

# FOCUS ON STUDENTS

**Enrollment Presentation – 2008 FAU Board of Trustees Retreat** 



# UNDERGRADUATE RECRUITMENT AND ENROLLMENT

FAU's Current and Projected Enrollment Plan 2009-14								
FLORIDA ATLANTI	FLORIDA ATLANTIC UNIVERSITY		1-year	3-year	5-year	5-Year		
FTE	Funded 2008-09	2008-09 est.	2009-10	2011-12	2013-14	Avg Annual Growth Rate		
FL Resident Lower	4372	4372	4372	4372		None		
FL Resident Upper	7827	7827	7827	7827	8024	1.25% from 2012-13		
FL Resident Grad I	1671	1671	1671	1671	1730	1.75% from 2012-13		
FL Resident Grad II	240	240	240	240	245	1.00% from 2012-13		
Total FL Resident	14110	14110	14110	14110	14371	0.37%		
Non-resident Lower		361	487	487	497	7.53%		
Non-resident Upper		460	621	621	634	7.57%		
Non-resident Grad I		196	265	265	270	7.55%		
Non-resident Grad II		112	151	151	154	7.50%		
Total Non-resident	1129	1129	1524	1524	1555	7.55%		
Total Lower		4733	4859	4859	4869	0.57%		
Total Upper		8287	8448	8448	8658	0.90%		
Total Grad I		1867	1936	1936	2000	1.42%		
Total Grad II		352	391	391	399	2.67%		
Total	15239	15239	15634	15634	15926	0.90%		
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## FAU's Current and Projected Enrollment Plan 2009-14

- Was approved by the Board of Trustees in June 2008.
- Considers continuing budget reductions, the decline in high school graduates, and a reduction in faculty and staff.
- Does not reflect a very important but as yet unquantifiable factor relative to upper level enrollments and the effect of the growth in community college baccalaureate programs

# **Recruitment Initiatives**

University undergraduate admissions recruitment contains elements of marketing but remains an essentially different and unique function:

- The recruitment audience is highly targeted.
- Recruitment opportunities include both individual and collective elements.
- Although the goal is to encourage qualified persons to apply, this is done with the understanding that ALL WHO APPLY WILL NOT BE ACCEPTED.
- In terms of FTIC admissions only about one half of today's FAU applicants will be accepted.

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# **High School Recruitment Efforts**

- NACAC College Fairs (12)
- SUS High School Tour (74 fairs)
- Other high school fairs (79)
- High school visits (300+)
- SUS Directors' Tour (Meet 3,000 H. S. Counselors)
- Mailings (48,000 to juniors with 3.1+ GPA)
- Awards ceremonies/Scholarship presentations

# **Community College Recruitment Efforts**

- Articulation workshops (on-going)
  - Boca
  - Davie
  - Jupiter/Treasure Coast
- Community college fairs (15)
- Individual community college visits (36, plus visits by personnel from Davie, Jupiter, Treasure Coast)
- Awards ceremonies/Scholarship presentations
- Direct emails (Talisma)

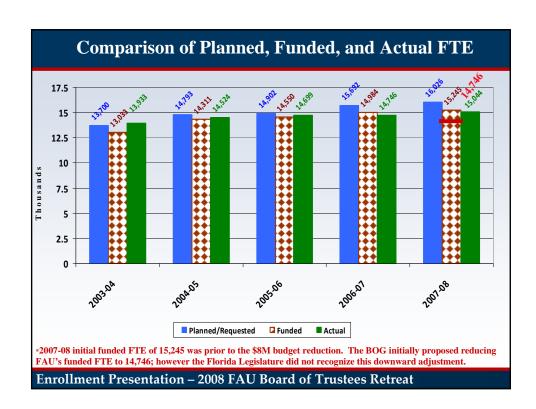
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# **Events**

