WELCOME SANA!

Sana Meghani
Asst. Student Life & Diversity Coordinator
Center Staff

Terrance Mayes
Director

Gennie Miranda
Assistant Director/Retention Coordinator

Melinda Beyerle
Student Life & Diversity Coordinator

Sana Meghani
Asst. Student Life & Diversity Coordinator

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John Brooks and Ida Bernice Slaughter

Summer PrEP
September 1-4, 2011

IDEA Student Center
UC San Diego Jacobs School of Engineering
## Summer PrEP 2011 Evaluation

The following is a comparison between the survey conducted at the beginning and end of the program:

<table>
<thead>
<tr>
<th>Statement</th>
<th>Pre-Survey AVG*</th>
<th>Post-Survey AVG*</th>
<th>Difference (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>I know other students in my major and feel part of the academic learning community at UCSD.</td>
<td>3.5</td>
<td>4.5</td>
<td>28.6%</td>
</tr>
<tr>
<td>I am aware of campus resources such as the Math lab, computer lab in my department, etc.</td>
<td>2.6</td>
<td>3.9</td>
<td>50%</td>
</tr>
<tr>
<td>I am aware of resources within the Jacobs School such as tutoring, mentoring, etc.</td>
<td>3.8</td>
<td>4.5</td>
<td>18.4%</td>
</tr>
<tr>
<td>I effectively manage the various aspects of my personal life such as interactions with my family and friends, and outside workload.</td>
<td>4.3</td>
<td>4.0</td>
<td>-6.98%</td>
</tr>
<tr>
<td>I recognize the importance of goal setting and I have clear academic goals.</td>
<td>4.3</td>
<td>4.7</td>
<td>9.30%</td>
</tr>
<tr>
<td>I would give myself an A+ on the amount of time and energy I devote to my studies.</td>
<td>4.0</td>
<td>4.0</td>
<td>--</td>
</tr>
<tr>
<td>I feel I know what an engineer does.</td>
<td>3.5</td>
<td>4.2</td>
<td>20%</td>
</tr>
<tr>
<td>Studying in a group is better than studying by myself.</td>
<td>3.8</td>
<td>3.9</td>
<td>2.63%</td>
</tr>
<tr>
<td>I need to spend more time studying than I currently do.</td>
<td>3.9</td>
<td>4.1</td>
<td>5.13%</td>
</tr>
<tr>
<td>I prefer studying/working alone.</td>
<td>3.4</td>
<td>3.3</td>
<td>-2.94%</td>
</tr>
<tr>
<td>I am confident about my current study habits or routine.</td>
<td>3.1</td>
<td>3.3</td>
<td>6.45%</td>
</tr>
<tr>
<td>I am confident that I will succeed in engineering study.</td>
<td>4.2</td>
<td>4.5</td>
<td>7.14%</td>
</tr>
<tr>
<td>I prefer to solve difficulties on my own, without seeking help from others.</td>
<td>2.9</td>
<td>2.5</td>
<td>-13.8%</td>
</tr>
<tr>
<td>I am certain that I want to graduate in engineering.</td>
<td>4.8</td>
<td>4.9</td>
<td>2.08%</td>
</tr>
<tr>
<td>I am certain that I will be able to graduate in engineering.</td>
<td>4.6</td>
<td>4.7</td>
<td>2.17%</td>
</tr>
<tr>
<td>I plan to join a student engineering organization.</td>
<td>4.6</td>
<td>4.8</td>
<td>4.35%</td>
</tr>
</tbody>
</table>

*NOTE: Averages were based on a rating scale of 5.
Official Opening Celebration
October 14th, 2011 – Jacobs Hall Lobby
Diversity Orgs Leadership Retreat

September 21st, 2011
# Professional Evening with Industry
November 15th, 2011

<table>
<thead>
<tr>
<th>Year</th>
<th>COMPANIES</th>
<th>RETURNING COMPANIES</th>
<th>STUDENTS</th>
<th>KEYNOTE SPEAKERS</th>
</tr>
</thead>
<tbody>
<tr>
<td>2009</td>
<td>9</td>
<td>N/A</td>
<td>120</td>
<td>Alex Butnareanu, Cisco</td>
</tr>
<tr>
<td>2010</td>
<td>12</td>
<td>5</td>
<td>153</td>
<td>Alex Butnareanu, Cisco, Alejandra Vasquez, Northrop Grumman</td>
</tr>
<tr>
<td>2011</td>
<td>20</td>
<td>10</td>
<td>225</td>
<td>Florentino Idosor, BOEING, Dawn Mattoon, Life Technologies</td>
</tr>
</tbody>
</table>
K-14 OUTREACH

