

Chairs' & Center Directors' Meeting Minutes

Date: August 15, 2011 (12:00 to 2:00 pm)
Location: EBU II – Room 443
Attendees: Abbaschian, Reza
Balandin, Alex
Barth, Matt
Bhanu, Bir
Bhuyan, Laxmi
Davidson, Don
Haddon, Robert
Hartney, Pat
Matsumoto, Mark
Najjar, Walid
Parker, Linda
Payne, Tom
Rodgers, Victor
Schultz, Jerry
Stahovich, Tom
Walker, Sharon (for Nosang Myung)
Wang, Albert

Absent: Boretz, Mitch
Farrell, Jay
Myung, Nosang
Ravi
Xu, Daniel

The agenda for the meeting is shown in Appendix 1.

1. Welcome and call for agenda items - Reza

Linda added the topic of Senior Design projects to the agenda.

Reza stated that Jerry has stepped down as Chair of Bioengineering effective 9/1/11. He thanked Jerry for his efforts in establishing BIEN's graduate program and for developing a strategic vision for the department.

Reza announced that Victor Rodgers has been named to succeed Jerry as Bioengineering Chair. Jerry will remain as Director of the Center for Bioengineering.

Reza noted that the next Chairs/Directors meeting is scheduled for September 26th but may have to be postponed to September 30th due to a possible conflict with the visit of a Chinese dignitary on 9/26.

2. Approval of Minutes - Pat

The minutes of the July 25th Chairs/Directors meeting were unanimously approved.

3. MSE Building - Pat

Pat reported that the campus expects the roof of the MSE Building's lab wing will be repaired by the end of September 2011. This schedule assumes there are no rain delay days in September. Reza will schedule a meeting with BIEN and MSE Chairs to discuss a move-in schedule and room assignments in MSE. Instructional labs could be moved into the MSE Building between the Fall and Winter terms. The opening ceremony for the MSE Building may be held early next year.

4. Faculty Hires - Reza

Reza reminded Chairs that he needs departmental faculty hire input in order to respond to the EVCP's request for faculty hiring plans by 9/2/11. Since Reza will be on leave starting 8/26, he requested that this input be sent to him by 8/25. Departmental input should relate to UCR and BCOE strategic plans. Departments can request several hires. Reza hopes that at least 2-3 hires per department will be approved by the EVCP. Each department should include at least one MSE hire. In response to a question, Reza noted that requests to hire senior level faculty (with exceptional qualifications) can also be submitted by departments.

5. Staff Merit Increase - Pat

Pat announced that UC is finalizing a merit program for non-represented staff members. These staff members have not had an increase in three years. The average increase would be 3% and would need to be funded by each unit (i.e., another unfunded mandate). The (retroactive) effective date will be 7/1/11. Only employees that have FY 10/11 Performance Evaluations on file will be eligible for these merits. More information will be provided to BCOE FAOs and MSOs at a Monday (8/22) meeting. Reza added that a merit plan for academic titles will also be implemented this year.

6. Undergraduate Education - Ravi

Ravi was unavailable for this meeting but Mark distributed a 3-year summary of applications, admits, acceptances and enrolled undergraduate students by BCOE department/program. It was noted there was a significant increase in Freshmen in Fall 2010. Excluding this anomalous year, BCOE Freshmen enrollment increased slightly between Fall 2008 and Fall 2011. Also, it was noted that Transfer student acceptances had increased significantly over the last 3 years (from 38 in Fall 2008 to 82 in Fall 2011). Reza noted that the quality of BCOE Freshmen had increased this year due to an increase in BCOE's minimum AIS score threshold (to 900). BCOE is trying to obtain more data on undergraduate applicants such as which math and science courses they've taken in high school.

7. Graduate Education – Mark

Mark distributed a comparison of the status of PhD and MS student applications, offers, SIRs, etc. between FY 10/11 and FY 11/12 by BCOE department/program. He noted that there are 146 BCOE grad student SIRs this year compared to BCOE's target of 173. Mark will be requesting grad student targets for next year from BCOE departments/programs. Also, he announced that the Grad Division's experiment that provided \$5K in fellowship funding to CSE for each self-supporting MS student enrolled will be expanded to the rest of BCOE this year. Lastly, UCR has NSF LSAMP (Louis Stokes Alliances for Minority Participation) funding that could be used to support under-represented PhD students in BCOE. Mark noted that GEM funding could also be available for these students.

