

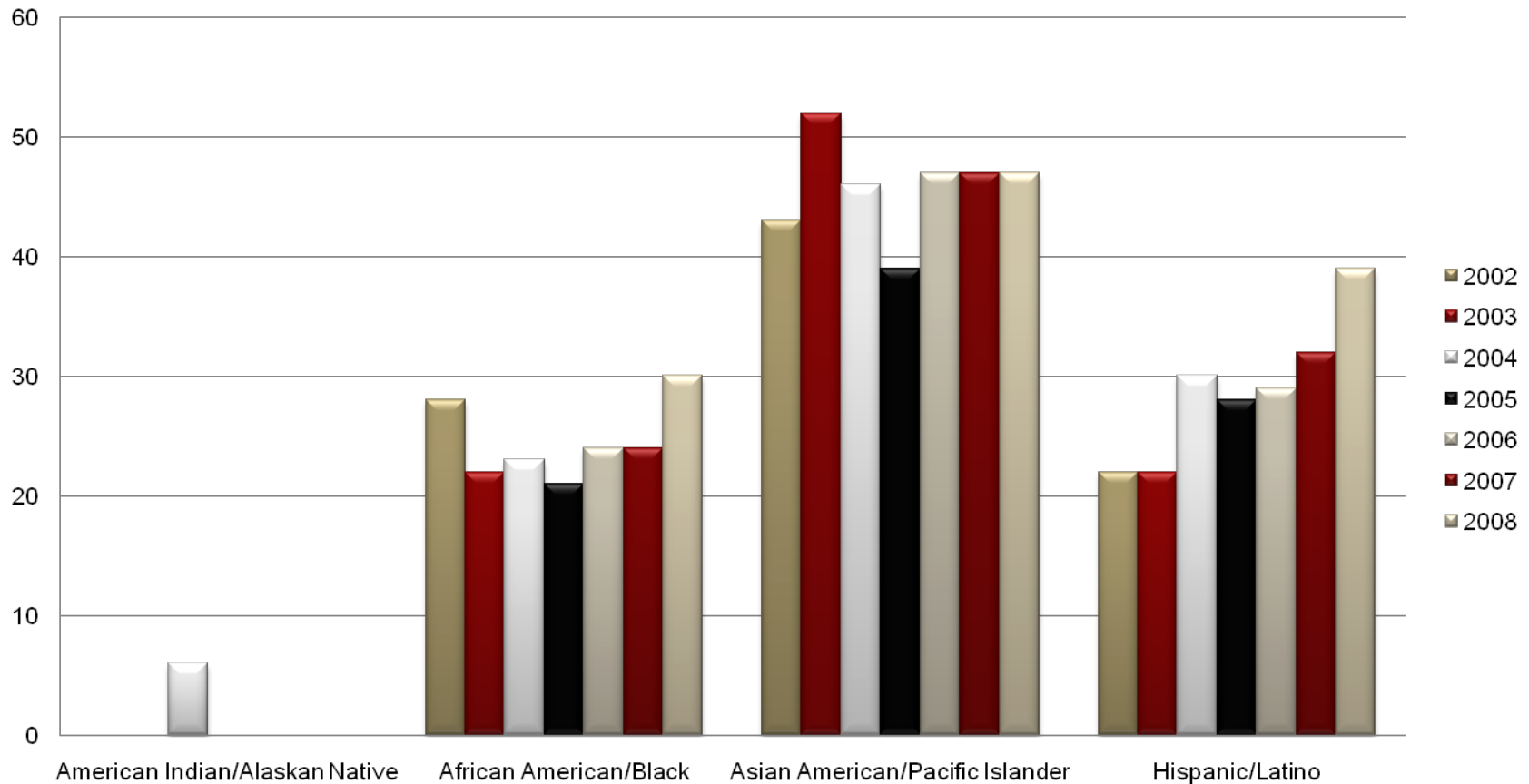
IOWA STATE UNIVERSITY

College of Engineering

Diversity Affairs

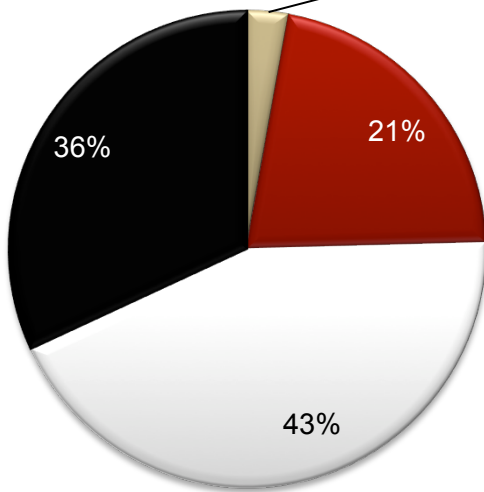
Recruiting Initiatives

COE Freshmen Enrollment by Ethnicity



2008-2009 Enrollment

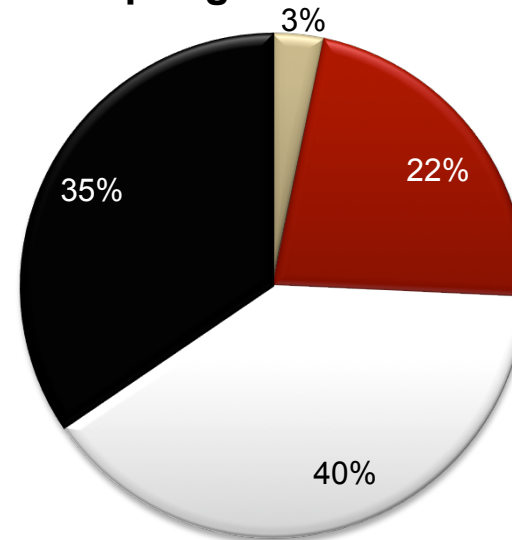
Fall 2008 Enrollment - 3%



