

Monday, April 08, 2013

Dear MESA\MEP IAB Member:

**THE FEBRUARY 8TH MEETING IS RIGHT AROUND THE CORNER, SO MARK YOUR CALENDAR.** Enclosed you will find the Board Meeting Agenda and Minutes from the December 14th meeting.

I hope you can attend this meeting. Several changes have taken place since the December meeting. These changes will be discussed during February's meeting in addition to upcoming events for the Spring semester.

This upcoming IAB Board Meeting will be held at Sony Technology Center in Rancho Bernardo; directions are below. Let me know if you have any constraints regarding this upcoming meeting.

Sincerely,

Cathy Seward  
MESA/MEP IAB Chair

Enclosure

#### **DIRECTIONS**

From the South:

Take 15 north to the Bernardo Center Drive exit and turn left (west). At the top of the hill, make a right on West Bernardo Drive. Then, make you 3<sup>rd</sup> left onto Via Del Campo. At the first stop sign, make a left onto Via Esprillo. We will be meeting in the large glass front building on the right side, Building 7. You will find visitor parking in the nearest parking lot or you can park in visitor parking in front of building 5 or on the street.

From the North:

Take 15 south to the Rancho Bernardo Road exit and turn right (west). At the first light - West Bernardo Drive make a left. At the first light - Via del Campo, make a right. At the first stop sign, make a left onto Via Esprillo. We will be meeting in the large glass front building on the right side, Building 7. You will find visitor parking in the nearest parking lot or you can park in visitor parking in front of the building 5 or on the street.

**Mathematics Engineering Science Achievement\MESA Engineering Program**  
**INDUSTRY ADVISORY BOARD AGENDA**  
**February 8, 2000**  
**2:00 pm**

- I Welcome
- II Introduction
- III Review of Minutes (December 14, 1999)
- IV Program Updates
  - A. MESA Engineering Program (MEP)
  
  - B. Mathematics Engineering Science Achievement (MESA)
  
  - C. Student Chapter Organizations
    - 1. Pacific Asian Society of Engineers (PASE)
- V Membership Committee  
No Report
- VI Professional Development Committee
  - 1.
  - 2.
- VII Special Projects Committee
  - 1. Mentor Program Report
- VIII Fundraising Committee
  - 1. Joint Proposal Update
- IX Other Topics

Next Meeting April 11, 2000

**Mathematics Engineering Science Achievement (MESA)\MESA Engineering Program (MEP)  
INDUSTRY ADVISORY BOARD MINUTES**

December 14, 1999

**I WELCOME**

The December 14, 1999, MESA\MEP Industry Advisory Board Meeting was called to order at 2:10 P.M. by Chair, Steven Wallace.

**II INTRODUCTIONS**

<b>Name</b>	<b>Company</b>	<b>Phone</b>	<b>Email</b>
Celise, Natasha	SDSU MEP	594-7704	<a href="mailto:ncelise@mail.sdsu.edu">ncelise@mail.sdsu.edu</a>
Chavez, Thelma C.	SDSU MSP	594-7195	<a href="mailto:tchavez@sunstroke.sdsu.edu">tchavez@sunstroke.sdsu.edu</a>
Escobedo, Mary Rose	BF Goodrich	691-4066	<a href="mailto:mescobedo@aerstructures.bfg.com">mescobedo@aerstructures.bfg.com</a>
Garcia, Theresa M.	SDSU MESA/MEP	594-5679	<a href="mailto:tgarcia@mail.sdsu.edu">tgarcia@mail.sdsu.edu</a>
Goode, Robert	SDSU MESA	594-4197	<a href="mailto:rgoode@mail.sdsu.edu">rgoode@mail.sdsu.edu</a>
Heredia, Robert	SDSU MESA	594-1508	<a href="mailto:heredia@kahuna.sdsu.edu">heredia@kahuna.sdsu.edu</a>
Hoshino, Mark	Kyocera America	576-2756	<a href="mailto:mark.hoshino@kyocera.com">mark.hoshino@kyocera.com</a>
Martinez, Alberto	SDSU SHPE	229-1325	<a href="mailto:marine5@rohan.sdsu.edu">marine5@rohan.sdsu.edu</a>
McKenzie-Ray, Sondra	Hewlett Packard	655-3794	sondra_mckenzie-ray@hp.com
Munoz, Rafael	County of San Diego	874-4110	<a href="mailto:rmunozpw@co.san-diego.ca.us">rmunozpw@co.san-diego.ca.us</a>
Myatt, Elizabeth	Navy Recruiting Office Prg.	524-6710	<a href="mailto:or4_sd@cnrc.navy.mil">or4_sd@cnrc.navy.mil</a>
Neuber, Frank	SDSU Career Services	594-6851	<a href="mailto:frank.neuber@sds.edu">frank.neuber@sds.edu</a>
Seward, Cathy	Sony	858-942-4321	<a href="mailto:Cathy.Seward@am.sony.com">Cathy.Seward@am.sony.com</a>
Wallace, Steven	City of San Diego	533-4102	<a href="mailto:sww@sdcity.sannet.gov">sww@sdcity.sannet.gov</a>
Wiehe, Benjamin	Reuben H. Fleet Science Ctr.	238-1233 x808	<a href="mailto:bwiehe@rhfleet.org">bwiehe@rhfleet.org</a>

**III APPROVAL OF MINUTES**

A motion to approve the corrected minutes of the October 12, 1999 meeting was made and seconded.