- Open houses (yield up to 41%)
- High school counselor luncheons
- Sponsored counselor visits (Independent Education Counselors Association)
- Transfer Expo on all campuses simultaneously (yield 47 %)
- Campus Day (yield 70%)-expanding to two dates
- College receptions
- High school counselor professional development seminar (Southern Association of Colleges Admissions Counselors)
- ACT Workshop (Davie)
- Tours (twice daily, Saturday, specials: 6,000+)

# **Communications**

- Talisma: prospect data base; manage communications flow
- Telecounselor campaigns
- Publications
- Call center (over 100,000 calls per year)
- Lobby (17,000 visitors)
- Community outreach recruiter
- College liaisons
- Scholarship awards by 5/1

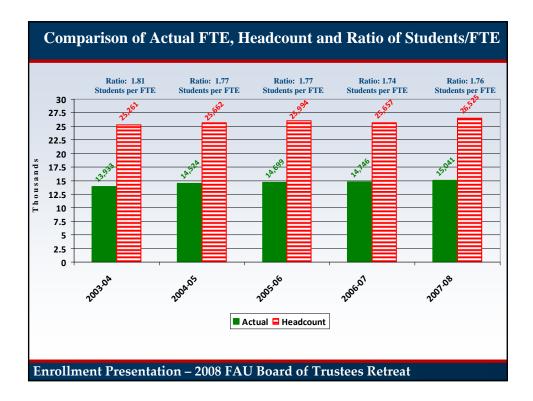


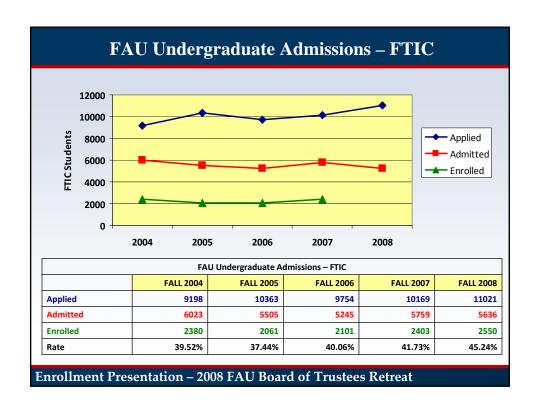
# Comparison of Planned, Funded, and Actual FTE

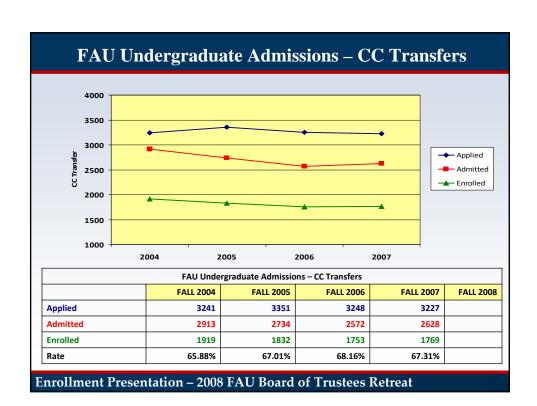
#### 2007-08 Enrollment Funding

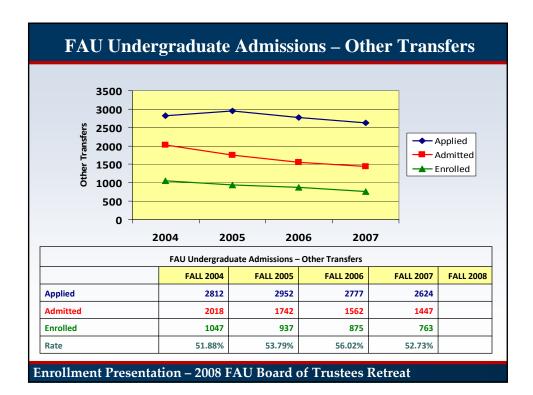
	FTE Produced	<b>\$/FTE (All sources)</b>
2006-07	14,746	\$15,291
2007-08	15,041	\$15,026

- 1. Amount of funding/FTE varies each year by appropriation.
- 2. The Legislature assigned enrollment of 15,245 for 2007-08, then reduced funding by \$8.5 million. In January through March, 2008, the BOG directed the university to plan to reduce enrollment to conform to true funded level of 14,746. The Legislature did not accept this position and the university reversed course in April-May.
- 3. More with less: FAU produced 295 more FTE in 2007-08 for \$265 less per FTE.









