

2011-12

Annual Accountability Report

UNIVERSITY OF CENTRAL FLORIDA



STATE UNIVERSITY SYSTEM *of* FLORIDA
Board of Governors



TABLE OF CONTENTS

EXECUTIVE SUMMARY

DASHBOARD	p. 2
KEY ACHIEVEMENTS	p. 4
NARRATIVE	p. 5

DATA TABLES

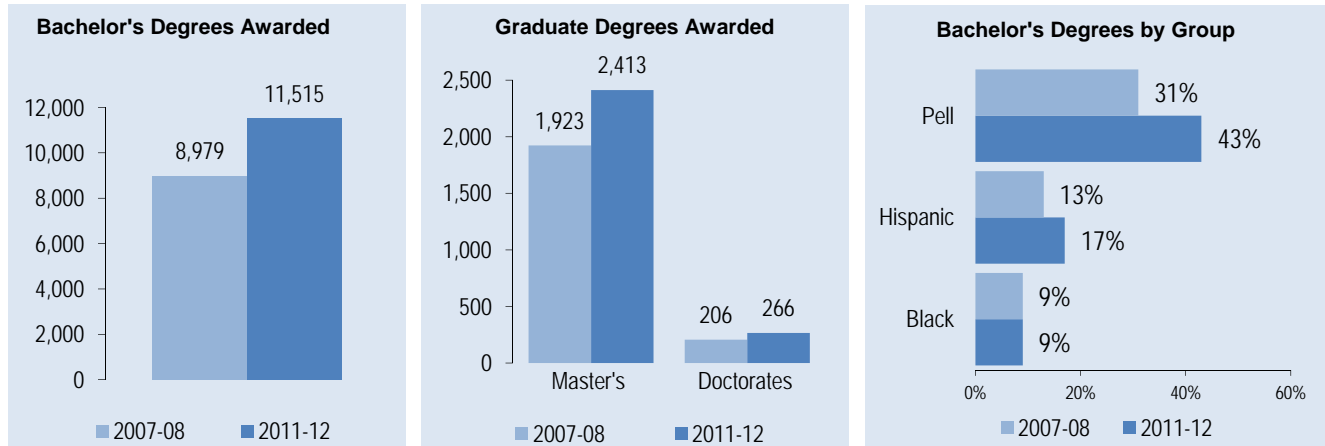
SECTION 1. FINANCIAL RESOURCES	p. 14
SECTION 2. PERSONNEL	p. 18
SECTION 3. ENROLLMENT	p. 19
SECTION 4. UNDERGRADUATE EDUCATION	p. 23
SECTION 5. GRADUATE EDUCATION	p. 33
SECTION 6. RESEARCH & ECONOMIC DEVELOPMENT	p. 36