8. NASA Opportunity – Mark

Mark noted the email from NASA's Exploration Systems Mission Directorate attached to the agenda. NASA is soliciting 1,200 word proposals for senior design projects. The deadline for these proposals is 9/6/11. Funding will be limited to \$5K per project.

On a related subject, Linda announced that she is developing an industry sponsored program for senior design projects in BCOE. She distributed an overview of the program and a draft Senior Design Project Proposal form. The program would match company-defined projects with departments. \$10K would be provided by each company. This proposed program is based on similar programs at other universities and UC campuses. It was suggested that Linda include an FAQ in the documentation sent to companies. Tom S. has guidelines that ME provides to companies that have supported its senior design projects. Laxmi noted that Intel is providing \$30K this year for CSE senior design projects. It was suggested to Linda that a name be developed for this program. Linda will send emails to department Chairs requesting contact information for their senior design instructors.

9. US World News Contacts – Mark

Mark noted BCOE's current list of US News and World Report contact names attached to the agenda. BCOE needs to provide an updated list of 10 names of industry contacts. These contacts should be supervisors of BCOE graduates who can compare their performance to graduates of other engineering colleges. Mark requested that each Chair send him 2-3 names by 8/22/11. Mark will assemble the final list of 10 names. The final list will be representative of each department/program and industry.

10. Strategic Initiative – Reza

Reza reported that he received 22 Strategic Initiative proposals that totaled to \$2M. He expects that around six proposals will be funded but they will need revised budgets. He was impressed with the number and quality of these proposals. It was noted that several proposals have collaborators in other UCR colleges or organizations.

11. Other Matters

In response to a request from VCR Charles Louis, Mark asked if any department was anticipating submitting a DURIP proposal this year. Mark will forward a copy of the VCR's message to Chairs and Directors.

In response to a question, Reza announced that the Dean's Office will be scheduling an orientation for new BCOE faculty. BCOE's orientation will occur sometime after UCR's new faculty orientation event on 9/21/11.

In response to a question, Reza stated that although BCOE's Academic Personnel Office has lost one staff member, it will still be able to process all faculty merit and promotion files as long as internal deadlines are met by departments. CAP has indicated that they will no longer accept files after their deadlines so we no longer have the ability to submit files late to CAP.

Lastly, Mark noted that new BCOE faculty should be put on eFile but existing BCOE faculty should stay on ARS (unless they've already been migrated to eFile). Data mapping issues need to be resolved by C&C before more BCOE faculty files can be migrated to eFile.



Chairs' & Center Directors' Meeting

August 15, 2011

Agenda

Engineering Building Unit II – Room 443

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|-----|---|------|
| 1. | Welcome - Request for Agenda Items from the Floor | Reza |
| 2. | Approval of Minutes from July 25, 2011 Meeting | Pat |
| 3. | MSE Building | Pat |
| 4. | Faculty Hires | Reza |
| 5. | Staff Merit Increase | Pat |
| 6. | Undergraduate Education | Ravi |
| 7. | Graduate Education | Mark |
| 8. | NASA Opportunity | Mark |
| 9. | US World News Contacts | Mark |
| 10. | Strategic Initiative | Reza |
| 11. | Other Matters | |

The next scheduled meeting will be

Monday – September 26, 2011

Please note: Meetings will be held in EBU II – Room 443

From: tlazzouni@eng.ucsd.edu [mailto:tlazzouni@eng.ucsd.edu] **On Behalf Of** Tehseen Lazzouni

Sent: Monday, August 08, 2011 1:43 PM

To: Lazzouni, Tehseen U.

Subject: Fwd: ESMD Space Grant Senior Design Project Request Call

Dear Colleagues,

You have the opportunity to apply for NASA Exploration Systems Mission Directorate (ESMD) funds to support a senior design project for Academic Year 2011-2012. A total of approximately \$140,000 annually is available for this ESMD Educational activity. Although there is not an upper limit to the amount of funds that a single design project may request, it is anticipated that most requests will be in the range of \$5,000 or less.