# Strategic Factors Likely to Affect Undergraduate Recruiting and Enrollments

- Population changes (demographic projections, high school graduates)
- Economic forces (housing market, state revenue collections)
- Development of state college system and community college baccalaureates

# **Strategic Scenarios - How FAU May Respond to External Factors**

IF, for example, population changes and development of state college system diminish demand for undergraduate admissions, FTIC and transfer, THEN...

- Should FAU look to other undergraduate markets, i. e. out-of-state, out-of-region, international?
- And/or significantly increase emphasis on graduate programs and enrollment?

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# UNDERGRADUATE STUDENT SUCCESS INITIATIVES

SUS Retention Rates					
	Fall 2002 to Fall 2003	Fall 2003 to Fall 2004	Fall 2004 to Fall 2005	Fall 2005 to Fall 2006	Fall 2006 to Fall 2007
FAMU	n/a	n/a	n/a	n/a	89%
FAU	69%	69%	72%	73%	74%
FGCU	n/a	80%	72%	73%	76%
FIU	85%	83%	72%	72%	n/a
FSU	86%	87%	89%	88%	89%
NC	n/a	80%	84%	80%	87%
JCF	83%	82%	83%	82%	84%
JF	93%	94%	94%	94%	95%
JNF	76%	79%	75%	78%	77%
JSF	81%	81%	82%	81%	81%
JWF	72%	73%	73%	75%	73%
SUS Average	81%	81%	80%	80%	83%

Freshman-to-Sophomore Ye	ar Retenti	on Data
First-Year Retention Rates at FAU and P Institution	eer Institutions 2003-04	(percent) 2006-07
George Mason University	81	85
Virginia Commonwealth University	79	82
Georgia State University	83	80
University of Louisville	76	78
University of Nevada – Las Vegas	73	75
Florida Atlantic University	69	74
University of Memphis	74	73
University of Wisconsin – Milwaukee	72	72
University of Toledo	66	68
Portland State University	65	68
University of Akron	65	67
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# **Factors Influencing Retention**

• Academic Preparedness of FTICs

Preparedness of Entering FTICs					
High School GPA		Average SAT Scores			
Fall 2007	7	Fall	1 2007		
UF	4.1	NCF	1320		
NCF	3.9	UF	1275		
FSU	3.8	UCF	1217		
UCF	3.7	FSU	1214		
FIU	3.7	UNF	1177		
USF	3.7	USF	1148		
UNF	3.6	FIU	1144		
UWF	3.5	UWF	1075		
FGCU	3.3	FAU	1041		
FAU	3.2	FGCU	1030		
FAMU	3.1	FAMU	928		
SUS Aver.	3.7	SUS Aver.	1152		

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# **Factors Influencing Retention**

• High failure rates in lower-division classes

D-F-W Rates in Ten Lower-Division Mathematics Courses						
	# Students <u>D-F-W</u> <u>Percentage</u>					
Fall 2006	3,419	1,620	47.4			
Spring 2007	2,154	956	44.4			
Fall 2007	3,066	1,441	47.0			
Spring 2008	2,334	913	39.1			

Students Earning Below a 2.0 GPA During Their First Year at FAU						
<u>2004-2005</u> <u>2005-2006</u> <u>2006-2007</u> <u>2007-2008</u>						
Total Entering FTICs	2,353	2,064	2,098	2,396		
Probation or "Freshman Warning" (below 2.0 GPA during first year)	756 (33%)	698 (33%)	662 (32%)	799 (33%)		

# **Factors Influencing Retention (con't)**

- Lack of connections to fellow students and faculty (support mechanisms)
- Weak motivation to excel
- Non-academic factors
  - Financial reasons working full-time or two jobs, etc.
  - Problems in personal/family life
  - Health problems