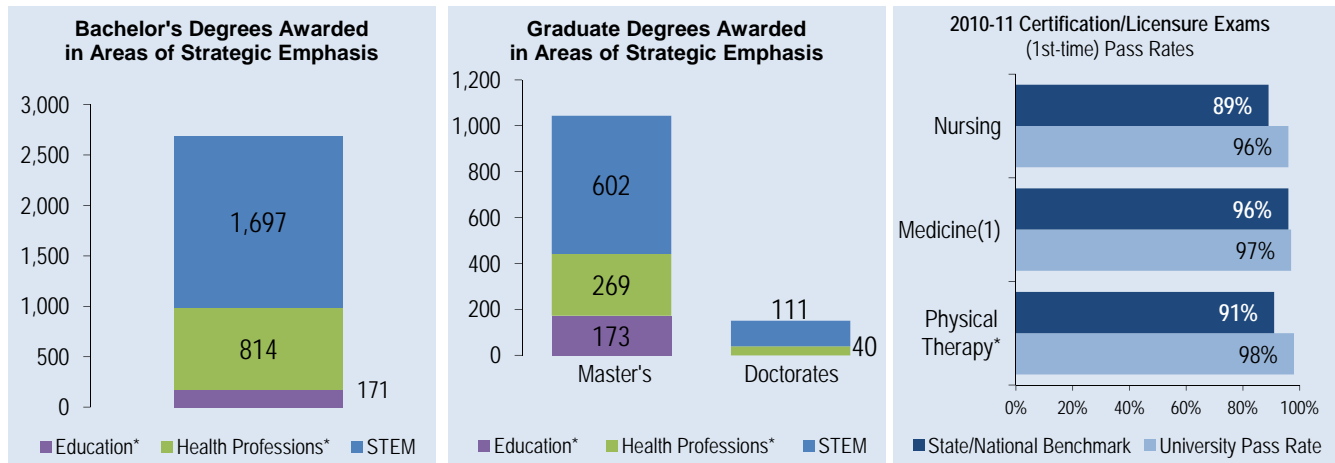
Dashboard

Campuses			Main Campus, Daytona, Lake Mary, Osceola, Cocoa, Palm Bay, Rosen Campus, South Lake				
Enrollments	Headcount	%	Degree Programs Offered (As of Spr. 2012)			Carnegie Classification	
TOTAL (Fall 2011)	58,698	100%	TOTAL	183		Undergraduate Instructional Program:	Professions plus arts & sciences, high graduate coexistence
Black	5,771	10%	Baccalaureate	81		Graduate Instructional Program:	Comprehensive doctoral (no medical/veterinary)
Hispanic	10,358	18%	Master's & Specialist's	76		Enrollment Profile:	High undergraduate
White	35,659	61%	Research Doctorate	23		Undergraduate Profile:	Medium full-time four-year, selective, higher transfer-in
Other	6,910	12%	Professional Doctorate	3		Size and Setting:	Large four-year, primarily nonresidential
Full-Time	40,969	70%	Faculty (Fall 2011)	Full-Time	Part-Time	Basic:	Research Universities (very high research activity)
Part-Time	17,729	30%		TOTAL	1,406		
Undergraduate	49,678	85%	Tenured & Track	785	19	Community Engagement:	Curricular Engagement and Outreach & Partnerships
Graduate	8,188	14%	Non-Tenure	621	20		
Unclassified	832	1%					

ACCESS TO AND PRODUCTION OF DEGREES



MEETING STATEWIDE PROFESSIONAL AND WORKFORCE NEEDS

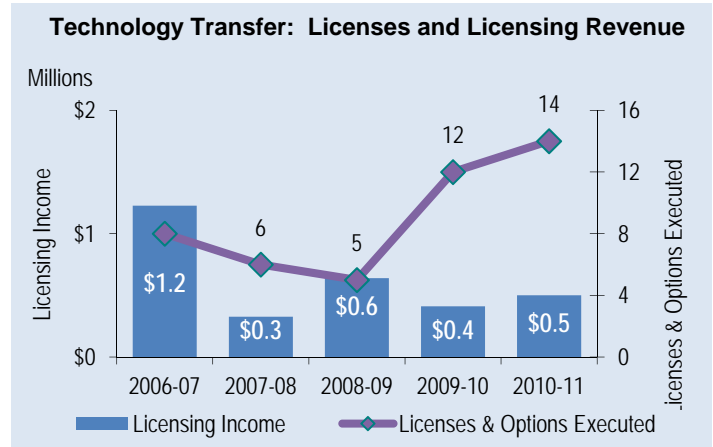
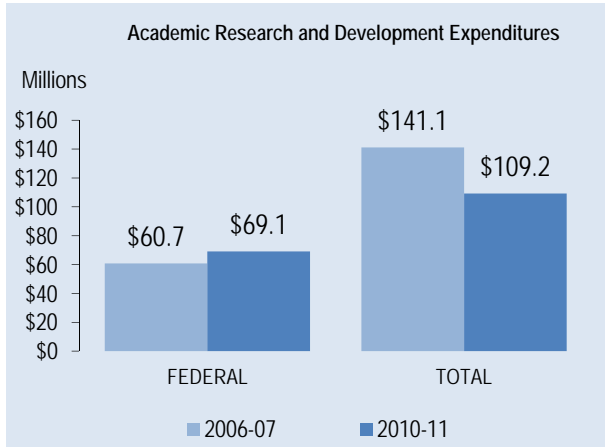


Notes for Areas of Strategic Emphasis: * Health Professions and Education are targeted for the disciplines in critical need in those fields and do not represent all degrees within the discipline.
Note on Exams: Based on 2008-2010 average due to small number of examinees.