Projects must be from the ESMD Senior Design Project List:

http://education.ksc.nasa.gov/esmdspacegrant/Sr_Design.htm. For more details, and to apply, please visit the [ESMD Space Grant Senior Design Project Funding Application](#).

Please share this announcement with colleagues on your campuses.

Best Wishes,

Tehseen

----- Forwarded message -----

From: **Mark Fischer** <fischer@spacegrant.org>

Date: Mon, Aug 8, 2011 at 1:02 PM

Subject: [SG Coordinators] ESMD Space Grant Senior Design Project Request Call - For Distribution to Affiliates

Dear Space Grant Consortia,

This call is for ESMD Senior Design Projects, including Lunabotics Mining Competition Projects. Click on this link to request NASA's ESMD Senior Design Projects and funds: [ESMD Space Grant Senior Design Project Funding Application](#)

The endorsement due date for the first round of selections is **September 6, 2011 at 8:00 a.m. Eastern** and the recipients will be notified by September 16, 2011. If funding is available, additional application rounds will be conducted.

The factors considered for a project's approval will include:

- Endorsement by your state based Space Grant office
- Amount requested for each project – not specifically limited but intended to be spread across many projects.
- Number of requests from each state – not specifically limited but intended to be spread across the nation.

- The NASA Technical Expert's availability.

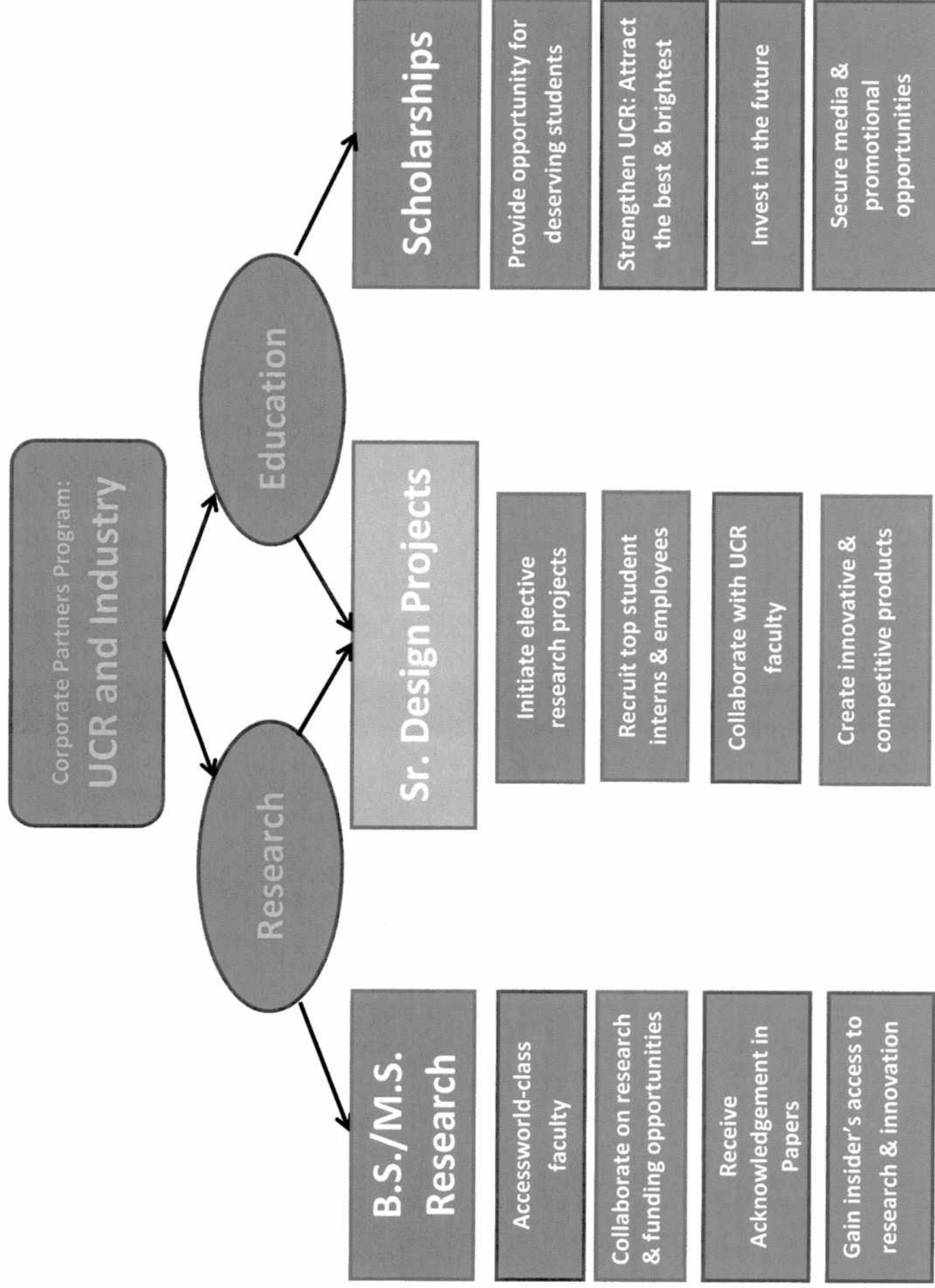
Funding for these opportunities are provided by the ESMD Space Grant Program at NASA/KSC through the National Space Grant Foundation. Thank you for your support of the ESMD Space Grant Educational Project!

