

# SHPE General Meeting:

Wednesday, March 2, 2011

**12:45 PM: Meeting called to order.**

10 of Attendees

Erasmus Millena

Ryan Slabaugh

Tyler Peterson

Dave Mensching

Evan Ruwe

Eric Tanori

Kyle Benn

Moises Garcia

Robert Souza

Prof. Mohssenzadeh

## **Fabiola Presents**

- Jr. Chapter Experience
  - In 2007 she graduated from UCSD
  - She helped start the Jr. Chapter and Kerney Mesa HS
  - Maintaining the Jr chapter was a challenge
  - Minimum of 10 members (4 of which must be exec) must be at the Jr. meetings
  - A college chapter member must attend each meeting
  - Sponsored events such as professional speakers, projects at meetings
  - Exec board is initially selected from volunteers, but the following years the E-Board should be elected
  - General goals of a Jr. chapter
    - Spark curiosity in STEM (Science, Technologies, Engineering, and Mathematics) related fields
    - Prepare students for undergrad studies in engineering
- Suzie Falstone (Qualcomm) emailed her about their interest in assisting the starting a Jr chapter
- Environmental Engineering Experience
  - Graduated from Mesa to transfer to UCSD
  - Interest sparked from environmental concerns on TV upon entering UCSD
  - Common Duties
    - CAD/GIS design
    - Chemist
    - Project management
    - Environmental investigations
    - Soil, ground water, and runoff water sampling
    - Consolidation of information
    - Assure hazardous materials don't include organic corrosives etc
  - Chemistry undergrad classes are VERY valuable in Environmental engineering
  - "Lab work" not necessarily in a typical lab, it tends to be out in the field

## **MemberSHPE Contest**

- Cal Poly got 600% increase
- We had 55% increase but that is still a wonderful increase in membership

- Unfortunately we didn't win the memberSHPE contest due to the unexpected surge of paying members at CalPoly.
- We still did an AWESOME JOB!!!

### **Engineering Week**

- Our visit to Patrick Henry HS was a great success
- Students expressed interest in starting a JR chapter
- Faculty was also interested
- Therefore we are going to start the process of officially sponsoring a Jr chapter to be created at PHHS

### **PHHS Science Fair**

- Occupied a booth for the day
- Distributed brochures to students
- Showed more engineering projects to students provided by Tyler and Kellen
  - Plasma speaker (Arc of electricity is the source of sound)
  - Box that when turned on, a hand reached out to turn itself off

### **SD Science Fair (Sat March 26<sup>th</sup>)**

- Where: Petco Park
- When: March 26<sup>th</sup>
- Transportation: Meet at Ryan Slabaugh's Apt and we'll take the Trolley into town (\$5 for an all-day pass. MUCH cheaper than parking downtown!!)
- SHPE booth will be occupied by each local chapter of SHPE throughout the day
- Our chapter is slotted to occupy the booth from 1:00PM - 2:30PM
- Need at least 3 representatives
  - Volunteered thus far:
    - David Mensching
    - Tyler Peterson
    - Eric Tanori
    - Evan Ruwe
- Email [E-Board@sdmesashpe.org](mailto:E-Board@sdmesashpe.org) if you want to volunteer
- More info coming about the demo project we are expected to have on display for visitors

### **SD Professional Chapter Scholarships**

- The professional chapter will once again be offering scholarships this year
- What they look for in applicants:
  - GPA
  - Club participation
  - High involvement with club projects and meetings = better chance of winning the scholarships
- MUST attend the awards banquet (May 7<sup>th</sup>) to win and scholarships offered

### **Professional Meeting**

- Location: Intuit HQ
- Date: Wed Mar 23, 5:30PM – 8:00PM
- Food and refresh provided
- Hosts usually give special presentation relating to one of the engineering fields they employ
- Provides an excellent networking opportunity for internships and future jobs.

## **RLDC**

- Location: Santa Barbara (UCSB)
- Date: Apr 1-3
- 6 members have registered already
- We are allowed to bring anyone that wants to go
- Allowances have been voted in for anyone who may find it difficult to pay the registration fees.
- Email [E-Board@sdmesashpe.org](mailto:E-Board@sdmesashpe.org) if you want to register but are unable to pay the registration fee (\$100), your request will be kept CONFIDENTIAL and there are high chances that you will have to pay nothing out of pocket to go!
- ASG votes today on whether or not they will refund 50% of the conference fees for up to 5 of our members
- Our chapter has also agreed to pay 50% of the fees for another 5 members as well as 100% of the fees for an additional 2 members.
- These rebates will be selected by the E-Board (for confidentiality purposes) based on financial needs of each member who requests.

## **Resume Workshop**

- Location: Room 432 in the LRC
- When: Wed Mar 9 at 12:30PM – 2:00PM
- POC: Evan Ruwe ([Scribe@sdmesashpe.org](mailto:Scribe@sdmesashpe.org))
- This will replace the normal weekly meeting next week.
- Cooperative event with the Honors Club
- Resumes are required for RDLC attendance
- While there should be enough computers for everyone, it is requested that if you have a laptop to work on to bring it just in case we have more people attending than expected.
- Please bring a rough draft of your resume. It's easier to help on a rough than starting from scratch.
- Email with more details will follow soon.

## **WoW Project Meeting**

- Where: David Menshing's Garage. (Address is in previous emails and will be included in the reminder emails.)
- When: Fri March 4th @ 3PM
- Trying to max performance of last semester's shoes
- We should be able to beat the high schoolers this semester!

## **AHETEMS**

- Coming due at the end of month (April 1<sup>st</sup>)
- Easy application
- 1 app for all SHPE scholarships
- We may be organizing a workshop to assist in the application process.
- If you are interested in attending the workshop, PLEASE email the E-Board and let us know so we can accommodate your schedule. ([E-Board@sdmesashpe.org](mailto:E-Board@sdmesashpe.org))

## **Action Items**

- ICC Meeting representative needed again
  - Robert MAY be able to rep...Eric MAY be able to as well
- Keppe Motor

- Need someone to Project Manage:
  - Robert Souza Volunteered
- Vote for funding
  - Up to \$200
  - Motion: Robert Souza
  - 2<sup>nd</sup> : Tyler Peterson
  - Vote: 10/0/0/10 **PASS**
- Reimburse cost for new SHPE Banner
  - Motion: Tyler Peterson
  - 2<sup>nd</sup>: David Mensching
  - Up to \$40
  - Payable to Evan Ruwe
  - Vote: 10/0/0/10 **PASS**
- Reimburse for brochures
  - Motion: Erasmo Millena
  - 2<sup>nd</sup>: David Mensching
  - Up to \$40
  - Payable to Evan Ruwe
  - Vote: 10/0/0/10 **PASS**
- Board Nominations approaching
  - Get someone in the club to nominate you if you want to run for a position
- Review on Semester Goals

**1:45 PM: Meeting adjourned**