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# **Programs/Initiatives Focused on Student Success**

- Freshman Learning Communities (FLCs) and Living Learning Communities (LLCs)
  - FLC was piloted in Fall 2001 with 15 students in one FLC for "Undecided" or "Exploratory majors"
  - In Fall 2007, 400 students participated in 19 FLCs

In Fall 2008, 371 students are participating in 17 FLCs:

Architecture Go Global, Give Local

Arts and Letters Hospitality/Tourism Mgmt

Biological Sciences Leadership

Business Music Communication Nursing

Criminal Justice Pre-Med/ Pre-Professional

Education Psychology
Engineering Science

**Explore** 

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# **Programs/Initiatives Focused on Student Success (con't)**

- In 2005, 17 students participated in the first LLC
- ❖ In Fall 2008, 134 students are in 5 LLCs

**Engineering** Global Connections

Explore Pre-Med

Music

#### GPAs of Students in FLCs/LLCs

		# of Students	Fall GPA	First Year GPA
FTIC Cohort				
Fall, 2007	FLC	374	2.56	2.59
	LLC	75	2.61	2.62
	All FTICs	2257	2.50	2.52

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## **Programs/Initiatives Focused on Student Success (con't)**

#### Writing Center

- ❖ Total consultation hours increased from 710 hours in 2002-2003 to 2,654 hours in 2007-2008 (5,308 individual sessions)
- In addition to the main center in the Social Sciences building, there are now branch offices in the Oxley Center, Heritage Park Towers, Davie, and Jupiter

#### Math Tutoring Center

- CARES (College Assessment of Readiness for Entering Students)
  - Pilot assessment in Fall 2007, full implementation in Fall 2008
  - Helps students identify expected behaviors for the first year of college. (As examples, how much time they expect to spend on their classes, how likely are they to seek tutoring, etc.)
  - Provides tips for success based on response
  - Provides staff a summary of each student for advising purposes
  - \* Follow-up assessment given at the end of the fall semester to measure expectations compared with actual experiences.

- Freshman learning strategies course (SLS 1503)
  - From 1992-2001, SLS 1503 was available only to students in the Student Orientation and Academic Review (SOAR) program (now called the Gateway program); 42 students enrolled in first year.
  - In 2002, course offerings were expanded to include athletes and students participating in the FLCs. In 2003, the course was opened to all FTICs.
  - In 2008, 50 sections of SLS 1503 enrolled 1,169 freshmen, or 45 percent of the entering class.

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## **Programs/Initiatives Focused on Student Success (con't)**

#### **GPAs of SLS Students**

		# of Students	Fall GPA	First Year GPA
<b>FTIC Cohort</b>	SLS Group			
FALL 2007	SLS	979	2.54	2.55
	Non-SLS	1278	2.47	2.50
	All FTICs	2257	2.50	2.52

- Academic Intervention Strategies in Freshman Academic Advising Services
  - **❖** Faculty Referral System for at-risk freshmen (started Fall 2007)
    - Students then contacted for meeting
    - 38 percent in good academic standing by end of Spring 2008
  - **&** Early Warning System for Freshmen
    - At mid-semester, faculty identify freshmen performing below a "C"
    - Students contacted, offered recommendations for success, meeting with Freshman Advising Staff
  - STAR (Strategies and Tips for Academic Recovery) Inventory (Fall 2008)
    - Helps students on "freshman warning" to pinpoint their academic shortcomings and provides suggestions and tips on how to become a more successful student

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# **Programs/Initiatives Focused on Student Success (con't)**

- Supplemental Instruction (piloted Fall 2007, expanded in Spring 2008)
  - Peer-assisted instruction in high-risk classes (high D-F-W rates).
  - Students who took the class in a previous semester and received an "A" are hired to assist current students
  - Classes covered
    - Fall 2007 1 class
    - Spring 2008 9 classes
    - Fall 2008 22 classes