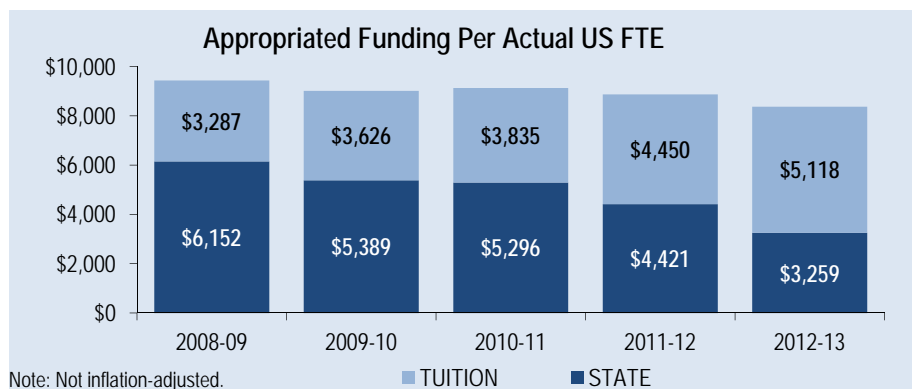
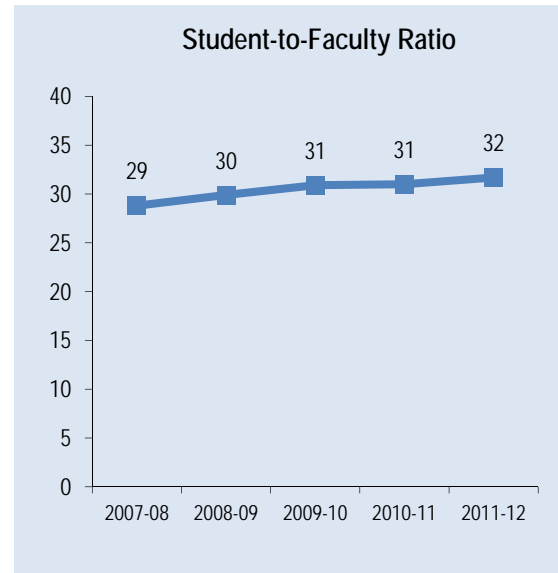
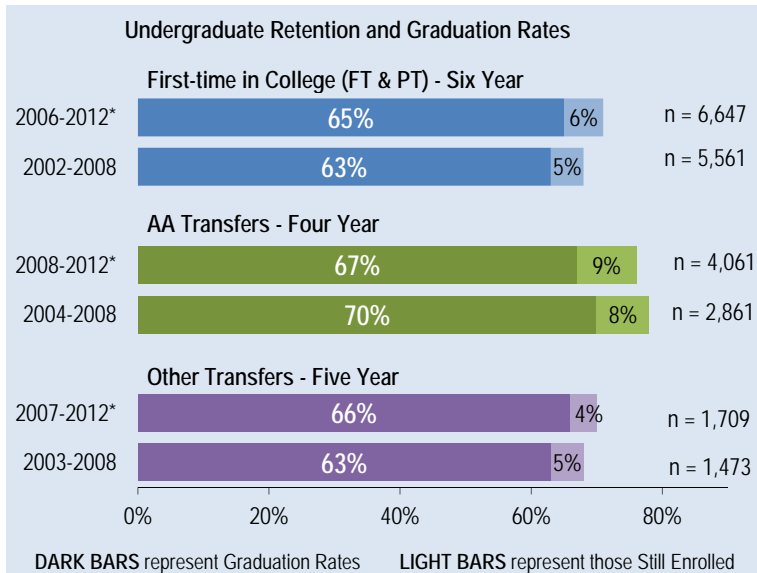


Dashboard

BUILDING WORLD-CLASS ACADEMIC PROGRAMS AND RESEARCH CAPACITY



RESOURCES, EFFICIENCIES, AND EFFECTIVENESS



Note: Tuition is the appropriated budget authority, not the amount actually collected. This tuition data does not include non-instructional local fees. State includes General Revenues, Lottery and Other Trust funds (i.e., Federal Stimulus for 2009-10 and 2010-11 only). Student FTE are actual (not funded) and based on the national definition.



Key Achievements

STUDENT AWARDS/ACHIEVEMENTS

1. Students awards: Astronaut Scholarship, Boren Scholarship, American Medical Association Foundation Minority Scholarship, Fulbright Fellowships, Goldwater Scholarship, Gilman International Scholarships, National Defense Science and Engineering Graduate Fellowship, NSF Graduate Research Fellowships, and Pickering Undergraduate Fellowship.
2. Student-athlete awards: Conference USA Commissioner's Academic Medals, 221 student athletes named to the 2011-12 Commissioner's Academic Honor Roll, and the UCF football team is tied for third in the nation in the number of team members with earned bachelor's degrees.
3. Organization achievements: first place in the NASCAR Kinetics competition, first place in the U.S. Department of Energy's Clean Energy Challenge, first place in the SAS Data Mining Shootout, and third place in the National Collegiate Sales Competition.