- American Indian/Alaskan Native
- Black/African American
- Asian American/Pacific Islander
- Latino/Hispanic

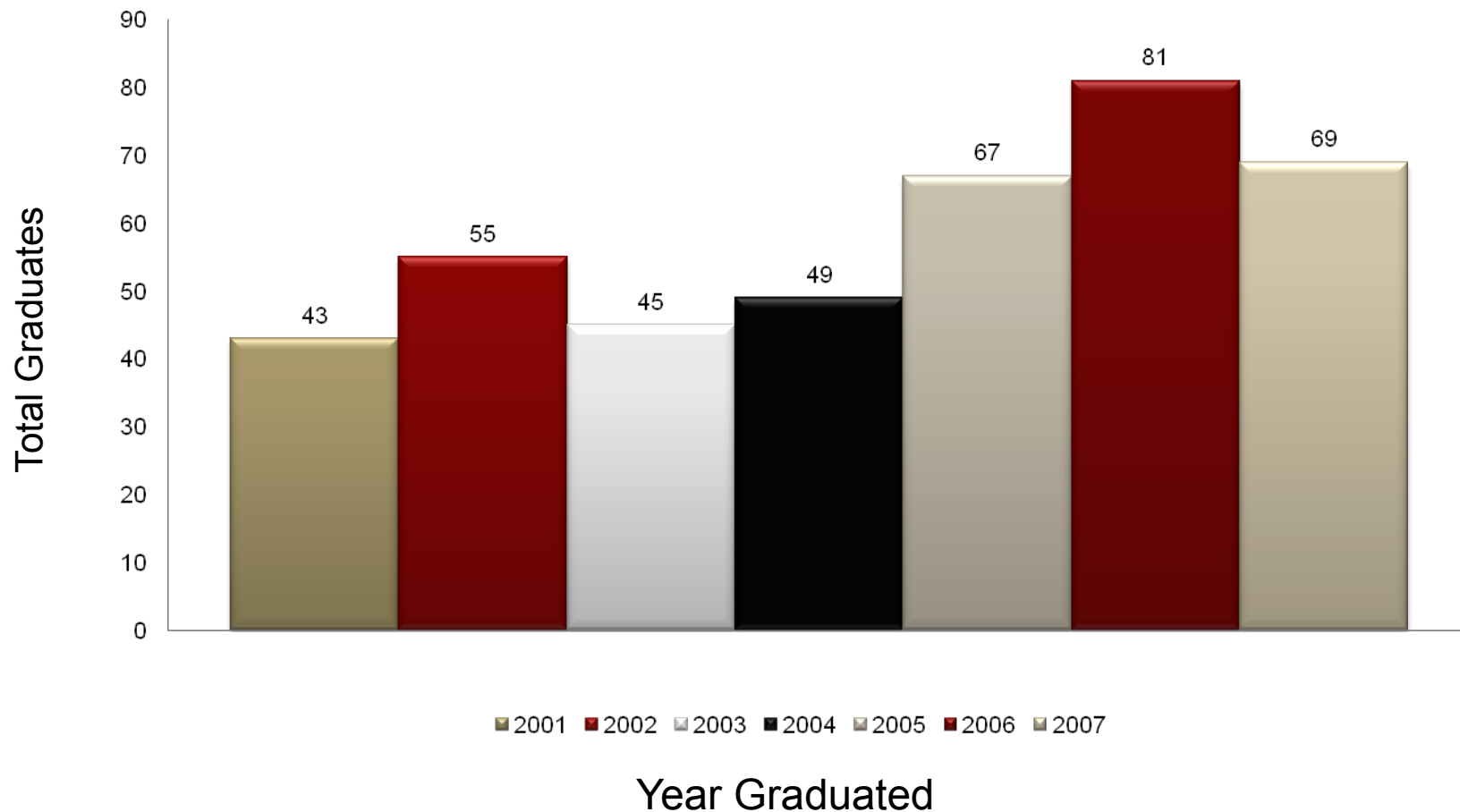
- American Indian/Alaskan Native – 10
- African American – 77
- Asian American/Pacific Islander – 154
- Latino/Hispanic – 113
- Total LEAD students – 354
- Total Underrepresented - 200