#### **Supplemental Instruction Results – Fall 2007**

			SI attendance			
			0	1	2-5	6 or more
		Overall	sessions	session	sessions	sessions
# of Student Enrollments		581	389	59	89	44
% of Enrolled Students		100%	67%	10%	15%	8%
Course GPA	Mean	1.4	1.1	1.4	1.6	3.1
Pass with C or	%	36%	25%	41%	49%	93%
better						
Withdrawals	<b>%</b>	24%	31%	17%	9%	2%

#### **Supplemental Instruction Results – Spring 2008**

			SI attendance			
			Session			
		Overall	0	1	2-5	6 or more
# of Student Enrollments		3,377	2,730	241	235	171
% of Enrolled Students		100%	81%	7%	7%	5%
Course GPA	Mean	2.1	2.0	2.3	2.6	3.0
Pass with C or better	%	58%	54%	66%	73%	85%
Withdrawals	%	9%	10%	6%	7%	4%

Note: The academic backgrounds, as measured by high school GPA and SAT scores, were the same for those students who attended SI and those who did not.

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# **Programs/Initiatives Focused on Student Success (con't)**

- Mathematics Placement Exam (started April 2008)
  - ❖ No effective system of placement in the past, thus high DFW rates

D-F-W Rates in Ten Lower-Division Mathematics Courses						
	# Students D-F-W Percentage					
Fall 2006	3,419	1,620	47.4			
Spring 2007	2,154	956	44.4			
Fall 2007	3,066	1,441	47.0			
Spring 2008	2,334	913	39.1			

- Required of all FTICs, as well as transfer students with no prior college-level mathematics coursework
- ❖ Administered by ALEKS, a division of McGraw-Hill
  - **❖** Cost is \$3.60
  - \* Instructions on FAU website
- Score determines placement in lower-division classes, e.g.
  - College Algebra = 20;
  - ❖ Calculus for Engineers I = 50

- Mathematics Placement Exam (con't)
  - **❖** Scores as of 8/11/08

ALEKS Score	No. Students
0-14	198
15-19	192
20-29	253
30-49	935
50-99	1,209
TOTAL STUDENTS	2,805

- ❖ Modifications to be made after looking at Fall 2008 data
  - Cut scores set very low for initial run
  - More closely examine subscores
- ❖ Not a magic bullet

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# **Programs/Initiatives Focused on Pedagogy and Instruction**

- Seminar for International Teaching Assistants (Summer/Fall 2008)
- Creation of Center for Teaching and Learning (CTL) website (Summer 2008)

http://www.fau.edu/ctl

• Faculty development workshops, faculty learning communities (Fall 2008)

# **Programs/Initiatives Planned**

- Teaching mentoring program (Fall 2008)
- Greater opportunities for students in undergraduate research, service learning, study abroad
- Examination of University-wide advising system
- Physical Space for Center for Teaching and Learning, combining academic support services and faculty development initiatives

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# **GRADUATE COLLEGE**

#### **Graduate Student Enrollment**

#### **Brief Graduate College History**

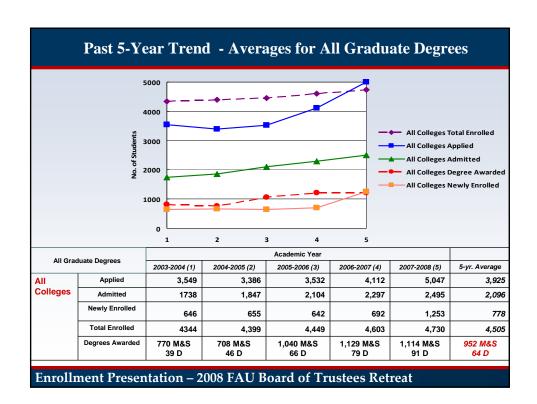
- Decision to elevate Graduate Studies at FAU in 2004
- Two Interim Deans of Graduate Studies serve from 2005 to 2007
- Dean of Graduate Studies is hired and begins work in July 2007
- Board of Trustees establishes the Graduate College in October 2007
- Graduate Recruitment Coordinator is hired in December 2007

