

State University System

2004-2005 University Priorities

Recommended by the Chancellor

**State University System of Florida
Recommended University Priorities
2004-2005 Legislative Budget Request**

| University/Name of Issue | Total Request |
|---|----------------------|
| <u>University of Florida</u> | |
| 1 State Critical Needs - Nursing, IT, Education | \$1,500,000 |
| 2 Bioinformatics (Genetics) | \$2,000,000 |
| Total | \$3,500,000 |
| <u>University of Florida - IFAS</u> | |
| 1 Servicing & Protecting Florida's Agriculture & Nat'l Resource | \$4,240,000 |
| Total | \$4,240,000 |
| <u>University of Florida - HSC</u> | |
| 1 Cancer Education, Research, and Treatment | \$2,000,000 |
| Total | \$2,000,000 |
| <u>Florida State University</u> | |
| 1 Critical State Needs - Nursing, IT, Education | \$2,000,000 |
| 2 Expanding & Strengthening Graduate & Research Prog. | \$1,500,000 |
| Total | \$3,500,000 |
| <u>Florida A&M University</u> | |
| 1 Enhancement of Academic, Research & Extension Programs | \$366,000 |
| 2 Specialization Cert. Programs in Middle School Science & Math. Educ. | \$652,000 |
| Total | \$1,018,000 |
| <u>University of South Florida</u> | |
| 1 Fl. Medical Manufactures Consortium | \$700,000 |
| 2 Nationally Distinctive Res. & Graduate Educ. Prog. | \$2,000,100 |
| 3 Establish USF as a Nat'l Model Fully Engaged with its Community (Tampa) | \$500,000 |
| Total | \$3,200,100 |
| <u>University of South Florida - HSC</u> | |
| 1 Research and Biotechnology Initiative | \$2,000,000 |
| 2 Critical Nursing Shortage | \$324,320 |
| Total | \$2,324,320 |
| <u>Florida Atlantic University</u> | |
| 1 Critical State Needs - Nursing, Education, Biomedical Sciences | \$2,000,000 |
| 2 Increasing Student Access and Performance | \$1,500,000 |
| Total | \$3,500,000 |
| <u>University of West Florida</u> | |
| 1 Provide Solutions to Educ., Cultural, Econ., & Environ. Needs | \$597,409 |
| Total | \$597,409 |
| <u>University of Central Florida</u> | |
| 1 Increase Number of Nursing Degrees | \$1,000,000 |
| 2 Accelerated Teacher Preparation | \$1,000,000 |
| 3 Augment High Tech Workforce & Stimulate Economic Development | \$1,500,000 |
| Total | \$3,500,000 |

**State University System of Florida
Recommended University Priorities
2004-2005 Legislative Budget Request**

| University/Name of Issue | Total Request |
|---|--------------------------|
| <u>Florida International University</u> | |
| 1 Addressing the Teacher Shortage | \$1,000,000 |
| 2 Addressing the Shortage of Nurses | \$1,000,000 |
| 3 Graduate Enhancement | \$1,500,000 |
| Total | \$3,500,000 |
| | |
| <u>University of North Florida</u> | |
| 1 Enhance Enrollment in Nursing and Teaching Education | Total \$753,000 |
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| <u>Florida Gulf Coast University</u> | |
| 1 Technological Expansion, Renewal, and Replacement | Total \$1,200,000 |
| | |
| <u>New College of Florida</u> | |
| 1 Enhance Quantitative Reasoning and Technological Skills | Total \$375,640 |
| | |
| TOTAL | \$33,208,469 |

**State University System
2004-2005 University Priorities Recommended by the Chancellor**

University of Florida

| Title | Brief Description/Justification | Request |
|---|---|-------------|
| State Critical Needs - Nursing, IT, Education | The State of Florida faces critical shortages of qualified personnel in the fields of nursing, information technology, and secondary education. The University of Florida proposes to enlarge the pipeline of students into these area through several innovative programs such as establish four-year baccalaureate programs in collaboration with Santa Fe and Central Florida Community Colleges, enable students in science, mathematics, and other critical need areas to achieve provisional teaching certification for secondary school, expand the Alliance Partnership to include two more high schools, leverage new and existing partnerships with other SUS and private universities and community colleges to meet the educational needs of placed-bound students. | \$1,500,000 |
| Bioinformatics (Genetics) | The UF Genetics Institute will harness the diverse academic talents and resources of the genetic research community at UF to improve the health and well-being of our citizenry. Genetics is one of the major priorities of the University's Strategic Plan that was approved by the Board of Trustees. It is also seen as one of the core areas in UF's efforts to become one of the top research institutions in the United States. | \$2,000,000 |