Spring 2009 Enrollment

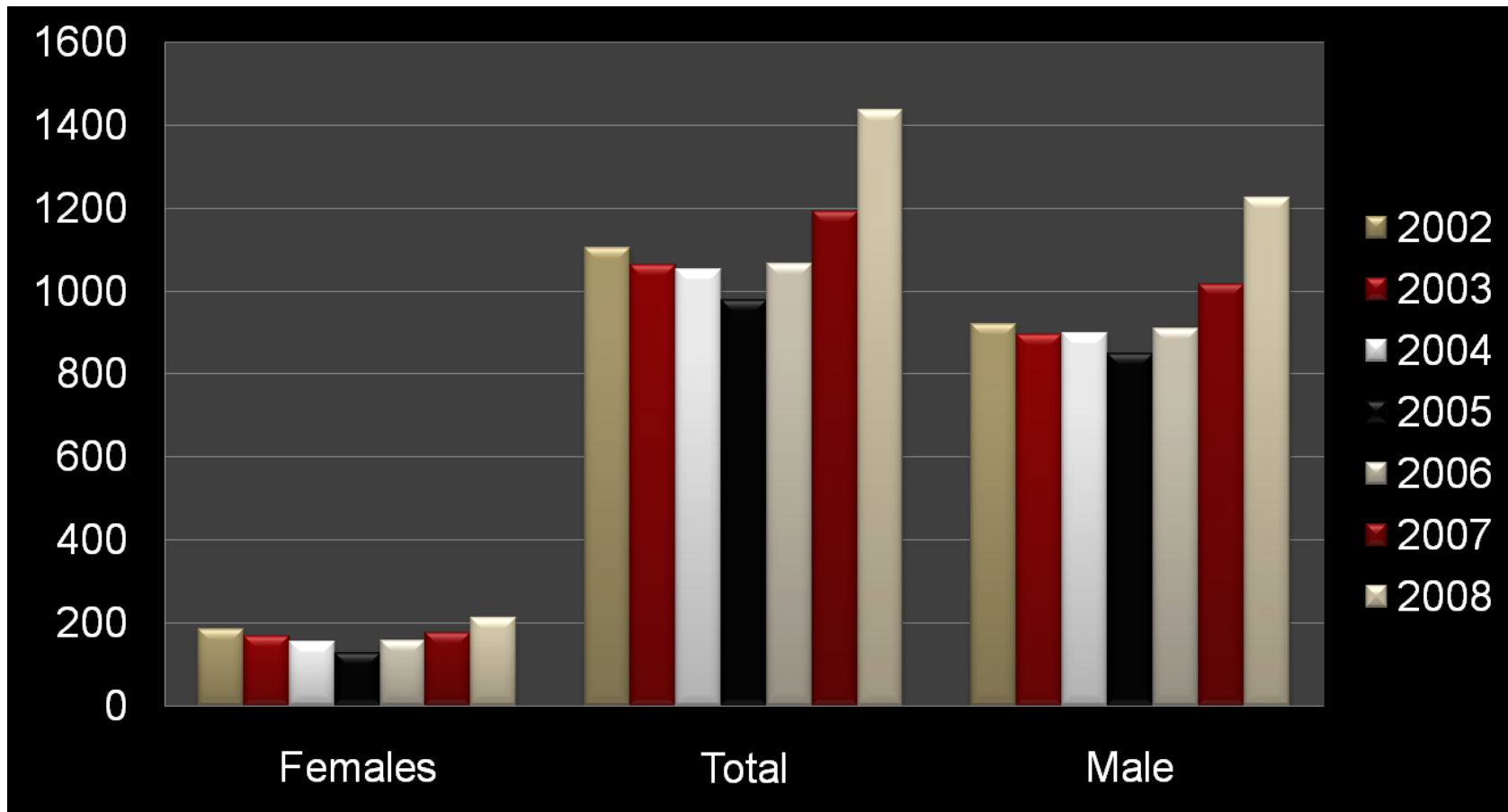


- American Indian/Alaskan Native – 10
- African American – 69
- Asian American/Pacific Islander – 122
- Latino/Hispanic – 106
- Total LEAD students – 307
- Total Underrepresented - 185