FACULTY AWARDS/ACHIEVEMENTS

1. Faculty members were awarded Fulbright Fellowships and NSF Early Faculty CAREER awards.
2. Faculty member recognitions: William A. Niering Outstanding Educator, Optical Society Wood Prize, Allan Krause Thermal Management Medal, Jefferson Science Fellow, College of American Pathologists Lifetime Achievement Award, Richard L. Keggs Outstanding Young Manufacturing Engineering Award, and *Princeton Review's* "The Best 300 Professors."
3. Faculty member listed by Thomson Reuters as one of the top 100 researchers in the field of materials science achieving the highest citation impact scores for publications since January 2000.

PROGRAM AWARDS/ACHIEVEMENTS

1. Florida Interactive Entertainment Academy ranked fourth in the nation for Graduate Game Design by *Princeton Review*.
2. Sport Business Management MS ranked a top five graduate sport business management program by the *Wall Street Journal*, *New York Times*, and *ESPN The Magazine*.
3. The Sport and Exercise Science BS program was accredited by the National Council for the Accreditation of Coaching Education (only 13 accredited organizations in the nation).

RESEARCH AWARDS/ACHIEVEMENTS

1. UCF placed among the top 10 award recipients with five research grants from the Defense University Research Instrumentation Program.
2. UCF team of researchers discovered an exoplanet candidate designated UCF 1.01
3. UCF earned the James S. Cogswell Outstanding Industrial Security Achievement Award, the nation's highest honor for protecting national security information.

INSTITUTIONAL AWARDS/ACHIEVEMENTS

1. *Kiplinger* and *The Princeton Review* have recognized a UCF education as one of the best values in the country.
2. *US News & World Report* ranked UCF among the "Top Up-and-Coming" national universities for the seventh year in a row.
3. UCF was awarded the 2011 President's Gold Level Volunteer Service Award for the third consecutive year.



Narrative

ACCESS TO AND PRODUCTION OF DEGREES

Enrollment:

- Fall 2011 enrollment was 58,698 making UCF the second largest university in the nation. Undergraduate enrollment increased by 4.9 percent to 50,002 and graduate enrollment increased by 0.1 percent to 8,696,
- UCF enrolled 74 National Merit Scholars in the Fall 2011 semester, the second most in the state.
- The average high school GPA of the freshman class was 3.87, an increase of .05 points. the average SAT was 1250 for the fall freshman class; The Burnett Honors College SAT average was 1387. The national average for SAT scores was 1011, and the Florida average was 976.
- Fall 2011 African-American and Hispanic enrollment reached 16,129, an increase of 10 percent.
- Distance-learning student credit hours increased: web or video courses totaled 405,223 student credit hours, an increase of 12 percent, and reduced seat-time courses totaled 96,081 student credit hours, an increase of 5.1 percent.
- The Fall 2011 UCF student body reflected the demographics of its area: 55 percent women, 18 percent Hispanic, 10 percent African American, and 5 percent Asian American.
- The College of Medicine successfully matriculated 80 students into the medical education program's third class.
- UCF Student Financial Assistance awarded more than \$400 million in financial assistance and provided more than \$2 million in student employment opportunities through the federal work-study program.
- UCF awarded 259 minority scholarships in 2011-12.
- UCF students won prestigious scholarships and fellowships including the Astronaut Scholarship, Boren Scholarship, American Medical Association Foundation Minority Scholarship, Fulbright Fellowships, Goldwater Scholarship, Gilman International Scholarships, National Defense Science and Engineering Graduate Fellowship, National Science Foundation Graduate Research Fellowships, and Pickering Undergraduate Fellowship.

Retention:

- The freshman retention rate was to 87.3 percent, exceeding the university's comparison and peer institution averages.
- Student Development and Enrollment Services provided 34 orientation sessions for 27,495 new students and their families.
- The First Year Advising and Exploration Office served 15,926 students, including 93 percent of the freshman class.
- The Sophomore and Second Year Center served 5,797 students. It also helped 80 percent of undeclared second-year students identify an academic major.
- The Student Academic Resource Center provided tutoring and supplemental instruction to more than 85,000 (duplicated count) students.
- The Recreation and Wellness Center had 1,000,359 visits.
- Housing and Residence Life sponsored 1,842 programs with over 45,000 attendees.



Degrees:

- This spring, UCF recognized its 200,000 alumnus. John C. Hitt has conferred 176,000 of those degrees during his more than 20-year tenure as president.
- UCF set a school record by awarding 14,368 degrees this academic year.
- UCF awarded 11,682 bachelor's degrees, an increase of 8.0 percent over the previous academic year, and the university ranked third nationally in this area (2010-11 rankings).
- UCF awarded 2,391 master's degrees, an increase of 7.2 percent; and 265 doctoral degrees, an increase of 7.0 percent. Nationally, UCF ranked in the top quartile for master's degrees and doctoral degrees granted (2010-11 rankings).
- *Diverse: Issues in Higher Education* ranked UCF among the top 10 schools in awarding degrees to minority students, placing fifth in awarding engineering graduate degrees to Hispanic students, 12th for total undergraduate degrees awarded to Hispanic students, and 18th for total undergraduate degrees awarded to African-American students.