University of Florida - IFAS

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|---|---|-------------|
| Servicing and Protecting Florida's Agriculture and Natural Resource Economic Values | Florida's agriculture and natural resources industries are among the leading industries in the state and the most stable in terms of its impact on the state's economy, providing \$69 billion. UF/IFAS serves as the research and development arm for those industries. Its importance to these industries is much greater than other land grant universities in other states because Florida has more diverse and unique (tropical and subtropical) products. Thus, UF/IFAS provides the research and science base for keeping Florida's agricultural and natural resource industries strong, ensures economically stable local communities, and helps develop strategic partnerships with other agencies and educational institutions. | \$4,240,000 |
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University of Florida - HSC

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|---|---|-------------|
| Cancer Education, Research, and Treatment | Cancer is a leading cause of death and Florida's cancer rates are among the highest in the country. To address this problem, the University of Florida has initiated development of a cancer education, research and treatment center that will have statewide and nationwide impact. | \$2,000,000 |
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**State University System
2004-2005 University Priorities Recommended by the Chancellor**

Florida State University

| Title | Brief Description/Justification | Request |
|--|--|-------------|
| Critical State Needs - Nursing, IT, Education | To assist the State of Florida in addressing its critical needs, the University will enhance the areas of education, nursing and information technology. Florida State University seeks to respond to personnel needs in the state of Florida by increasing its enrollments at the master's degree level in areas identified as ones of critical need. In each of these areas Florida is experiencing serious shortages in well-trained personnel. | \$2,000,000 |
| Expanding and Strengthening Graduate and Research Programs | To be successful in recruiting talented graduate students, Florida State University will provide support for them at all levels. This will include a phased plan to increase graduate waivers, raise stipends and provide health insurance. As part of the plan, the University will also provide support, faculty mentoring, and placement programs to its graduate students. In the absence of such a concerted effort, the best graduate students will choose other universities to pursue their graduate work. Funds are requested for the employment of additional graduate assistants, stipends and health benefits. | \$1,500,000 |

**State University System
2004-2005 University Priorities Recommended by the Chancellor**

Florida A&M University

| Title | Brief Description/Justification | Request |
|--|---|-----------|
| Enhancement of Academic, Research and Extension Programs | Enhancement of Civil, Construction, and Electronic Engineering Technology and Biological and Agricultural Systems Engineering has not had the funds for the past seven years to meet the program needs. In order to meet the criteria the funds are necessary to meet the minimum equipment needs. The B.S. Degree in Manufacturing Engineering Technology with Option in Aviation was approved in the summer of 2000. Implementation of the program has started with the hiring of the faculty, additional funding is necessary to provide office space and supplies for the faculty and to promote the program. | \$366,000 |
| Specialization Certification Programs in Middle School Science and Mathematics Education | In response to the growing need for more teachers in the areas of science and mathematics education, the College of Education is presenting this request to secure the approval and funding to establish specialization certification and baccalaureate degree programs in middle school science and mathematics education. | \$652,000 |