COE Multicultural Students - Graduation Data

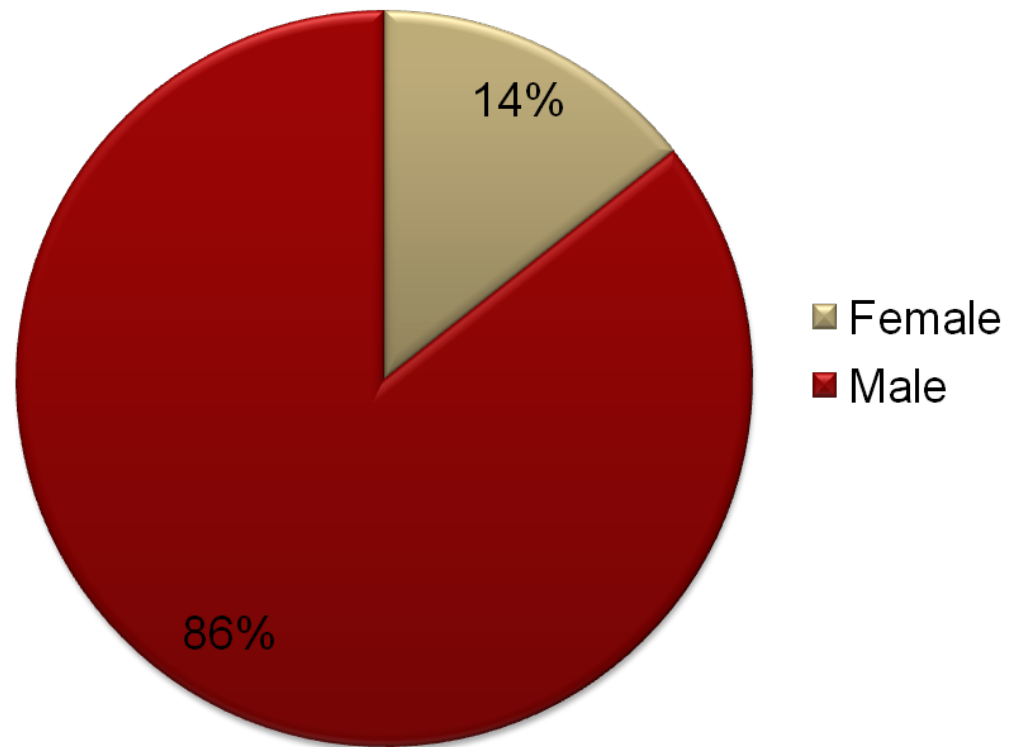


COE Freshmen Enrollment by Gender



Fall 2008 Enrollment by Gender

