

Strategic Planning for Florida Atlantic University
Y-Axis
Narrative Addendum

II.A.5. Other Access/Diversity Issues

As a state university, the student population of Florida Atlantic University should reflect the ethnic and racial composition of the population of Florida. The current student population of FAU is the most diverse in the state in terms of ethnicity and race, and also provides service to a diverse population in terms of age, gender, and geographic location within the university service area. The University Strategic Planning Council is actively examining this goal among others to determine if further refinement is appropriate.

II.C.1. Research Expenditures

Research expenditures are expressed in 2003 constant dollars.

The projected number of full-time faculty to be reported on the IPEDS 2008 fall survey is 977 and the 2012 fall survey is 1,100.

II.C.4. Centers of Excellence

1. The investment of \$13,985,000 in the Center of Excellence in Biomedical and Marine Biotechnology will generate \$100,000,000 over ten years.
 - a. Core facility service/fees will increase by 5% each year.
 - b. New contracts and grants will increase by 20 % each year.
 - c. Licensing of Center patents will increase by 1 each year.
2. The partnership with Scripps Florida will result in 5 new faculty hires and 12 joint appointments between the Center and departments in the Colleges of Science and Engineering.
3. A new Ph.D. program in Marine Biomedicine and Biotechnology will be implemented.
 - a. Secure \$20,000,000 in pre-doctoral training grants by 2010.
 - b. Implement a track in the Ph.D. program in the Chemistry Department in 2004-05 to provide training in the interdisciplinary field of "medicines from the sea."
4. Construct a Center of Excellence building on FAU's Boca Raton campus.

II.C. 6. Other Forms of National Recognition

1. FAU expects to have three faculty who have been admitted to national academies in 2008-09 and four in 2012-13.
2. FAU expects to have four faculty who are Fellows in the Institute of Electrical and Electronics Engineers in 2008-09 and six in 2012-13.
3. FAU expects to have four faculty who are Fellows in the American Society of Mechanical Engineers in 2008-09 and six in 2012-13.
4. FAU expects to have two American Academy of Nursing Fellows in 2008-09 and three in 2012-13.
5. FAU expects to achieve membership in the Association for Assessment and Accreditation of Laboratory Animal Care by 2008-09.

II.D. Meeting community needs and fulfilling unique institutional responsibilities

1. FAU's continuing efforts to meet community needs for health-related services include the following initiatives:
 - a. Increase the number of clients served by the Alzheimer's Center by 10% each year.
 - b. Increase the number of individuals with autism served by the Center for Autism and Related Disabilities by 20% for each of the next two years; expand the Center to St. Lucie county with service to 150 individuals by 2008-09.
 - c. Through the Quantum Foundation Center for Innovation in School and Community Well-Being, attract \$1.5 million annually to provide nursing care to 15,000 underserved persons in multicultural, immigrant communities.
 - d. The Communication Disorders Clinic will serve 100 clients annually.
2. FAU's continuing efforts to meet community needs for economic development services include the following initiatives:
 - a. Develop at least one new research and development partnership endeavor annually with Scripps Florida.
 - b. Engage 50 FAU faculty and students and 5,000 citizens annually in programs sponsored by the Center for Urban and Environmental Solutions (CUES).
 - c. Partner with the Enterprise Development Corporation to form new research-based businesses using the incubator model. Launch one new business beyond the incubation stage by 2009 and two by 2013.
 - d. The Small Business Development Center (SBDC) will increase the number of clients served by 10% per year, and the number of attendees at its conferences by 5% per year.

3. Other initiatives to serve community needs include:

- a. Increase the number of adult learners served by the Lifelong Learning Society in current programs by 4% a year.
- b. Expand efforts to include Broward County and the Treasure Coast with demonstration programs in place by 2008-09 and fully functioning efforts by 2013.

4. The Digital Education Teacher Academy (DETA), a partnership between FAU and local school local school districts dedicated to training teachers to understand and incorporate technology into all aspects of education, will annually meet 100% of the demand as expressed by area school districts.

5. The Harriet L. Wilkes Honors College, which seeks to address Florida's "brain drain" by attracting high-achieving students who might otherwise attend college out of state, will achieve full capacity by enrolling 100 additional students by 2008-09, and another 50 by 2012-13.

**BOARD OF GOVERNORS
STRATEGIC PLANNING/EDUCATIONAL POLICY COMMITTEE**

**Strategic Planning for the State University System
Y-Axis**

Goals and Objectives	2002-03 (or as indicated)	2008-09	2012-13
II. Florida Atlantic University Goals			
A. Access to and Production of Degrees			
1. Bachelor	3,591	4,528	4,985
2. Master's and Specialist	963	1,203	1,341
3. Doctoral*	53	122	142
4. Professional	0	0	0
TOTAL	4,607	5,853	6,468
5. Percent of degrees granted to Black, Hispanic and Native American students	26%	30%	30%
B. Meeting statewide professional and workforce needs (details to support I.A.)			
TOTAL Degrees	4,607	5,853	6,468
TOTAL Degrees in Targeted Programs	2,249	2,926	3,258
Targeted Program Degrees as % of All Degrees	48.8	50.0	50.4
1. Critical Needs: Education	83	130	143
2. Critical Needs: Health Professions	295	365	405
3. Economic Development: Emerging Technologies	807	1,006	1,128
a. Mechanical Science and Manufacturing	103	138	158
b. Natural Science and Technology	273	364	408
c. Medical Science and Health Care	0	0	0
d. Computer Science and Information Technology	398	434	451
e. Design and Construction	33	57	75
f. Electronic Media and Simulation	0	13	36
4. Economic Development: High-wage/high-demand jobs	1,064	1,425	1,582
5. Educated citizenry/workforce (not specifically targeted)	2,358	2,927	3,210
C. Building world-class academic programs and research capacity			
1. Research Expenditures			
a. Total Research Expenditures per full-time faculty	\$33,179	\$45,665	\$67,598
b. Federal Research Expenditures per full-time faculty	\$22,400	\$30,830	\$45,638
c. Research expenditures - Contracts and Grants (Constant dollars)	\$43,616,903	\$75,000,000	\$125,000,000
2. U.S. Patents Issued per 1000 full-time faculty	4	8	9
3. National Research Council rankings (Number of ranked programs and, of those, number in top 25% nationally)	0	1	1
4. Center(s) of Excellence	[narrative attached]		
5. Doctoral degrees per 1000 full-time faculty	68	125	130
6. Other Forms of National Recognition for Institutions' Academic and Research Programs	[narrative attached]		
D. Meeting community needs and fulfilling unique institutional responsibilities			