MEETING STATEWIDE PROFESSIONAL AND WORKFORCE NEEDS

Curricular:

- Seventy-one faculty members participated in the Provost's Diversity Enhancement Program, which supports the hiring of tenure and tenure-track faculty members, and university librarians, to increase diversity and attract underrepresented faculty members in specified academic disciplines.
- The College of Graduate Studies coordinated the Florida Professional Science Master's Statewide Initiative, resulting in 34 active programs using the PSM format, of which 27 are now nationally certified as PSM programs.

Engagement:

- Approximately 21,000 experiential-learning students practiced in their community what they learned in the classroom. More than 9,700 academic service-learning students contributed approximately 210,000 volunteer hours of service, and they also generated in-kind donations valued at more than \$500,000. These students saved community partners approximately \$4.5 million in labor costs. More than 7,100 students participated in internships, and 4,200 students worked in co-operative education placements.
- 337 students participated in short-term study abroad programs in 23 countries, and 188 students participated in reciprocal exchange programs in 13 countries.
- Student Development and Enrollment Services documented 89,964 hours of service by students participating in Student Leadership Development, Greek organizations, Volunteer UCF, Knights Pantry, Alternative Spring Break, Volunteers uKnighited, and Knights Give Back Day of Service.
- The College of Medicine established UCF Pegasus Health, the college's new faculty clinical practice where physicians who are training the next generation of doctors bring their expertise and state-of-the-art patient care to community residents.
- This past year was an historic one for television services when WUCF TV became Central Florida's primary PBS station, reaching more than 3.5 million potential viewers. In addition, UCF's purchase of



WMFE TV's public broadcasting license and broadcast equipment was approved by the Board of Trustees.

- UCF was mentioned 1,354 times in media outlets. Publications mentioning UCF included *The New York Times*, *USA Today*, *New York Daily News*, *Wall Street Journal*, *US World & News Report*, *Inside Higher Education*, *Christian Science Monitor*, and *Wired* magazine. UCF also designed, developed, and delivered an updated *Pegasus Magazine* to more than 200,000 print and online readers.
- UCF's marketing efforts engaged 3.8 million unique visitors from 215 countries via the Web site www.ucf.edu, attracted readers from 189 countries to read online stories on UCF Today at <http://today.ucf.edu/>, achieved 122,000 Facebook fans throughout the world, and attracted 372,000 viewers to UCF on YouTube.

Partnerships:

- Career Services hosted 11 job fairs and career expos with over 6,000 student attendees and 800 employers.
- Transfer and Transition Services drafted, completed, or updated 11 articulation agreements with partnering colleges, and five dual enrollment agreements with partnering school districts, private high schools, and home schools.
- The UCF Business Incubator Program grew to 10 locations, served more than 130 client companies, and graduated 74 client companies. The program has been credited with creating more than 3,000 jobs with an average salary of \$59,000 and an overall economic impact to our community of \$300 million annually.
- The GrowFL technical assistance program helped more than 300 companies create more than 1,400 jobs in the first two years of the pilot program.
- Activities of the Office of Research and Commercialization directly resulted in 14 new companies being formed this past year.

Other:

- Joining the Board of Trustees this year were Meg Crofton, Alan Florez, Robert Garvey, Marcos Marchena, John Sprouls, and Cortez Whatley.
- Board of Trustees members awarded chairman *emeritus* status to former chair and charter member Rick Walsh and vice chairman *emeritus* status to former vice chair and charter member Tom Yochum for their distinguished service.
- Harris Rosen, charter member of the Board of Trustees and chief benefactor of the Rosen College of Hospitality Management, was the *Orlando Sentinel's* 2011 Central Floridian of the Year.
- After a successful national search, UCF named Oregon State University Executive Associate Athletic Director Todd Stansbury as Vice President and Director of Athletics.
- Dean Jose Fernandez was named one of Central Florida's 25 most influential Hispanics by *Vision Magazine*.
- The Sloan Consortium awarded Vice Provost and Chief Information Officer Joel Hartman the Frank Mayadas Leadership Award for his contribution to the success of UCF's online learning initiative.
- Three faculty members were awarded Fulbright grants: Dr. John Weishampel, College of Sciences; Dr. Po-Ju Chen, Rosen College of Hospitality Management; and Ms. Tan Huaixiang, College of Arts and Humanities.