- Female – 675
- Male – 4025
- Total – 4700



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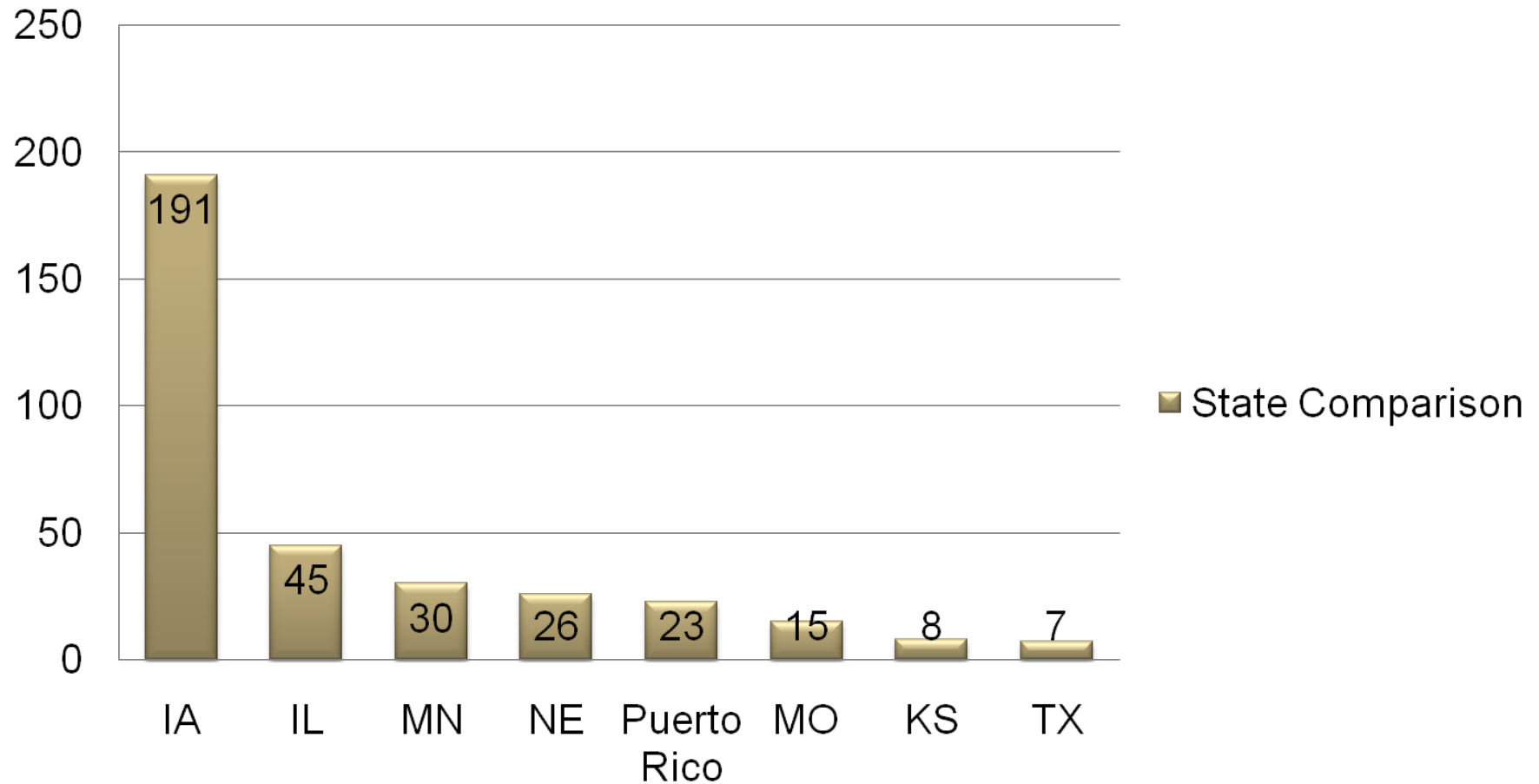
College of Engineering