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Mark Fischer
Executive Director
National Space Grant Foundation
4500 Williams Drive MS 212-325
Georgetown, TX 78633
512-869-3343
202-536-3089 (fax)
<http://www.spacegrant.org/>

or

National Space Grant Foundation
101 Constitution Avenue NW, Suite 650 East
Washington DC 20001-2133
202-536-3030





Senior Design Project Proposal Form

Company Name: _____

Address Line 1: _____

Address Line2: _____

City: _____ State: _____ Zip: _____

Contact Information

First Name: _____ Last Name: _____

Title: _____

Phone: _____ Email: _____ Fax: _____

Project Description

Title of Project: _____

Background: _____

Objectives: _____

Skills Required: _____

CONTACTS SUBMITTED SUMMER 2010

IMPORTANT NOTE

To print out this table properly you must make sure that your print box properties are set to print pages in landscape format. If you do not know how to do this, call the Computer Help Desk at your own institution. The precise steps you must follow vary depending on the browser and the brand and model of the printer you are using.

Num	Title	Name	Position	Firm	Address	City, State, Zip	Phone	Email
1	Mr.	Gordon Bourns	Chairman and CEO	Bourns, Inc.	1200 Columbia Avenue	Riverside, CA 92507	(951) 781-5606	gordon.bourns@bourns.com
2	Mr.	Ben Overall	MEC Division Director	Northrop Grumman Corporation	862 Hospitality Lane, SBCA 1-3184	San Bernardino, CA 92408	(909) 382-6328	ben.overall@ngc.com
3	Mr.	Arman Hovakemian	Head, Measurement Science Department	Naval Surface Warfare Center	P.O. Box 5000	Corona, CA 92878-5000	(951) 273-5221	arman.hovakemian@nswc.navy.mil
4	Mr.	Matt Chludzinski	Director, Coronary Catheter & Guide Wire	Abbott Vascular	4188 Motor Car Parkway	Temecula, CA 92507	(951) 914-2071	
5	Mr.	Brian Hawley	Chairman and CTO	LUMINEX Software, Inc.	871 Marlborough Avenue	Riverside, CA 92507	(951) 781-4100 x112	
6	Mr.	Wallace Brithinee	President	Brithinee Electric	620 South Rancho Avenue	Colton, CA 92324	(909) 825-6312	wallace.brithinee@ma.com
7	Mr.	Ken Carlisle	Vice President	Abbott Vascular	4188 Motor Car Parkway	Temecula, CA 92591	(951) 914-2071	
8	Mr.	Brian Bender	President	Jet Head Development, Inc.	5411 Avenida Encinas, Suite 110	Carlsbad, CA 92008	(760) 918-1816 x111	
9	Mr.	Robert Brown	Director, Vehicle Environmental Engineering	Ford Motor Inc.	One American Road, World Hqtrs, Room 318	Dearborn, MI 48126	(313) 594-2493	rbrown8@ford.com
10	Ms.	Camie Hackson	Engineering Manager	Google	1600 Amphitheater Parkway	Mountain View, CA 94043	(650) 253-8895	camie@google.com