- The Office of Global Perspectives reached more than 30,000 people in person and 30,000 electronically, and started multiple new initiatives, such as The India Center.
- Community Relations staff members coordinated the UCF team efforts benefiting the American Heart Walk, raising \$41,511.

BUILDING WORLD-CLASS ACADEMIC PROGRAMS AND RESEARCH CAPACITY

World-class Academic Programs:

- The Carnegie Foundation designated UCF to be a “very high research activity” institution, its highest ranking in that category.
- *Kiplinger* and *The Princeton Review* have recognized a UCF education as one of the best values in the country.
- UCF was ranked the fourth “up and coming” school in the country, according to the “2012 Best Colleges” listing of *US News & World Report*.
- According to *Forbes* magazine, UCF was one of the top 50 most-affordable colleges and universities in the nation.
- The College of Business Administration’s DeVos Sports Business Management Program was ranked in the top five such programs by *The Wall Street Journal* and *ESPN Magazine*.
- *The Princeton Review* ranked the Florida Interactive Entertainment Academy graduate-level video game design school fourth in the country.
- The College of Business Administration’s Dr. P. Phillips School of Real Estate ranked fifth out of 40 schools, according to the International Council of Shopping Centers.

Student Research:

- 378 students along with their faculty sponsors presented 284 poster presentations at the Showcase of Undergraduate Research Excellence, and students published 10 articles in the *UCF Undergraduate Research Journal*.
- The Office of Undergraduate Research implemented a new collaborative NSF grant (with the University of Alabama and Washington State University) called EURO – Enhancing Undergraduate Research Opportunities – beginning with a semester-long Introduction to Research course (Spring 2012).
- The Office of Undergraduate Research initiated a new STEM living-learning undergraduate research community, the Learning Environment and Academic Research Network (LEARN) with students living together, taking three classes together, and getting involved in research as a first-year student, sponsored by a NSF TUES grant.
- 155 students graduated with Honors in the Major distinction.
- 163 graduate students presented at the 2012 Research Forum, a 60 percent increase over the prior year.

Faculty Member and Staff Member Research:

- UCF secured \$128.95 million in extramural funding, an amount which was exceeded only in 2010 with the help of stimulus funds. This is the eighth consecutive year of securing more than \$100 million in funding.



- The university earned five research grants worth approximately \$1.2 million from the Defense University Research Instrumentation Program, which placed UCF among the top 10 award recipients in the country.
- Stories showcasing UCF's leading-edge research appeared in more than 200 science- and technology-related publications, including *New Scientist*, *Popular Science*, and *Nature News*. In addition, two science research projects were featured on the National Science Foundation Web site.
- UCF faculty members published more than 106 books, 262 book chapters, 1,949 peer-reviewed journal articles, and 493 conference proceedings. Faculty members also gave 294 invited exhibitions or performances and 2,866 peer-reviewed conference presentations.

MEETING COMMUNITY NEEDS AND FULFILLING UNIQUE INSTITUTIONAL RESPONSIBILITIES

Economic Impact and Development:

- The State and Local Government Affairs Office expanded the Legislative Scholars Internship Program for the 2011 legislative session and placed nine UCF students in 13 key Central Florida legislative offices.
- UCF and the neighboring Central Florida Research Park created more than 45,000 jobs with an economic impact of \$4.3 billion on the regional economy.
- The Florida High-Tech Corridor Council pairs faculty researchers from the three Corridor universities (UCF, USF, and UF) with regional corporate partners on applied research projects, and in fiscal year 2010-11, it funded 74 projects with 54 companies totaling more than \$9.3 million.

Outreach:

- The Office of Student Outreach Programs served 390 socio-economically or educationally disadvantaged local students and their families.
- The Office of Emergency Management developed the first Florida Emergency Management Student Association, which was adopted by the Federal Emergency Preparedness Association as a model student organization.
- The UCF Center for Multicultural and Multilingual Studies served 1,918 students, an increase of 51 percent.
- The International Services Center served 7,223 students, an increase of 4.62 percent.
- The UCF Department of Purchasing awarded \$1,127,000 in contracts to new diverse vendors identified through the on-campus Supplier Diversity Day Exposition, an increase of 300 percent.
- The Office of Undergraduate Research hosted the 4th Annual Florida Statewide Symposium for Engagement in Undergraduate Research.
- Community Relations staff members served on more than 66 community boards in leadership capacities.
- Through the Office of Community Relations, the university holds memberships and actively participates in 10 area Chambers of Commerce.