#### **Graduate College Application Goals**

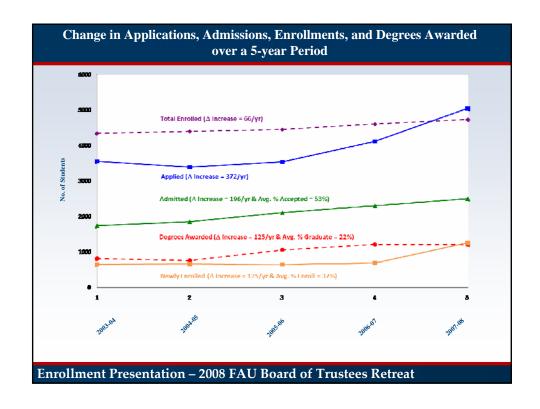
- Increase the quality, quantity and diversity of applicants.
- 5,000 applications in AY 2007-2008, increase to 9,000 by AY 2012-2013.
- Increase international and out-of-state tuition paying applicants.

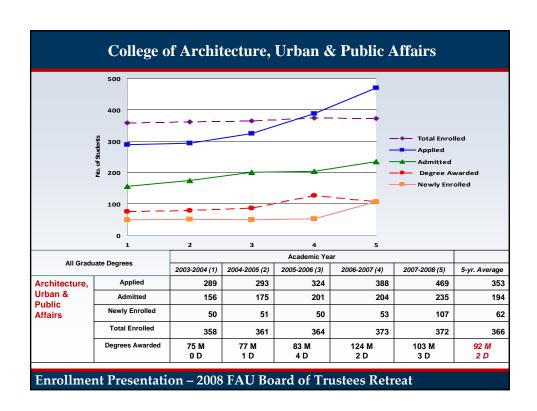
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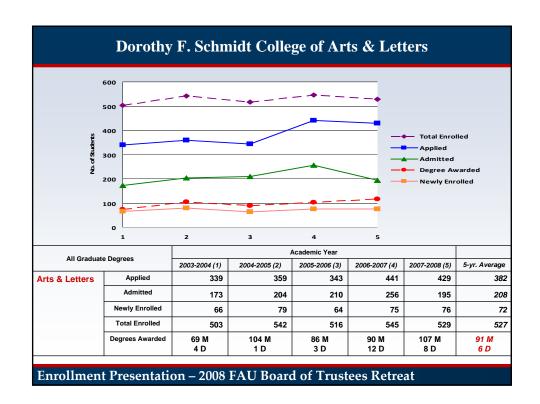
Institution	Graduate		Undergraduate	
	<u>Total</u>	Percent	Total	Percent
University of Florida	11,143	24%	34,616	76%
University of South Florida	8,338	20%	34,447	80%
Florida State University	7,408	19%	31,508	81%
Florida International University	6,034	17%	29,548	83%
Florida Atlantic University	3,648	15%	20,632	85%
University of West Florida	1,402	14%	8,334	86%
University of Central Florida	6,498	14%	41,128	86%
University of North Florida	1,686	10%	14,884	90%
Florida Gulf Coast University	852	9%	8,143	91%
Florida A&M University	869	9%	9,323	91%