Recent Activities

Knox Middle School
Johnson Elementary
Seismic Outreach
Engineering Explorations
Mira Costa Community College
EnVision

*New Website*
idea.ucsd.edu/outreach
GEM Grad Lab

October 22, 2011

40+ Prospective Grads
8 faculty members
6 graduate students
Orientation to Engineering Course

Recent Enrollments

• 225 ENG 1 (Fall 2011)
• 116 ENG 2 (Winter 2012)
• Approx 48% URM

Guest Speakers:
Bill James, Avery James inc.
Jim Rohr – SPAWAR
Michelle Bailey – Northrop Grumman
JUMP
Jacobs Undergraduate Mentoring Program

- 2 large group meetings per quarter
- Small group meeting every other week
- Company tours at NTREPID and L-3
- Alumni Mentors matched with FA11 groups
- Talk by a Walt Disney Imagineer

<table>
<thead>
<tr>
<th>Total</th>
<th>119</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male</td>
<td>55.5%</td>
</tr>
<tr>
<td>Female</td>
<td>44.5%</td>
</tr>
<tr>
<td>BENG</td>
<td>18.5%</td>
</tr>
<tr>
<td>CSE</td>
<td>16.8%</td>
</tr>
<tr>
<td>ECE</td>
<td>10.1%</td>
</tr>
<tr>
<td>MAE</td>
<td>31.1%</td>
</tr>
<tr>
<td>NANO</td>
<td>9.2%</td>
</tr>
<tr>
<td>SE</td>
<td>12.6%</td>
</tr>
<tr>
<td>URM (WI12)</td>
<td>66.1%</td>
</tr>
<tr>
<td>URM (FA11, Freshmen only)</td>
<td>61.5%</td>
</tr>
</tbody>
</table>
Goal: Create a community where undergraduate Engineering students at the Jacobs School can access tutoring, discussion and study groups, to help them excel in their classes.

Tutoring is being offered in these courses for WI12:
• CSE 8A/B, 11, 20, 21, 30, 100, 101, 105, 107, 130, 140, 141
• ECE 15, 25, 30, 35, 45
• MAE 8, 9
• MATH 20A/B/C/D/E/F
• PHYS 2A/B
• MATLAB
Upcoming Activities
Black History Month Events
jacobssschool.ucsd.edu/bhm2012

**Student to CEO: Lessons Learned**
Sponsored by the Gordon Engineering Leadership Center
Dr. Randal Pinkett
February 27th, 2012
5pm-7pm
Qualcomm Conference Center

**Research and the Black Experience**
Dr. Todd Coleman and other UCSD Faculty
February 29th, 2012
Noon-3:30pm
Price Center West - Thurgood Marshall

Dr. Randall Pinkett, a proven engineering leader and entrepreneur, will share his expertise on how he went from an engineering student to launching multi-million dollar businesses.

Six African-American UCSD professors discuss their research and it’s impact on the Black community. Hosted by the Black Graduate Student Association, Office of Grad Studies and the IDEA Student Center.
URM Recruitment
Breakfast with the Deans

Hosted by NSBE and SHPE. Over 100 attendees, 74% yield

April 7th, 2012 8am-10am
Mark Your Calendar

Outreach
• MESA Day, 2/2/12
• UC LEADS, 2/4/12
• Lincoln HS Career Day, 2/6/12
• Knox Middle, 2/8/12
• Enspire, 2/22/12
• San Diego Science & Engineering Festival, 3/24/12

Other Activities
• DECaF, 2/24/12
• NSBE National Convention, 3/28/12
• SHPE Regional Conference, 4/1/12
• Admit Day and URM Breakfast with the Deans, 4/7/12
• EUREKA, 4/11/12
• Transfer Admit Day, 5/12/12
• Family Day, 6/2/12
• Summer PrEP, 7/31/12-8/4/12
Executive Advisory Committee

Lelli Van Den Einde, Chair
SE Faculty

Pedro Cabrales
BE Faculty

Jennifer Cha
NE Faculty

Tara Javidi
ECE Faculty

Farhat Beg
MAE Faculty

CK Cheng
CSE Faculty

Ebonee Williams
Gordon Center/NE Faculty

Carlos Coimbra
MAE Faculty

Todd Coleman
BE Faculty

Gary Cottrell
CSE faculty