willhoit. Two bridges of different types within the military base are in need of replacement. The faculty coach was James Hanson, assistant professor of civil engineering. The project required field reconnaissance to document current conditions and develop options for a replacement structure at each site. The selected solution was designed and developed to the extent that a contractor can execute the chosen design. The team completed design drawings, cost estimates and a narrative summary, including bridge computations of the chosen design.

"We're very proud of our team's continued excellence performance in this statewide competition," stated Civil Engineering Department Chair Robert Houghtalen.

Contributed by Rose-Hulman



### Upcoming Events

- ASCE Spring Picnic (tentative)  
Friday, May 21—5:30 pm
- ASCE Golf Tournament  
Saturday, May 22
- Regional Conference Informational Meeting  
Monday, May 24—11:45 am

Here are the answers for the last crossword.

#### Across

3. wood
4. suspension
6. Pati Dam
7. hydrate

8. France

10. Petronas Tower

#### Down

1. xenon
2. Toronto
5. Panama

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