

INDUSTRY ADVISORY BOARD MEETING MINUTES

April 13, 2011

Hosted and Chaired by Brianna Lutes of Infrastructure Engineering Corporation
Vice Chair – Maria Charles of Hamilton Sundstrand

I. Welcome & introductions

The April 13, 2011 San Diego MESA Alliance (SDMA) Industry Advisory Board (IAB) meeting was called to order at 1:13 pm by B. Lutes. B. Lutes thanked those in attendance for coming out to Poway.

Members present

Name	Company	Phone	Email
1. Alvarez, Rafael	San Diego City College MESA	[Redacted]	[Redacted]
2. Bakhiet, Raga	Southwestern College MESA		
3. Charles, Maria	Hamilton Sundstrand		
4. Chavez, Thelma	SDSU Maximizing Sci. Potential		
5. Garcia, Theresa	SDSU MESA Engineering Prog.		
6. Lutes, Brianna	Infrastructure Engineering Corp.		
7. Pamintuan, Eric	SPSD/MESA		
8. Ramos Espino, Jeanette	Imperial Valley MESA		

Guests present

Name	Affiliation	Phone	Email
1. Boydston, David	Southwestern College MESA	[Redacted]	[Redacted]
2. Moore, Jeremy	San Diego City College MESA		
3. Rojas-Colin, Angelica	San Diego City College MESA		
4. Sanchez, Frank	Southwestern College MESA		

II. Review & approval of minutes

A motion to approve the February 9, 2011 meeting minutes was made by M. Charles and seconded by T. Garcia; the minutes were approved with changes.

III. SDMA pipeline spotlight: MESA Community College programs

San Diego City College MESA student J. Moore shared his experiences as a MESA student. He stated that a major benefit of the program is its community building, as he was new to San Diego waiting for residency and now currently lives with two other MESA students.

The Leadership Summit took place on February 11-13th at Indian Hills Camp in Jamul. J. Moore shared that the activities at the Summit focused on ways to work together with people who might be even more headstrong than oneself. By utilizing Strengths Quest, he was able to gain awareness of what tasks he should work on in comparison to his teammates and to minimize conflict. F. Sanchez and D. Boydston stated that interacting with students from high school to community college to university level was a good experience and that utilizing Strengths Quest on a cover letter was a helpful guide. The Leadership Summit overall was a success, with R. Alvarez sharing the results from the overall experience portion of the evaluation. The event hosted one of the largest groups, at 49 attendees, and was at capacity for the campsite.

IV. Focus topic: Continued development

The SDMA directors received additional input on the updated version of the SDMA brochure. This version was shared to legislators at a recent MESA directors meeting held in Sacramento. The target audience is industry/professionals who don't know what MESA or the SDMA is. M. Charles volunteered to be the first

to print approximately 200 copies after R. Alvarez incorporates discussed edits. SDMA will look back to see which other industry representatives volunteered to print copies as well, and ensure all are using the same type paper bonding quality.