Summary of College
April 1 - Fall 2011

Fall 2010 vs Fall 2011

Summary

	Fail 2010	Fail 2011	# DIFF.	% DIFF.	Fail 2010	Fail 2011	# DIFF.	% DIFF.	Fail 2010	Fail 2011	# DIFF.	% DIFF.
Bioengineering	931	333	-598	-64.2%	1,080	419	-661	-61.2%	160	81	-79	-49.4%
Bioengineering BS/MS	249	215	-34	-13.7%	59	53	-6	-10.2%	2	2	0	0.0%
Bio Informatics	60	102	22	27.5%	72	59	-13	-18.1%	22	10	-12	-54.5%
Chemical Eng	504	284	-220	-43.7%	525	290	-235	-44.8%	73	45	-28	-38.4%
Chem Eng BS/MS	112	80	-32	-28.6%	21	18	-3	-14.3%	2	1	-1	-50.0%
Computer Eng	579	346	-233	-40.2%	452	333	-119	-26.3%	108	61	-27	-25.0%
Computer Eng BS/MS	0	289	289	n/a	0	36	36	n/a	0	2	2	n/a
Computer Systems	450	369	-42	-9.6%	521	422	-99	-19.0%	106	62	-24	-22.6%
Comp Sys BS/MS	265	235	-36	-13.6%	34	33	-1	-2.9%	2	0	-2	-100.0%
Electrical Eng	557	352	-205	-36.8%	638	363	-275	-43.1%	93	62	-31	-33.3%
Electrical Eng BS/MS	185	139	-44	-24.0%	22	18	-4	-18.2%	5	0	-5	-100.0%
Engineering Office	0	0	0	n/a	0	0	0	n/a	0	0	0	n/a
Engineering (Pier)	0	0	0	n/a	0	63	63	n/a	0	0	0	n/a
Environmental Eng	174	194	20	11.5%	228	201	-27	-11.8%	59	40	-19	-32.2%
Env Eng BS/MS	144	89	-55	-38.2%	19	9	-10	-52.6%	3	2	-1	-33.3%
Information Sys	0	0	0	n/a	0	0	0	n/a	0	0	0	n/a
Industrial	0	0	0	n/a	0	0	0	n/a	0	0	0	n/a
Materials and Eng	301	123	-178	-59.1%	296	103	-193	-65.2%	23	5	-18	-78.3%
Mathematical Eng	384	395	11	1.2%	1,070	853	-217	-20.3%	183	144	-39	-21.3%
Mech Eng BS/MS	404	323	-78	-19.3%	40	29	-11	-27.5%	4	2	-2	-50.0%
	5,757	4,384	-1,113	-24.4%	5,077	3,322	-1,755	-34.6%	845	585	-260	-30.8%
									705	452	-253	-35.9%