Foundation Fundraising:

- UCF donors contributed \$37.5 million to the university and its programs. This included \$5.7 million from alumni, \$8.7 million from corporate partners, \$15.9 million from friends of the university, \$5.1



million from foundations, and \$2.1 million from other organizations. Also committed were \$22.9 million in pledges, \$3.4 million in planned gifts, \$10.6 million in cash, and \$582,000 in gifts-in-kind.

PROGRESS ON PRIMARY INSTITUTIONAL GOALS AND METRICS *(as outlined in University Work Plan)*

High Quality Undergraduate Education Providing Access To and Production of Degrees, With a Focus on Improving Baccalaureate Retention and Graduation:

Metric	Goals for 2012-13	2011-12 Data
first-year retention	87.9% (2011 cohort)	87.3% (2010 cohort)
six-year graduation	65.7% (2007 cohort)	62.8% (2005 cohort)
bachelor's degrees awarded	11,081 (2012-13)	11,691 (2011-12)
online learning	25% of total SCH (2012-13)	32.2% (2011-12)

Graduate and Professional Education:

The UCF College of Medicine was granted provisional LCME accreditation in 2011 and is on target to achieve full LCME accreditation in 2013. The College will graduate its inaugural class in 2013.

To enhance excellence in doctoral degree programs with a focus on increasing student quality, retention, and graduation rates, the College of Graduate Studies has focused on the following activities: completed the second cycle of doctoral satisfaction surveys, improved coordination between the College of Sciences (COS) and the College of Graduate Studies by meeting with each graduate program within COS to discuss retention rates, and implemented a new policy requiring doctoral students to have academic integrity training by organizing Collaborative Institutional Training Initiative, Responsible Conduct of Research training and professional development workshops as part of our Pathways to Success Program for graduate students.

Research and Development:

Metric	Goals for 2012	Fiscal Year 2011
federal academic R&D expenditures	\$93.8 million	\$69.1 million
total academic R&D expenditures	\$160 million	\$109.2 million
licenses or options executed	10	14
licensing income	\$700,000	\$500,966

ADDITIONAL INFORMATION ON QUALITY, RESOURCES, EFFICIENCIES AND EFFECTIVENESS

Facilities and Sustainability Efforts:

- UCF received recognition by Orange County for “Exemplary Performance” in the operational efficiency of buildings.
- UCF received from Progress Energy a \$647,000 grant to construct a 107-kilowatt photovoltaic system to generate energy for the campus.



- Conservation initiatives yielded a reduction of 27 percent in electricity use, 27 percent in chilled water use, and 43 percent in natural gas use. Reductions saved approximately 4.4 million kilowatt hours of electricity valued at \$2 million, 3.6 million tons-per-hour of chilled water valued at \$440,000, and 64,000 therms of natural gas. The overall Energy Use Intensity of the Orlando campus has been reduced by 17 percent from the baseline year of 2005-06.
- UCF has restructured the natural gas purchasing rate, a move which will achieve an estimated \$200,000 in annual savings.
- Recent construction projects completed include 181 facilities-improvement projects throughout campus, the Barbara Ying Academic Center renovations, Baseball Stadium expansion, Campus Chilled Water System Piping expansion, Combined Heat and Power Facility, Computer Center I and II renovations, Deck and Tensile Awning Structure for Chick-fil-A, expansion of mass notification system for Towers I-IV and John T. Washington Center, Mechanical, Materials, and Aerospace Engineering Lab, Reclaimed Water System, Roth Tower Club Level restroom addition, UCF Pegasus Health Center.
- For the second consecutive year, the UCF Arena exceeded its financial goal by more than \$250,000.
- The Office of Emergency Management launched a new Web site, Knight S.H.A.R.E. (Students Helping Advocate Resources during Emergencies), that provides student information on emergency preparedness, campus safety, and violence prevention.
- The Department of Environmental Health and Safety received a City of Orlando Industrial Waste Pretreatment Program Certificate of Achievement for the UCF Health Sciences Campus at Lake Nona.
- Parking and Transportation Services partnered with the Student Government Association to provide two alternate modes of transportation: Zimride, a ride-sharing option, and Zipcar, a vehicle-lease option.
- UCF earned its second Tree Campus USA recognition from the Arbor Day Foundation.
- The UCF Shuttle Service transported 2,070,729 passengers, and the university implemented a courtesy tram transportation system for football game days.
- Business Services served more than 1.8 million on-campus meals.

