Lunch (working lunch) and Guest Check-in

Zaheer Ali
Rebecca Corona-Nickerson
Proyag Datta
Amy Grant
Bill Lyons
Phil Mobley
Roslyn Soto

Edel Alonso
Eric Lara
Sab Matsumoto
Joni McMahon
Gaby Mendoza
David Michaels
Jim Wolf
Fernando Villanueva

Introductions and MESA Overview

What is MESA, History, Alumni (Brief for those not in attendance at last IAB)

MESA is a retention and academic enhancement program primarily focused on first-generation, educationally underrepresented STEM students. A few of the services we offer: free faculty and peer tutoring, field trips to S. Cal and N. Cal universities, national conferences and local industry, desktops with AutoCad, Matlab and MiniTab software, professional development workshops etc.

Alumni info updated with Spring 2014 transfers: 455 total FQ transfers (2000-2014), 45% go to UCs, 44% to CSUs. Top three transfer schools are 122 to CSUN, 95 to UCLA and 28 to UC Davis.

Discussion about how the majority of our UC transfers are in the Science field and the majority of our Engineers go to CSUs. It’s not because they do not apply to the UCs, it’s the tough transfer requirements that our students end of going to the CSU. Please see attached for a breakdown of majors by CSU/UC/Priv/OutofState

Current Students data

100 Fully Qualified (FQ), 80 Friends of MESA
22 FQ students earned at least a 3.50 GPA and completed at least 12 units

Fall success numbers

13 Professional Development workshops
22 Faculty providing 29 hours of tutoring
8 peer tutors providing 67 hours of tutoring
Attended 4 National conferences (SHPE X2, HENAAC, UC Davis Pre-Health)
898 textbooks borrowed
8,087 total visits
13,687 total hours

MESA budget (budget attached)

Spent $181,943.00 (excluding Director salary and part of STEM Coordinator salary)
2013-2014 Travel: $21,825.00

Fall 2014 recap and Spring 2015 overview

In-center activities

Conducted workshops on Resume writing, First impression, Math anxiety, Soldering, Allied Health overview and many more...

Conferences and company tours

UC Davis, HENAAC – New Orleans, SHPE – Detroit, JPL and SpaceX

Summer research and internships

Seven students conducted research at CSUN, one student at CSU Long Beach
Internships at: Hamilton 3D, Aerospace Dynamics International (ADI), Cedars Sinai Hospital and Second Sight Medical

Spring 2015

STEM Week (Brochure attached)

http://www.canyons.edu/Offices/MESA/Pages/STEMWeek2015.aspx

Feb. 17-20, 2015, 3PM
A week’s worth of activities to expose my MESA students to the outside STEM profession.
Please see website for detailed information.
Looking for judges for our Rube Goldberg competition, Thursday Feb. 19th at 3PM (email to follow with more details).

Company tour to Mechanix Wear in Valencia (http://www.mechanix.com/)

University Tours: Scheduled: UC Riverside, Feb. 27th

University in MESA Center: UCSD admissions will present in MESA on March 15
Company Tours: Mechanic Wear, NASA Armstrong, NG Palmdale....looking for others anytime after March

End of year transfer celebration, all MESA IAB invited Friday May 15, 5PM.

Suggestions for in center workshops: script language, pearl etc.; scientific journal club (meet once a month and read/review an article from a journal/magazine); STEM related short courses.

MESA Student internship with Second Sight Medical

Open discussion with two MESA Students and Next Steps