**State University System
2004-2005 University Priorities Recommended by the Chancellor**

University of South Florida

| Title | Brief Description/Justification | Request |
|---|---|-------------|
| Fl. Medical Manufacturers' Consortium (FMMC) | USF is investing its own research recovery funds in construction of facilities to promote research and new technology development in Florida and the Tampa Bay area. Local governments have been asked to join this partnership. We believe that this is the right response to the call for universities to create shared facilities. USF requests funding to support the Florida Medical Manufacturers' Consortium (FMMC) which would be at USF and co-located with the Tampa Bay Technology Incubator and USF interdisciplinary research laboratories. Two years of rent and operations would cost \$700,000. | \$700,000 |
| Nationally Distinctive Research and Graduate Education Programs | Funds will be used to increase the number and diversity of faculty, graduate assistants and post-doctoral fellows in areas of competitive advantage and to strengthen the capacity for interdisciplinary research. USF will expand program offerings in areas that contribute directly to the economic, cultural, and social vitality of the state. Specifically, enhancements will be provided in the areas of bioinformatics, transportation engineering management, culture and the arts, and K-12 education. | \$2,000,100 |
| Establish USF as a National Model for a University Fully Engaged with its Communities | One of the state's primary goals is to maintain a system of public education that provides a well-integrated continuum from pre-kindergarten through university studies and beyond. USF is home to the largest urban college of education in the southeast. As part of its commitment to enhance public education in Florida, USF will strengthen preservice and inservice education programs to recruit, prepare, support, and retain greater numbers of competent educators. Resources will be used to improve and initiate programs that contribute to the quality of the PreK through 12 educational system. Resources will be used to: produce high quality K-12 teachers; increase the number of African-American, Latino, and bilingual professionals; strengthen the Professional Development School Network. | \$500,000 |

University of South Florida - HSC

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|---------------------------------------|--|-------------|
| Research and Biotechnology Initiative | The USF Health Sciences Center requests funding to create a targeted investment model for its research programs. Through this model, cutting edge research outcomes and improved infrastructure will increase local economic and workforce development, and help create new biotechnological initiatives in Florida. Enhancement of graduate education will also occur through scholarship and stipend support to further build research capacity in the HSC. | \$2,000,000 |
| Critical Nursing Shortage | The PhD program at the University of South Florida, College of Nursing, prepares scholars to make contributions to the knowledge base of nursing through interdisciplinary education, research and practice. And, the USF Nursing Clinical Collaborative is the innovative undergraduate RN-completion program that utilizes an "education/practice" cooperative with five local agencies to produce critically needed Registered Nurses at the baccalaureate level. The sixth team is beginning Fall 2003 for a total increase of baccalaureate nurse production from 60 in 2000/01 to 150 in 2004/05. The College of Nursing proposes to marry these two programs in a unique way. A BSN to PhD "fast-track" training program to prepare nurse scientists to conduct research and to become nurse faculty will be used in its innovative Clinical Collaborative Program to address both the need for more nurses in the practice and more nurse faculty to teach and conduct research. | \$324,320 |

**State University System
2004-2005 University Priorities Recommended by the Chancellor**

Florida Atlantic University

| Title | Brief Description/Justification | Request |
|--|--|-------------|
| Critical State Needs - Nursing, Education, Biomedical Sciences | Meet the State's critical needs in the areas of: Biomedical Science and Partnership for Quality Medical Education, Teachers and Nurses. | \$2,000,000 |
| Increasing Student Access and Performance | This will enable FAU to offer graduate assistantships at rates competitive with other high-performing institutions who receive funding from federal agencies like the National Institutes of Health and the National Science Foundation. | \$1,500,000 |

**State University System
2004-2005 University Priorities Recommended by the Chancellor**

University of West Florida

| Title | Brief Description/Justification & Authority | Request |
|---|--|-----------|
| Provide solutions to educational, cultural, economic, and environmental needs | Continue to expand community/industry partnerships and to transfer the results of UWF's powerful and expanding research and service activities to the public sector. This requires close relationships with federal, military, and private agencies, organizations, and individuals as we work together to solve the problems that are critical to global life and economy. Three year project totaling \$3.3 million. | \$597,409 |

**State University System
2004-2005 University Priorities Recommended by the Chancellor**

University of Central Florida

| Title | Brief Description/Justification | Request |
|--|--|-------------|
| Increase Number of Nursing Degrees | With additional resources, the School of Nursing at UCF can increase enrollments in three of its program options, including: 1) the generic baccalaureate program; 2) the accelerated second baccalaureate degree program; and 3) the doctor of philosophy program. The first two options serve applicants new to the profession of nursing, while the doctoral degree program prepares nurse scientists capable of assuming positions as nursing faculty members and leaders in the application of innovative technologies to nursing as clinical care providers. The School of Nursing proposes to increase enrollments in all three programs as part of its commitment to the preparation of nurses and faculty needed for the State of Florida. | \$1,000,000 |
| Accelerated Teacher Preparation | This request would increase the numbers of appropriately qualified teachers for reading, mathematics, science and special education students. Non-traditional undergraduate students, including professionals who have strong mathematics and science backgrounds and on-the-job experiences, are targeted to participate in the Accelerated Teacher Preparation Program (ATP). We will work with the human resources departments of major employers in central Florida, including Lockheed Martin, Boeing, Agere Systems, Kennedy Space Center, and similar companies, to identify retirees and mid-career professionals who may not have considered a career in teaching due to the cost of retooling and time constraints—two obstacles this program is designed to address. While a traditional Master of Arts in Education degree requires at least a two-year commitment, the ATP Program places professionals on a “fast-track” that can result in graduate degrees in a single year. | \$1,000,000 |
| Augment High Technology Workforce and Stimulate Economic Development | The following projects will be implemented, all of which contribute to Florida’s high-technology workforce and help to stimulate economic development within the region and across the state: Simulation and Training, Life Sciences Enhancement, Biophotonics, and High Speed Network for Research, Education & Economic Development. | \$1,500,000 |