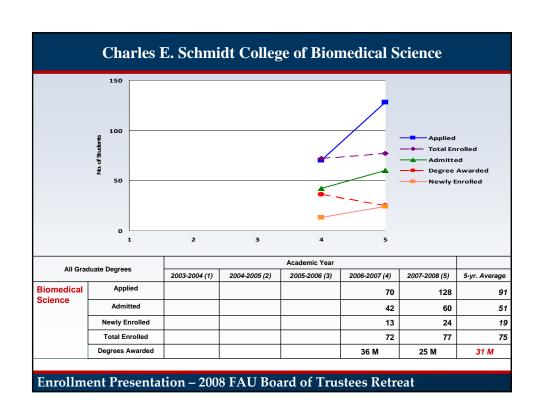


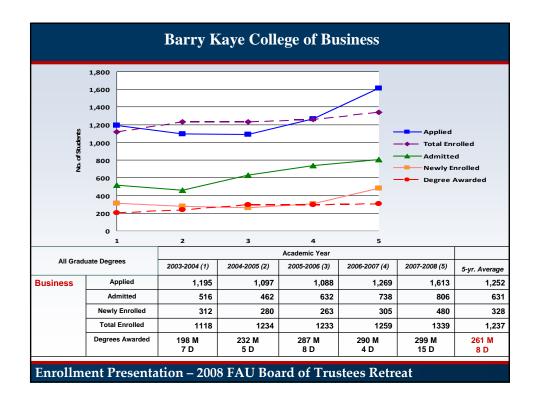
Peer Institutions	Masters and Specialist		Doctoral	
	Total	Percent	Total	Percent
George Mason University	2,543	93%	181	7%
Georgia State University	1,661	91%	170	9%
Virginia Commonwealth University	1,478	89%	191	11%
University of Louisville	1,395	91%	135	9%
Portland State University	1,453	97%	41	3%
University of Wisconsin - Milwaukee	1,154	92%	102	8%
Florida Atlantic University	1,114	92%	91	8%
University of Nevada - Las Vegas	1,039	93%	82	7%
University of Akron	820	89%	105	11%
University of Memphis	867	88%	121	12%
University of Toledo	848	90%	99	10%