COMPARISON OF COLLEGE
- April 1 - Fall 2011 -

Fall 2010 vs Fall 2011

170055

	Fall 2010	Fall 2011	# DIFF.	% DIFF.	Fall 2010	Fall 2011	# DIFF.	% DIFF.	Fall 2010	Fall 2011	# DIFF.	% DIFF.	Fall 2010	Fall 2011	# DIFF.	% DIFF.
Biotechnology	69	81	12	17.4%	44	36	-8	-18.2%	10	9	-1	-10.0%	0	0	0	n/a
Electrical Eng BS+MS	0	0	15	n/a	0	0	0	n/a	0	0	0	n/a	0	0	0	n/a
Eng. Informaties	22	15	83	377.3%	3	4	1	33.3%	2	2	0	0.0%	0	0	0	n/a
Chemical Eng	82	105	-3	-3.7%	45	63	18	40.0%	5	13	8	160.0%	0	0	0	n/a
Chem Eng BS+MS	0	0	181	n/a	0	0	0	n/a	0	0	0	n/a	0	0	0	n/a
Computer Eng	61	79	108	177.0%	14	27	13	92.9%	4	7	3	75.0%	0	0	0	n/a
Computer Eng BS+MS	0	0	38	n/a	0	0	0	n/a	0	0	0	n/a	0	0	0	n/a
Computer Science	123	181	-120	-97.6%	32	51	19	59.4%	6	13	7	116.7%	0	0	0	n/a
Comp Sci BS+MS	0	0	21	n/a	0	0	0	n/a	0	0	0	n/a	0	0	0	n/a
Electrical Eng	99	109	140	141.4%	38	75	37	97.4%	7	13	6	85.7%	0	0	0	n/a
Electrical Eng BS+MS	0	0	0	n/a	0	0	0	n/a	0	0	0	n/a	0	0	0	n/a
Engineering Other	0	0	931	n/a	0	0	0	n/a	0	0	0	n/a	0	0	0	n/a
Engineering (Pac)	0	0	0	n/a	0	0	0	n/a	0	0	0	n/a	0	0	0	n/a
Environmental Eng	38	33	-38	-100.0%	14	14	0	0.0%	6	4	-2	-33.3%	0	0	0	n/a
Enviro. Eng BS+MS	0	0	+14	n/a	0	0	0	n/a	0	0	0	n/a	0	0	0	n/a
Information Sys	0	0	215	n/a	0	0	0	n/a	0	0	0	n/a	0	0	0	n/a
Industrial	7	3	110	1571.4%	7	2	-5	-71.4%	6	2	-4	-66.7%	0	0	0	n/a
Materials Eng	11	21	378	3456.4%	5	16	11	220.0%	1	2	1	100.0%	0	0	0	n/a
Mechanical Eng	143	239	-63	-44.1%	53	99	46	86.8%	10	22	12	120.0%	0	0	0	n/a
Mech Eng BS+MS	0	0	0	n/a	0	0	0	n/a	0	0	0	n/a	0	0	0	n/a
Total	635	931	276	+42.1%	255	388	133	+52.2%	57	88	31	+54.4%	0	0	0	n/a

SUMMARY OF COLLEGES
- April 1 - Fall 2011 -

Fall 2010 - Fall 2011

YACOS

	Fall 2010	Fall 2011	# DIFF.	% DIFF.	Fall 2010	Fall 2011	# DIFF.	% DIFF.	Fall 2010	Fall 2011	# DIFF.	% DIFF.	Fall 2010	Fall 2011	# DIFF.	% DIFF.
Bioengineering	1,000	414	-586	-58.6%	1,124	455	-669	-59.5%	170	90	-80	-47.1%	137	69	-68	-49.6%
Bioengineering BS+MS	249	215	-34	-13.7%	59	53	-6	-10.2%	2	2	0	0.0%	2	2	0	0.0%
Bus. Informatics	102	117	15	14.7%	75	63	-12	-16.0%	24	12	-12	-50.0%	20	4	-16	-80.0%
Chemical Egr.	586	359	-197	-33.6%	570	353	-217	-38.1%	78	58	-20	-25.6%	58	32	-26	-44.8%
Chem. Egr. BS+MS	112	80	-32	-28.6%	21	18	-3	-14.3%	2	1	-1	-50.0%	1	1	0	0.0%
Computer Egr.	640	425	-215	-33.6%	466	360	-106	-22.7%	112	88	-24	-21.4%	86	53	-33	-38.0%
Computer Egr. BS+MS	0	289	289	n/a	0	36	36	n/a	0	2	2	n/a	0	2	2	n/a
Computer Science	553	569	16	2.9%	553	473	-80	-14.5%	112	95	-17	-15.2%	89	59	-30	-33.7%
Comp. Sci. BS+MS	265	229	-36	-13.6%	34	33	-1	-2.9%	2	0	-2	-100.0%	2	0	-2	-100.0%
Electrical Egr.	656	521	-135	-20.6%	676	438	-238	-35.2%	100	75	-25	-25.0%	76	48	-28	-36.8%
Electrical Egr. BS+MS	183	139	-44	-24.0%	22	18	-4	-18.2%	5	0	-5	-100.0%	5	0	-5	-100.0%
Engineering, Other	0	0	0	n/a	0	0	0	n/a	0	0	0	n/a	0	0	0	n/a
Engineering (Pre)	0	0	0	n/a	0	84	84	n/a	0	27	27	n/a	0	20	20	n/a
Environmental Egr.	212	232	20	9.4%	242	215	-27	-11.2%	65	44	-21	-32.3%	50	31	-19	-38.0%
Enviro. Egr. BS+MS	144	89	-55	-38.2%	19	9	-10	-52.6%	3	2	-1	-33.3%	2	2	0	0.0%
Information Sys.	0	0	0	n/a	0	0	0	n/a	0	0	0	n/a	0	0	0	n/a
Unlimited	7	3	-4	-57.1%	7	2	-5	-71.4%	6	2	-4	-66.7%	0	0	0	n/a
Water Resources & Eng.	312	144	-168	-53.8%	301	119	-182	-60.5%	24	7	-17	-70.8%	22	3	-19	-86.4%
Biomechanical Egr.	1,027	1,134	107	10.4%	1,123	952	-171	-15.2%	193	166	-27	-14.0%	153	122	-31	-20.3%
Biomech. Egr. BS+MS	404	326	-78	-19.3%	40	29	-11	-27.5%	4	2	-2	-50.0%	2	2	0	0.0%
	6,452	5,315	-1,137	-17.6%	5,332	3,710	-1,622	-30.4%	902	673	-229	-25.4%	705	452	-253	-35.9%

