

# The Wrench



ASME-UF

September 2009

## 2009-2010 Officers

Brandon Crone  
**President**

Tim Bengston  
**Vice-Chair External**

Kelvin Chang  
**Vice-Chair Internal**

Alberth Franco  
**Treasurer**

Brian Green  
**Membership Coordinator**

Josh Reed  
**Programs Coordinator**

Dana Massaro  
**Secretary**

Ayin Mokrivala  
**Webmaster**

Alex Fortunado  
**BEC Representative**

Ginina Vitucci  
**Outreach Chair**

Richard Dean Clark III  
**Fundraising Chair**

Carolyn Huntley  
**Publicity**

Andrae Kirkland  
**Historian**

Bryan Garcia  
**Newsletter Editor**

Dr. Lear  
**Advisor**

## Learn Outside Lectures with ASME

The engineering classes at UF provide students the opportunity to learn the scientific and mathematical theory behind the innovations that professional engineers produce every day. But what do those numbers translate to in the physical world?

Answers to that question lie in the opportunities offered by ASME-UF's student design competition teams. These teams compete against other universities nationwide in events sanctioned by the American Society of Mechanical Engineers.

Currently, ASME-UF has a team for the Human Powered Submarine (HPS) and the Autonomous Waste Sorter (AWS) competitions.

As the name implies, the HPS team designs and constructs a single-occupant submarine. The occupant controls the propeller-driven sub, which is scored based on the time it takes to finish the course. This year, the competition will be held at San Diego, California.

The AWS team will design and build a machine that can independently sort through and classify articles of waste. The AWS must then deposit each item into one of five containers, depending on the type of recyclable.

For more HPS info, contact Brian Green at eagleace@ufl.edu. To learn more about AWS, contact Ginina Vitucci at gvitucci@ufl.edu



Above: HPS team members getting the Swamp Thing II hull ready for testing.

Below: HPS manufacturing the drivetrain for the Swamp Thing II.



## Tailgating With the Gators

The arrival of the fall marks the beginning of a new academic year. Thankfully, that also means college football season is upon us.

Throughout the season, ASME-UF will be

tailgating before each of the Gators' home games. So stop by Flavet Field and join fellow members for socializing and food, before cheering on the reigning national champions at The Swamp.



## Become a Student Member of ASME National:

- Access [www.asme.org/membership](http://www.asme.org/membership)
- Fill out the student membership form and pay \$25 fee at the website
- First year students can become members for free!

## Columnar List of ASME Events for September and October

**September 9:** 1<sup>st</sup> ASME General Body Meeting, MAE-B 211 (6:15 P.M.)

**September 12:** Gators vs. Troy Tailgate, Flavet Field (10:00 A.M.)

**September 19:** Gators vs. Tennessee Tailgate, Flavet Field

**September 29:** 2<sup>nd</sup> ASME General Body Meeting/Career Fair Preview, FLG230 (6:15 P.M.)

**September 30:** Fall Career Showcase—Technical Day, O’Connell Center (9 A.M.-3 P.M.)

**(Tentative) October 7:** 3<sup>rd</sup> ASME General Body Meeting, MAE-B 211 (6:15 P.M.)

**October 9-10:** ASME SLS Conference at Jacksonville, Florida

**October 17:** Gators vs. Arkansas Tailgate, Flavet Field

**(Tentative) October 21:** 4<sup>th</sup> ASME General Body Meeting, MAE-B 211 (6:15 P.M.)

## Suit Up for Success in the Career Fair

*“One has to look out for engineers—they begin with sewing machines and end with the atomic bomb.”*

-Marcel Pagnol

Plan ahead: the Fall Career Showcase at O’Connell Center is just a few weeks away, and it’s the perfect opportunity to begin pursuing that job or summer internship. Thanks to the Career Resource Center (CRC), here’s a short list of just some of the things that can be done to make a good impression.

Visit the CRC at the Reitz Union to have the résumé

critiqued and revised by an expert, before it’s presented to employers.

Research the companies that interest you. Go to the showcase and demonstrate to the recruiters that you have insightful knowledge of the company, and that you have meaningful questions to show that you want to learn more. Taking the time to learn about the employer will likely

enhance the chances that the recruiters will take some time and learn more about you.

Finally, be polite and professional when speaking with and listening to the company representatives, and don’t be afraid to show a little confidence.

For more information and helpful hints, visit the CRC website at <http://www.crc.ufl.edu>.

## The Benefits of Being Active in ASME-UF

What can ASME do for you?

ASME-UF offers students the opportunities to network with professionals and peers, gain hands-on engineering experience, and make friends for life.

As often as possible, ASME-UF will have professional engineers speak during the meetings and offer insight into the engineering profession. Trips to engineering facilities are also taken throughout the year, so that

members have a chance to see facilities from firms such as Lockheed Martin and E-One.

The club also allows students to take part in design competitions and in national ASME student conferences.