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**ATTENTION STUDENT MEMBERS!!!**  
**IT IS REQUIRED FOR YOU TO**  
**BECOME A NATIONAL MEMBER!!!**

Do this @

<http://www.asce.org/content.aspx?id=2147490038>

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**Introductions:**

- Practitioner Advisors: Dave Karnowski  
Earl Tast
- Honorary Lifetime  
Contact Member: Bob Thorn
- Faculty Advisors: Dr. Hossain  
Dr. Riding

**Officer Reports:**

- President: Jordan Dettmer
- Vice President: Rachel Spicer
- Treasurer: Katie Krol
- Recording Secretary: Charles Loughman
- Corresponding Secretary: Andy Shearrer
- Newsletter Editor: Levi Ewing
- Historian: Jacob Dull
- Student Council Rep: Walter Hicks
- Freshman/Sophomore Rep: Xinch Zhang
- Graduate Student Rep: Ranjit Godavarthy
- Activities Chair: Josh Sommerfield
- Special Projects Chair: Gus Wuertz
- Webmaster: Michael Hare
- Open House Chairs: Sam Corey  
Sam Hegarty  
Lauren Winnen
- Steel Bridge Chairs: Matt Arnold  
John Handke  
Tyler Ummel
- Concrete Canoe Chairs: Jessica Hennes  
Brianna Krysztof
- 2011 Regionals Chairs: Rob Murphy  
Rachel Spicer

**Agenda:**

- Announcements: Jordan Dettmer
- Introduction of Speaker: Rachel Spicer
- Speakers: Scott Sutherland

# Company Profile

## Schwab-Eaton, P.A.

Schwab-Eaton Engineers was founded in 1957 by Merle Schwab and Frank Eaton. The first years at the firm were spent designing roads and bridges for counties throughout Kansas and the Midwest. As the firm grew, they took on larger engineering challenges, including an 11-mile stretch of highway through the rugged Appalachian Mountains of eastern Kentucky and a 40-mile stretch of pioneer highway through the Darien Jungle in the Republic of Panama. Much has changed since those early years. Today, Schwab-Eaton, P.A. is a multi-disciplinary organization with nearly 50 employees.

Schwab-Eaton is a full-service professional engineering and design firm. They offer civil engineering, surveying, landscape architecture, and construction support services.

Schwab-Eaton's professional staff has extensive experience in the planning and design of land developments, parks and plazas, sports facilities, transportation systems, and water and wastewater utilities. They integrate sustainable design principles into all of their projects, and can provide specific solutions for projects seeking LEED or other "green" certifications. They assist in project implementation by providing dependable surveying, construction inspection, and materials testing. Each project is handled with full consideration of their clients' needs, goals, and budget.

# ASCE Bridge Profile



The Bob Graham Sunshine Skyway Bridge is a bridge spanning Tampa Bay, Florida, with a cable-stayed main span, and a length of 29,040 feet (exactly 5.5 miles or approximately 8.85 km). It is part of I-275 (SR 93) and US 19 (SR 55), connecting St. Petersburg in Pinellas County and Terra Ceia in Manatee County, Florida, passing through Hillsborough County waters. Construction of the current bridge began in 1982, and the completed bridge was dedicated on February 7, 1987. The new bridge cost \$244 million to build, and was opened to traffic on April 20, 1987. It replaced an older bridge constructed in 1954 and partly destroyed in a collision in 1980.

It is constructed of nub steel and concrete. Twenty-one steel cables clad in nine-inch (229 mm) steel tubes along the center line of the bridge support the structure. It was designed by the Figg & Muller Engineering Group, and built by the American Bridge Company.

In September 1994, an act of Florida Legislature officially named the current bridge the Bob Graham Sunshine Skyway Bridge, after the Governor of Florida and then U.S. Senator who presided over its design and most of its construction. According to sources, he was inspired to suggest the current design by a visit to France, where he saw a similar cable-stayed bridge. The original bridge was dedicated to state engineer William E Dean, as noted on a plaque displayed at the south rest area of the bridge.

# Officer Contacts

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**2011 Regional Chairs:**

Rob Murphy – [murph40@ksu.edu](mailto:murph40@ksu.edu)

Rachel Spicer – [rspicer@ksu.edu](mailto:rspicer@ksu.edu)

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# Scholarships

**U.S. Department of Homeland Security (DHS) Scholarship Program  
Jan 5 deadline**

Supporting students interested in pursuing the basic science and technology innovations that can be applied to the U.S. Department of Homeland Security mission.

- \* Undergraduate students
  - \* U.S. citizenship required
  - \* Funding available for fall 2011
  - \* Full tuition and monthly stipends
  - \* Includes 10-week summer internships at federal research facilities or DHS Centers of Excellence
- Complete information is available online at <http://www.orau.gov/dhsed/>

**National Defense Science and Engineering Graduate Fellowship:  
<http://ndseg.asee.org/> .**

**Dec. 17 deadline**

As a means of increasing the number of U.S. citizens and nationals trained in science and engineering disciplines of military importance, the Department of Defense (DoD) plans to award approximately 200 new three-year graduate fellowships in April 2011, subject to the availability of funds. The DoD will offer these fellowships to individuals who have demonstrated the ability and special aptitude for advanced training in science and engineering.

**SMART Scholarship: <http://smart.asee.org/>**

**Dec. 1 deadline**

The Science, Mathematics And Research for Transformation (SMART) Scholarship for Service Program has been established by the Department of Defense (DoD) to support undergraduate and graduate students pursuing degrees in Science, Technology, Engineering and Mathematics (STEM) disciplines. The program aims to increase the number of civilian scientists and engineers working at DoD laboratories.

Dr. Jim Honehary is willing to work with any student interested in applying.

Jim Hohenbary

Asst. Dean for Nationally Competitive Scholarships  
112 Eisenhower Hall

# Schedule

November 25: Thanksgiving

December 2: **Awards Banquet**

December 9: **Officer Elections/Senior Projects**