**State University System
2004-2005 University Priorities Recommended by the Chancellor**

Florida International University

| Title | Brief Description/Justification | Request |
|-----------------------------------|--|-------------|
| Addressing the Teacher Shortage | The Miami-Dade County Public Schools (MDCPS) and Broward County Schools are the fourth and fifth largest schools districts in the United States. Each hires approximately 2,300 new teachers annually. Their needs for new teachers are projected to grow in coming years as a result of student population growth and Florida's legislative amendment to reduce class size. FIU's College of Education produces 25% of all the new teachers hired in MDCPS. Of the 2,229 teachers hired in MDCPS in 2002-03, 638 were FIU graduates. In Broward, FIU graduates accounted for about 7% of new teacher hires in recent years, and we suspect this number will grow. Additional funding would be used to target key audiences, high need areas, and expansion of programs to multiple sites: | \$1,000,000 |
| Addressing the Shortage of Nurses | The University seeks funding to double the capacity of its generic Bachelor of Science in Nursing program by establishing a new program at the University Park campus (UPC) in Fall 2004 while maintaining the current program at the Biscayne Bay campus (BBC). The School of Nursing, now located at the Biscayne Bay campus, is slated to move to the UPC in Fall 2004 in Phase II of the new Health and Life Sciences Bldg. Funding will enable the School to hire faculty and staff and admit a new cohort of generic BSN students to the UPC program. | \$1,000,000 |
| Graduate Enhancement | Achieving world-class nationally recognized institutions of higher learning by improving access, funding, performance, and accountability. In order to attract the brightest and best possible students we must provide competitive financial support as well as unique privileges and education. The base stipend for Graduate Assistants must be increased and benefits such as health insurance must be added. | \$1,500,000 |

**State University System
2004-2005 University Priorities Recommended by the Chancellor**

University of North Florida

| Title | Brief Description/Justification | Request |
|--|---|-----------|
| Enhance Enrollment in Nursing and Teaching Education | The University of North Florida is committed to addressing the acute shortages of teachers and nurses in the region and state. To this end, UNF requests support for programs that will enable the University to increase the number of students enrolled in and graduating from these professional fields. This program would provide stipends for the students and intensive on- sight clinical support for them while they are engaged in fieldwork. | \$753,000 |

**State University System
2004-2005 University Priorities Recommended by the Chancellor**

Florida Gulf Coast University

| Title | Brief Description/Justification | Request |
|---|--|----------------|
| Technological Expansion, Renewal, and Replacement | The University is seeking funding in order to not only maintain the current level of technology, but to enhance it with greater functionality. Classrooms with interactive video delivery systems and telephonic services delivered over the network backbone are just two examples of infinite number of technological advances that can be made. Incorporating an imaging system is also a goal of the university. It not only reduces paper but also reduces the need for storage areas for maintenance of records, especially student and faculty records. | \$1,200,000 |

**State University System
2004-2005 University Priorities Recommended by the Chancellor**

New College of Florida

| Title | Brief Description/Justification | Request |
|---|--|-----------|
| Enhance Quantitative Reasoning and Technological Skills | In order to assist students in developing and enhancing those proficiencies that comprise quantitative and technological literacy, New College is requesting new funding for additional quantitative reasoning and technology resources. Our internal program evaluation measures have highlighted the need for increased opportunities for students, faculty, and staff to hone quantitative and technological skills. This initiative is a direct response to those assessment outcomes. | \$375,640 |