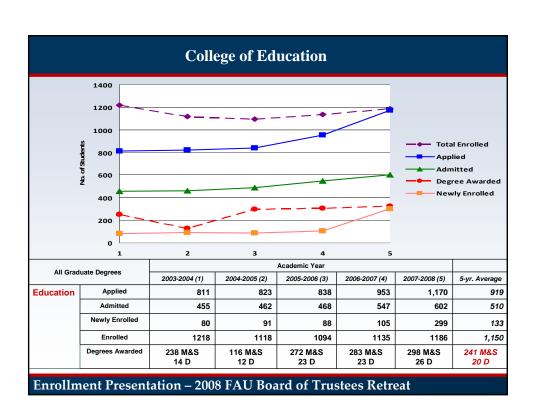


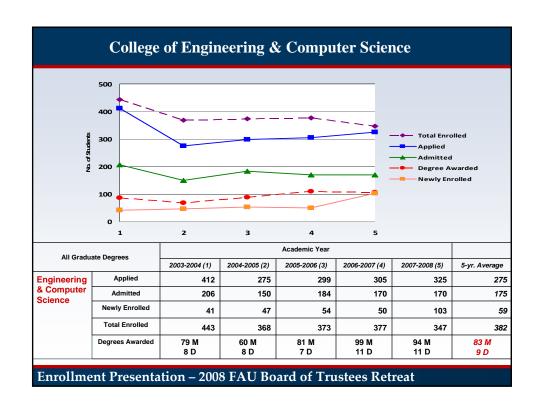


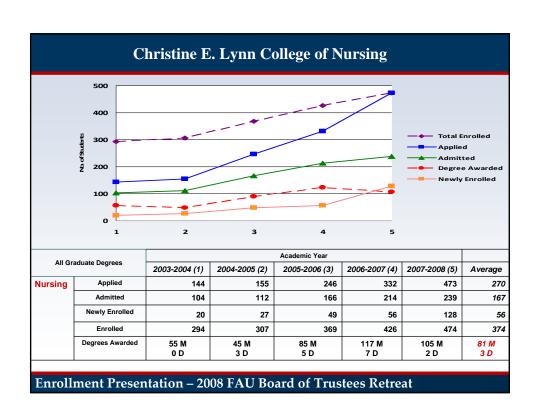


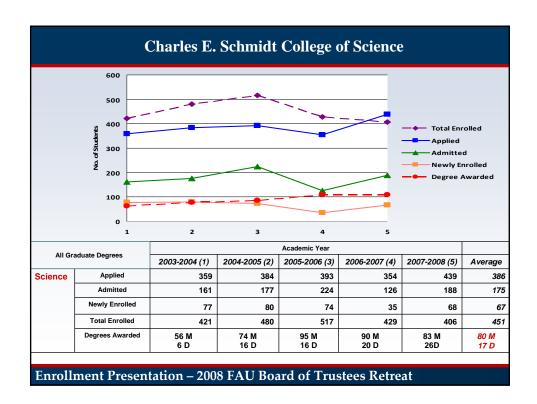


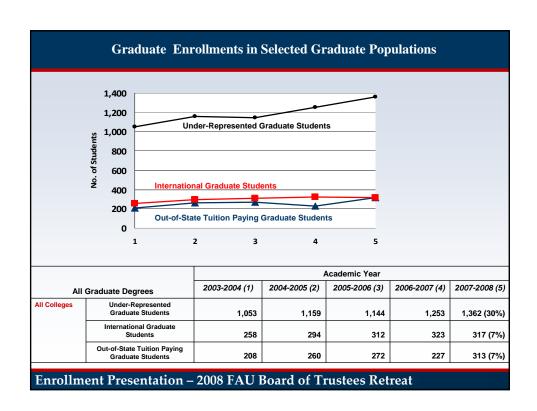












#### **Comparison with Peer Institutions in All Three Categories Peer Institutions Under-Represented** International **Out-of-State** Florida Atlantic University 30% 7% 7% **University of Memphis** 29% 8% 11% University of Nevada - Las Vegas 17% 30% George Mason University\* 15% 7% 19% 24% Virginia Commonwealth University 14% 10% University of Louisville\* 23% 14% 6% 32% **Georgia State University** 13% 16% University of Akron\* 13% 4% 5% **University of Toledo** 12% 13% 28% University of Wisconsin - Milwaukee 9% 12% NA **Portland State University** 8% 12% 28%

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#### **Graduate Student Recruitment**

#### **On-going Recruitment Activities**

#### **University-wide Graduate Programs Open House**

- Friday, October 31, 2008.
- Multiple college and department participation.

#### **Information Sessions**

- In-office meetings with prospective students.
- Monthly sessions for prospective students.
  (Hosted with Financial Aid and Testing & Evaluation Offices)

#### **Targeted Recruitment Travel**

Multiple college and educational fairs.



<sup>\*</sup> Includes Undergraduate and Graduate

## **Graduate Student Recruitment**

#### **On-going Recruitment Activities**

#### **Under-represented Student Recruitment**

- Attend Historically Black Colleges and Universities (HBCU) and Hispanic-serving Institutions (HSI) college career fairs.
- Create specialized electronic publications.



#### **Increased Faculty, Staff, and Alumni Involvement**

- Fall semester graduate recruitment workshop.
- Recruitment grant and fellowship program.
- Excellence in Graduate Mentoring Award.



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#### **Graduate Student Recruitment**

#### **Newest Recruitment Activities**

- Intelliworks
  - Customer Relationship Management (CRM) software
  - Database and management of communication between the Graduate College and prospective and admitted students
  - Use purchased GRE and GMAT lists to contact prospects
- Develop and promote additional dual BS/MS degree programs
- Recruit non-degree seeking students to apply to graduate degree programs
- Promote agreements with selected universities abroad

# "What If" Scenarios

- If FAU undergraduate enrollment declines, graduate enrollment in certain fields could rise due to increased capacity to mentor and teach graduate students.
- If the number of FAU undergraduate degrees stays the same or grows, and the state colleges produce additional undergraduate degrees, the number of potential applicants to FAU graduate programs could increase.
- Since state colleges will not be offering graduate degrees, FAU will play a key role in providing master's degrees to their graduates, especially in the professional fields where these degrees are increasingly becoming required.