V. SDMA upcoming events

- A. Olympics & Robotics Competition** – will be held on Saturday, April 30th, from 9:00 – 2:00 pm, at San Diego City College. Industry volunteers M. Charles and B. Lutes were asked to arrive at 8:30 am as the actual exams will begin at 9:00 am. They will proctor the level 1 and 3 exam, respectively. M. Charles can also possibly donate iTunes gift cards to award as prizes. Textbooks are allowed with the exception of solution manuals and loose notes. R. Alvarez noted that parking permits are not required but there is campus construction. He will post additional logistics via e-mail as applicable.
- B. NSF/MESA Summer Team Internships** – T. Chavez provided an update on behalf of Angeline Yang. The NSF grant allows for a total of 36 students to be funded, 12 from each partner campus. Currently there are 88 student applications. Last summer, 54 students were matched despite only having funding for 36 because 18 internships were fully supported by companies. Next week A. Yang will be sending out resumes to companies and she is also still accepting industry applications. Applications can be found online at <http://alliance.sdccmesa.com>. T. Chavez shared that LSAMP also has a research internship that supplements \$1,000 for 100 hours but only SDSU students are eligible. M. Charles reminded directors that students should send their resumes to temp agencies such as Volt.
- C. End of Year Celebrations**
- **SDSU MEP/MSP** – Graduation & Scholarship Reception will be held at the new Parma Payne Goodall Alumni Center on May 5th from 4:00 – 6:00 pm. Parking permits are not required if parked at Parking Structure 5, Level 1. SDSU is still seeking scholarship funds. Smaller donations can be pooled together to create a larger donation. See e-mail from Natasha Celise for more information.
 - **San Diego City College MESA** – Family Open House & Awards Ceremony will be held at the MESA Center on May 20th at 2:00 pm. M. Charles commented that this date conflicts with the SDSU Engineering & Science graduation.
 - **Southwestern College MESA** – Awards Ceremony will be held at the MSE Building 330 quad on May 6th from 5:00 – 7:30 pm.
 - **San Diego MESA Schools Program** – Awards Banquet & Senior Recognition Ceremony is tentatively set for June 2nd at the Balboa Park Club Ballroom.
 - **Imperial Valley MESA Schools Program** – Admittance Reception will be held at the SDSU Imperial Valley campus on April 28th at 5:00 pm. This celebration is different in years past in that all seniors being admitted regardless of MESA affiliation will be recognized. However, MESA students will receive their graduation sashes.

VI. SDMA past event recaps

- A. Caltrans Training Academy** – San Diego City College MESA student A. Rojas described her day with Caltrans and shared that designing a 6 lane freeway with AutoCAD was difficult. It was her first time using the software besides being introduced to it by B. Lutes of IEC during a past SDMA Shadow Day. At the Traffic Management Center in Kearny Mesa, she was able to see how accidents are responded to and monitor traffic cameras all in real time.
- B. MESA Days Preliminaries** –
- J. Ramos Espino announced that the Imperial Valley MESA students who presented their windmill at the last IAB meeting in February recently won second and third place at the Southern Region Middle School MESA Day that took place on April 2nd at Chapman University. Unfortunately, only first place proceeds to Nationals with concern to the windmill competition. SDG&E again worked with Imperial Valley to get their teams ready for Regionals. San Diego MSP's San Pasqual High School placed second in the High School Regional.

VII. MESA program key updates

- A. SDSU MEP/MSP** – As a result of the MESA Directors meeting in Sacramento and speaking with legislators, Assemblyman Marty Block and his staff have the MESA Olympics & Robotics Competition tentatively on their calendar.
- B. San Diego City College MESA** – and Southwestern College are among the MESA Community College Programs that are participating in California Connects, a national effort to expand access to broadband technology and increase digital literacy in underserved communities. Selected MESA students will receive training to go out into the community and become educators and trainers in digital literacy. D. Boydston, A. Rojas, and F. Sanchez are three of several student trainers involved.
- C. Southwestern College** – Science Opportunity Day was held on March 22nd with all of the STEM clubs from campus and two companies, Goodrich and SPAWAR, in attendance. The event is always the third Tuesday of March as it coincides with Career Week. F. Sanchez is lone recipient of a \$12,000 NSF scholarship from Southwestern College. D. Boydston is currently doing research at SDSU.

VIII. Other topics

- A. IAB agenda building** – M. Charles will confirm if she can host the next IAB meeting on June 8 at her company, Hamilton Sundstrand, to encourage more industry attendance as the location is more central to companies in San Diego compared to Poway. The August IAB meeting will be brought back and will feature student organizations, possibly students from the MESA Olympics & Robotics Competition, and a focus topic of planning discussion.
- B. Company announcements** – None were made.

IX. Adjournment

The formal meeting adjourned at 3:03 pm. Minutes submitted by E. Pamintuan on May 25, 2011.

NEXT MEETING:

Wednesday, June 8, 2011
1:00 – 3:00 pm
Hamilton Sundstrand*
4400 Ruffin Road
San Diego, CA 92123

Please note the June meeting will take place at Hamilton Sundstrand and **not at Infrastructure Engineering Company to encourage industry attendance.*