Strategic Recruiting

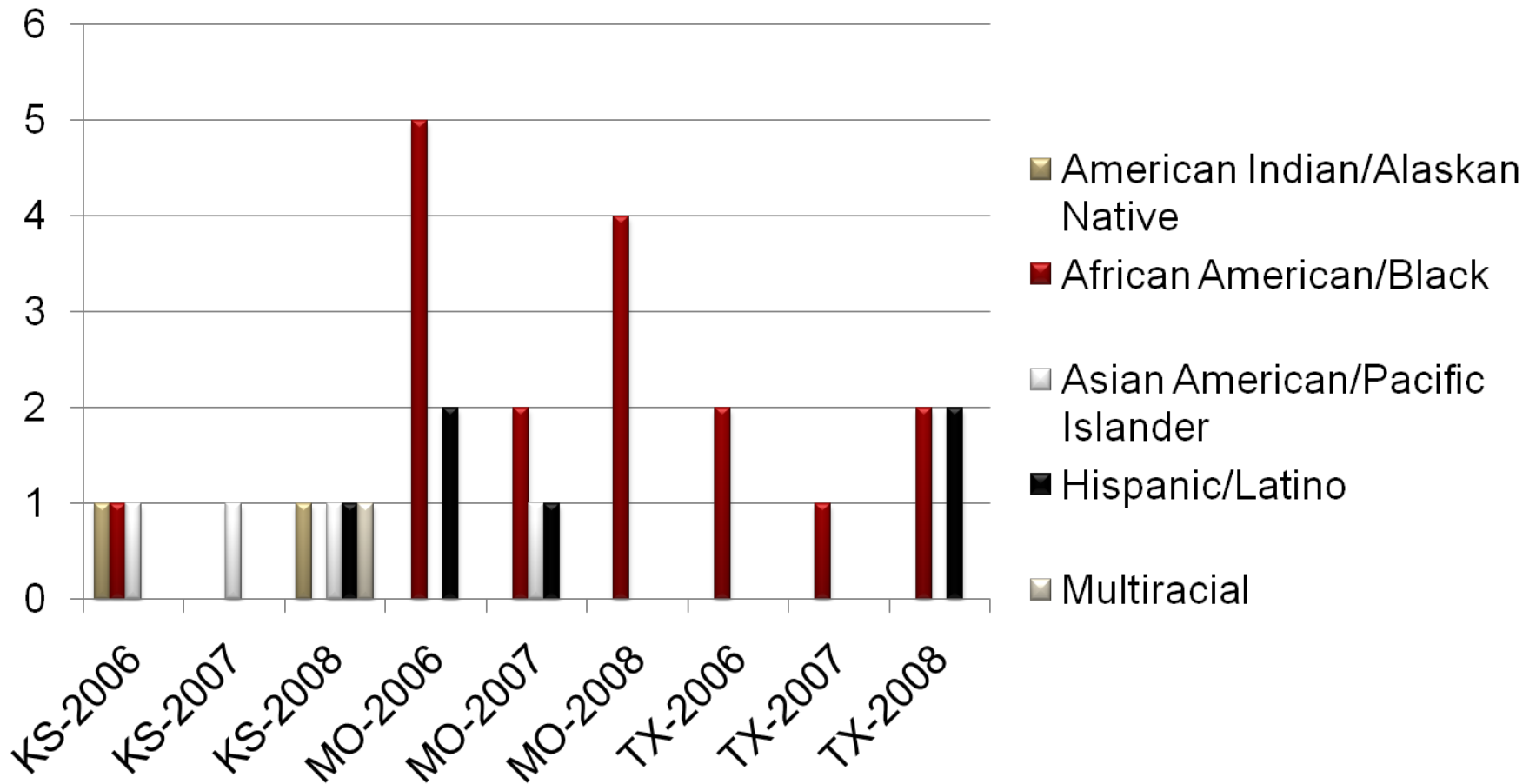
Strategic Recruiting

- Identify high schools in areas with strong corporate partner presence to help build relationships
- Talk with students in classrooms: Advance level math, science and physics classes
- 2008/2009 Pilot recruiting initiative in Kansas City, MO for underrepresented students
- 23 students invited to campus; 11 made the trip; 5 students accepted admission; 2 unable to attend for financial reasons; 4 didn't accept admissions
- 2009/2010: Expand recruiting efforts to Omaha, Peoria, St. Louis and Dallas for underserved students (women and underrepresented students)