BCOE RECRUITMENT STATUS AND COMPARISON

8/15/2011

Program			BIEN	CEE	CPSC	ELEN	MSE	MCEN	BCOE
PHD	Target	2010-11	15	17	25	32	8	6	103
		2011-12	15	16	20	32	8	10	101
	Applications	2010-11	63	144	227	244	59	67	804
		2011-12	61	130	251	229	67	59	797
	Offers	2010-11	26	53	50	53	15	12	209
		2011-12	25	33	57	42	13	9	179
	SIR	2010-11	11	28	22	29	8	7	105
		2011-12	13	11	27	15	7	8	81
	Decline	2010-11	15	25	28	24	7	5	104
		2011-12	12	22	30	26	6	1	97
	Pending	2010-11	0	0	0	0	0	0	0
		2011-12	0	0	0	1	0	0	1
	In Process	2010-11	0	0	0	0	2	0	2
		2011-12	2	1	0	1	1	0	5
MS	Target	2010-11	5	3	20	13	2	4	47
		2011-12	20	5	15	13	4	15	72
	Applications	2010-11	40	55	211	207	11	49	573
		2011-12	67	70	254	281	35	78	785
	Offers	2010-11	16	23	64	34	2	13	152
		2011-12	28	14	70	49	9	19	189
	SIR	2010-11	12	7	22	10	0	8	59
		2011-12	12	2	26	10	5	10	65
	Decline	2010-11	4	16	42	24	2	5	93
		2011-12	16	12	44	39	3	8	122
	Pending	2010-11	0	0	0	0	0	0	0
		2011-12	0	0	0	0	1	1	2
	In Process	2010-11	0	0	0	1	0	0	1
		2011-12	1	0	1	1	0	0	3
PHD	SIR/Target, %	2010-11	73%	165%	88%	91%	100%	117%	102%
		2011-12	87%	69%	135%	47%	88%	80%	80%
MS	SIR/Target, %	2010-11	240%	233%	110%	77%	0%	200%	126%
		2011-12	60%	40%	173%	77%	125%	67%	90%
ALL	SIR/Target, %	2010-11	115%	175%	98%	87%	80%	150%	109%
		2011-12	71%	62%	151%	56%	100%	72%	84%