**IV PROGRAM UPDATES**

**A. MESA Engineering Program (MEP)**

**1. Technology Career Fair**

Natasha reminded members that the fair will be held on February 17, 2000 at Montezuma Hall on the SDSU campus. She also asked members to send in registration forms as early as possible to secure an exhibit. Natasha shared copies of a memo specifically developed to help industry members and recruiters understand the difference in fees charged by the MEP vs. Career Services for the Career Fair.

**2. NAMEPA Conference and Membership**

Theresa shared the NAMEPA databook, membership directory and newsletter along with vision and mission statement with the board. She explained that the organization National Association for Minority Engineering Program Administrators is design to provide networking and professional development with and for MEP Directors. Steve Wallace mentioned that by networking with other MEP Directors to recruit from a greater pool of students. Theresa mentioned packets of information can be sent to anyone interested in the organization.

**3. MESA Program Enhancement Grant**

After submitting several grant proposals to MESA Statewide, MEP was awarded a \$4,000 grant (part of funds given to MESA Statewide from Pac Bell). This grant was granted and will be used specifically for recruiting

alumni and new industry partners to the board on behalf of MEP and MESA. The staff is currently contemplating ideas in which these funds can be used and this objective can be reached.

## **B. Mathematics Engineering Science Achievement (MESA)**

### **1. New Staff**

MESA/MEP has hired two new staff members to assist in reaching program goals. Angelic Willis has been hired as Office Mgr./Assistant to assist both MEP and MESA in everyday office duties and responsibilities. Charmaine Ferrer was hired as Counselor for the MESA program to provide counseling to MESA pre-college students. The Counselor position is part of a statewide restructure of the MESA program to help students decide on majors, enter college etc.

### **2. Guest Speakers and Tours**

Robert gave a special thank you to Jose Luis Gomez at CALTRANS and Chairperson, Steve Wallace who both referred speakers to the MESA program. He mentioned that additional speakers are still needed. Robert shared a speaker packet with members of the board. Robert is also opened to have students' tour industry facilities such as Sundstrand that was toured in the Fall semester.

### **3. PSAT Testing 9<sup>th</sup> & 10<sup>th</sup> Graders**

This event will take place on January 29, 2000. Proctors are need and will start at 8:30 am to 12 noon. This year 130 students were tested. It is estimated that test familiarity can increase points for students as early as Junior High School.

### **4. MESA Contest Preliminaries**

On February 26, 2000 150 to 200 Junior and Senior high students will compete in hands on projects on the SDSU campus. Judges and proctors are needed to judge the different competitions. Robert asked members of the board to share this information with their engineers and refer them to MESA if they are interested in participating. Also company demos are welcome if you have technology you would like to share with students during their break from competitions. Contact Robert Goode is interested in participating at this event.

## **C. Student Chapter Organizations**

### **1. Society of Hispanic Professional Engineers (SHPE)**

Albert Martinez, Vice President, shared information with the membership. The following activities will take place this Spring: The Junior High Conference will be held on April 1, 2000 and will include a day of science for approximately 300 junior high students. 13 members will attend the SHPE NTCC 2000 in Washington DC January 26th-30<sup>th</sup>. SHPE has developed proposals to solicit funds for the NTCC 2000 conference and the Junior High Conference. If you are interested in a proposal contact MEP or SHPE.

## **VI MEMBERSHIP COMMITTEE**

### **1. Membership Drive Report**

NO REPORT

## **VII PROFESSIONAL DEVELOPMENT COMMITTEE**

### **1. Shadow Day**

Shadow Day evaluations were originally sent by email, unfortunately the email had a virus. Therefore packets were made available at the meeting. Natasha also mentioned that this was the lowest turn out for students and industry both. This year 46 students total attended 11 companies for Shadow Day, 16 of the 46 were MESA high school students. Compared to previous years we've had approximately 100 students (half MEP and half

MESA) with approximately 20 companies. Natasha gave several reasons for the low turn out including: Some large companies have developed their own Shadow Program and therefore are unable to participate in this Shadow Day, the industry is booming and companies cannot afford to take the engineers off majors projects, CE majors were especially hard to recruit - the number of CE majors at the college are down (from 471 in Fall 94 to 252 in Spring 99), dealing with students schedules and finally students with internships and jobs find it hard to take time away from work. The MEP and MESA staff will work next year to improve the numbers for Shadow Day with industry's assistance.

2.

## **VIII SPECIAL PROJECTS COMMITTEE**

### **1. Mentor Program**

With the help of Alumni board members the mentor program is in the matching stages. Currently Industry mentors are needed in Electrical and Civil disciplines. A meeting will be held in February to have everyone meet and interact. If you're interested in becoming a mentor please contact Theresa Garcia at 594-5679 or [tgarcia@mail.sdsu.edu](mailto:tgarcia@mail.sdsu.edu).

## **IX FUNDRAISING COMMITTEE**

### **1. Joint Proposal Update**

Theresa is working with the development director of engineering to tie the MEP/MESA Joint proposal with donations given to the university. Therefore companies will receive the same exposure and benefits as those donating directly the university. The proposal will then be sent out in the Spring semester and will include the academic calendar. Unfortunately the distribution of the Calendar has been delayed because of funding.

## **X OTHER TOPICS**

### **1. Pre-College Presentation**

Chair, Steven Wallace adjourned the meeting at 3:35 pm.

THE NEXT MEETING WILL BE HELD:

DATE: Tuesday, April 8, 2000

TIME: 2:00 pm

SITE: Sony Technology Center

Rancho Bernardo

San Diego, CA