Top 8 Enrollment States Multicultural Students



Multicultural Freshman in COE



IOWA STATE UNIVERSITY

College of Engineering

Transitional and Retention Programs

Diversity Partnership Opportunities

- SPEED Academic
- SPEED Research
- Skill Development Workshops
- LEAD Learning Community
- Engineering 104 and Engineering 105
- Lockheed Martin Homework Help Center
- LEAD Study Center (401 Marston)

Retention Programs

- Skill Development Workshops – for academic credit
- Intrusive Academic Advising
- Updates to LEAD Study Center
- Lockheed Martin Homework Help Center
- Tutoring Requests
- Student Advisory Board
- Support for leadership and professional development conferences

Monthly Events:

- Welcome Event
- NAACP Banquet
- Soul Food Lunch
- Industrial Field Trips
- Financial Planning Event
- Etiquette Dinner
- Awards and Networking Banquet
- Stress relief event

SPEED and APEX Fall 2008 Grade Performance

• SPEED

	HS GPA	HS Rank	ACT/SAT- MA	ACT- SC	GWC/ MVP	Fall 08	w/o Eng 160
	3.17	48.9%	25	22	N	2.11	2.59
	3.74	89.1%	500	N/A	N	1.3	1.86
	3.38	75.0%	17	24	N	2.03	2.03
	3.81	94.3%	560	N/A	Y	3.78	3.78
	3.85	87.0%	22	23	Y	2	2.50
	3.48	76.0%	540	N/A	N	1.67	1.67
	4	89.0%	26	23	N	1.61	2.15
	3.4	56.2%	500	N/A	N	0	0.00
			ACT				
Range	3.17-4.0	48-94%	17-26	22-24		1.3-3.78	1.67-3.78
Median	3.61	76.0%	23.5	23		2	2.15
Mean	3.60375	76.9%	22.5	23		2.1	2.37
			SAT				
Range			500-560				
Median			520				
Mean			525				

• APEX

	HS GPA	HS Rank	ACT/SAT- MA	ACT-SC	GWC/ MVP	FALL '08	w/o Eng 160
	3.65	81.00%	29	25	Y	0.06	0.06
	3.82	86.00%	610	N/A	Y	2.17	2.17
	3.58	80.00%	24	24	Y	1.93	?
	4.03	93.00%	530	N/A	Y	3.08	?
	3.69	78.92%	25	26	Y	1.95	1.95
	3.76	80.53%	28	22	Y	0.31	0.4
	4.43	96.64%	28/630	24		3.42	3.2
	3.29	68.00%	500	N/A		1.42	1.42
	3.21	67.00%	23	23		2.67	2.67
	2.75	51.95%	22	22	Y	0.63	0.63
			ACT				
Range	2.75-4.43	52-97%	22-29	22-26		0.06-3.4	0.06-3.2
Median	3.65	80.00%	25	24		1.94	
Mean	3.621	78.30%	25.6	23.5		1.764	
			SAT				
Range			500-630				
Median			570				
Mean			567.5				

Skill Development Workshops – Spring 2009

Academic Excellence Workshops

These workshops are facilitated by students under the direction of Dr. Rollins to help build problem solving skills that are critical to the success of an engineering student.

Spring 2009 Schedule:

<u>Time</u>	<u>Monday</u>	<u>Tuesday</u>	<u>Wednesday</u>	<u>Thursday</u>
<u>6:10pm-7:00pm</u>	Engr193-I (Engr160) 2255 Hoover	Engr193-I (Engr160) 2255 Hoover		
<u>6:10pm-7:00pm</u>		Engr193-B (Chem165) Howe 1246	Engr193-D (Math 165) Howe 1304	Engr193-B (Chem165) Howe 1252
<u>7:10pm-8:00pm</u>		Engr193-J (Math 140,141,142) Howe 1252	Engr193-E (Math 166) Howe 1220	Engr193-J (Math 140,141,142) Howe 1226
<u>7:10pm-8:00pm</u>		Engr193-C (Chem167/177) Howe 1226		Engr193-C (Chem167/177) Howe 1220
<u>8:10pm-9:00pm</u>		Engr193-F (Phys221) Black 1028		Engr193-F (Phys221) Black 1028
<u>8:10pm-9:00pm</u>		Engr193-G (Phys222) Howe 1304		Engr193-G (Phys222) Town 296