COLLEGE OF ENGINEERING FRESHMAN

Major	Applications				Admitted				Accepted				Enrolled			
	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2008	Fall 2009	Fall 2010	Fall 2011
Bioengineering	399	499	1180	548	385	472	1141	473	84	80	164	84	74	65	182	79
BS	399	499	931	333	385	472	1082	420	84	80	162	82	74	65	160	77
BS + MS			249	215		0	59	53		0	2	2		0	2	2
Business Informatics	65	67	80	102	56	47	72	60	7	11	22	11	7	10	22	8
Chemical Engineering	322	407	616	364	283	368	547	309	38	62	76	47	32	51	75	41
BS	322	307	504	284	283	350	526	291	38	60	74	46	32	49	74	40
BS + MS		100	112	80	0	18	21	18		2	2	1		2	1	1
Computer Engineering	572	547	579	635	446	450	454	367	113	79	109	81	100	68	107	74
BS	572	547	579	346	446	450	454	331	113	79	109	79	100	68	107	72
BS + MS				289				36	0	0	0	2		0	0	2
Computer Science	541	657	695	617	439	538	551	459	85	75	103	83	73	64	103	76
BS	541	414	430	388	439	498	517	426	85	74	101	83	73	63	101	76
BS + MS		243	265	229		40	34	33		1	2	0		1	2	0
Electrical Engineering	433	500	740	491	364	435	658	379	59	61	97	60	54	51	96	57
BS	433	500	557	352	364	435	636	361	59	61	92	60	54	51	91	57
BS + MS			183	139		0	22	18		0	5	0		0	5	0
Environmental Engineering	140	280	318	283	133	244	246	212	36	50	60	44	35	43	60	41
BS	140	168	174	194	133	228	226	203	36	49	56	42	35	42	56	39
BS + MS		112	144	89		16	20	9		1	4	2		1	4	2
Material Science & Engineering	317	319	301	123	291	312	294	103	18	15	21	5	15	12	21	5
Mechanical Engineering	909	1119	1288	1220	839	978	1113	882	173	140	192	146	152	113	191	142
BS	909	776	884	894	839	940	1073	853	173	134	188	144	152	108	187	140
BS + MS		343	404	326		38	40	29		6	4	2		5	4	2
Pre-Engineering				0				83				26				25
TOTAL FRESHMAN	3698	4395	5797	4383	3236	3844	5076	3327	613	573	844	587	542	477	837	548

COLLEGE OF ENGINEERING TRANSFER

Major	Applications				Admitted				Accepted				Enrolled			
	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2008	Fall 2009	Fall 2010	Fall 2011
Bioengineering	42	62	69	81	23	35	44	36	5	8	10	8	0	0	0	0
Business Informatics	15	13	22	15	2	1	3	4	1	1	2	2	0	0	0	0
Chemical Engineering	39	43	82	105	22	28	45	63	5	7	5	13	0	0	0	0
Computer Engineering	31	38	61	79	14	12	14	27	3	0	4	7	0	0	0	0
Computer Science	87	103	123	181	39	28	32	51	6	6	6	11	0	0	0	0
Electrical Engineering	76	79	99	169	37	33	38	75	8	12	7	13	0	0	0	0
Environmental Engineering	10	22	38	38	4	8	14	14	1	3	6	4	0	0	0	0
Limited Student	1	0	1	1	0	0	1	1	0	0	0	1	0	0	0	0
Material Science & Engineering	9	9	11	21	6	3	5	16	0	1	1	2	0	0	0	0
Mechanical Engineering	105	133	143	239	54	61	53	99	9	7	10	21	0	0	0	0
TOTAL TRANSFER	415	502	649	929	201	209	249	386	38	45	51	82	0	0	0	0

COLLEGE OF ENGINEERING TOTAL

Major	Applications				Admitted				Accepted				Enrolled			
	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Fall 2008	Fall 2009	Fall 2010	Fall 2011
Bioengineering	441	561	1249	629	408	507	1185	509	89	88	174	92	74	65	162	79
Business Informatics	80	80	102	117	58	48	75	64	8	12	24	13	7	10	22	8
Chemical Engineering	361	450	698	469	305	396	592	372	116	69	81	60	32	51	75	41
Computer Engineering	603	585	640	714	460	462	468	394	91	79	113	88	100	68	107	74
Computer Science	628	760	818	798	478	566	583	510	91	81	109	94	73	64	103	76
Electrical Engineering	509	579	839	660	401	468	696	454	67	73	104	73	54	51	96	57
Environmental Engineering	150	302	356	321	137	252	260	226	37	53	66	48	35	43	60	41
Limited Student	1	0	1	1	0	0	1	1	0	0	0	1	0	0	0	0
Material Science & Engineering	326	328	312	144	297	315	299	119	18	16	22	7	15	12	21	5
Mechanical Engineering	1014	1252	1431	1459	893	1039	1166	981	182	147	202	167	152	113	191	142
Pre-Engineering	0	0	0	0	0	0	0	83	0	0	0	26	0	0	0	25
TOTAL TRANSFER	4113	4897	6446	5312	3437	4053	5325	3713	651	618	895	669	542	477	837	548