Administrative Enhancements:

- UCF offers five baccalaureate and 24 graduate online degree programs, as well as 29 online graduate certificates.
- Online courses accounted for more than 94 percent of credit-hour growth between academic years 2010-11 and 2011-12.
- Nearly 59 percent, or 33,306 students, were enrolled in a fully-online or blended-learning course.
- Enrollments in online and blended-learning courses accounted for 32.7 percent of student credit hours.
- In partnership with the American Association of State Colleges and Universities, UCF received a \$250,000 Next Generation Learning Challenges grant to share its blended-learning model with other institutions.
- Online learning sections accounted for 32.2 percent of the university's total 1.55 million semester credit hours. Online courses generated over 94 percent of all SCH growth over the last year.
- Overall, online SCH production increased 10.4 percent. 72.1 percent of all UCF students registered in one or more online course.
- More than 3,300 online learning sections were offered in 2011-12, a five percent increase over the prior year.



- UCF's online courses are rated *excellent* by students more frequently than courses delivered by any other modality.
- The estimated savings in construction costs is nearly \$64 million.

Athletics:

- The American Football Coaches Association recognized UCF football for being one of just 17 institutions graduating at least 90 percent of the freshman student-athlete class of 2004.
- Spring Semester marked the ninth consecutive semester that UCF student-athletes have achieved at least a 3.0 grade point average.
- UCF led Conference USA's public institutions with 221 student-athletes named to the 2011-12 Commissioner's Academic Honor Roll, which requires a 3.0 grade point average or higher.
- In Spring Semester, 32 student-athletes achieved a perfect 4.0 grade point average for the semester.
- UCF boasts a competitive, broad-based athletics program that was 55th in the nationwide Directors' Cup rankings. That ranking placed UCF third among NCAA Division I institutions in the state of Florida.
- There were post-season appearances for both men's and women's soccer programs, including a run to the Elite Eight for the women's team.
- Men's basketball recorded its second consecutive season of 20-plus wins.
- Track and field athletes won a Conference USA championship and had a top-10 finish in the NCAA National Indoor Championships. Four student-athletes competed in the U.S. Olympic trials.
- UCF cheerleaders finished third at the 2012 College Cheerleading Championships. UCF has placed in the top 10 of the competition 17 times in the past 19 years.
- The UCF volleyball team received the 2010-11 Team Academic Award from the American Volleyball Coaches Association. To qualify for the award, the entire team must maintain a cumulative grade point average of 3.3 for the academic year.
- Women's outdoor track won its third-straight Conference USA championship. The team ranked 14th in the country.
- The UCF baseball team ranked 16th in the National Collegiate Baseball Writers Association poll.
- Softball advanced to the NCAA tournament for the fourth time in program history.
- UCF Women's golf team competed in the NCAA East Regional. Men's golf finished fifth at the NCAA Regionals at Stanford, and the team advanced to the NCAA championships.
- Golden Knights' Club Annual Fund pledges totaled \$1,736,274, a decrease of 1 percent.
- UCF athletics appeared on television a record 48 times, and 29 of those (also a record) were national television broadcasts.

ADDITIONAL RESOURCES

- **Carnegie Classification:**
http://classifications.carnegiefoundation.org/lookup_listings/view_institution.php?unit_id=132903&start_page=institution.php&clq=%7B%22first_letter%22%3A%22U%22%7D
- **Voluntary System of Accountability College Portrait of Undergraduate Education:**
http://www.iroffice.ucf.edu/college_portrait/index.html
- **Common Data Set:** <http://www.iroffice.ucf.edu/commondataset/index.html>
- **College Navigator:**
<http://nces.ed.gov/collegenavigator/?q=University+of+Central+Florida&s=all&id=132903>
- **University Institutional Research Unit:** <http://www.iroffice.ucf.edu/home.html>



Data Tables

FINANCIAL RESOURCES

- Table 1A. Education and General Revenues
- Table 1B. Education and General Expenditures
- Table 1C. Funding per Student FTE
- Table 1D. Other Budget Entities
- Table 1E. Voluntary Support of Higher Education

PERSONNEL

- Table 2A. Personnel Headcount

ENROLLMENT AND SPACE

- Table 3A. Full-time Equivalent (FTE) Enrollment
- Table 3B. Enrollment by Location



- Table 3C. Enrollment by Method of Instruction

UNDERGRADUATE EDUCATION

- Table 4A. Baccalaureate Degree Program Changes in AY 2011-2012
- Table 4B. Retention Rates
- Table 4C. FTIC Graduation Rates (Full-time)
- Table 4D. FTIC Graduation Rates (Full- and Part-time)
- Table 4E. AA Transfers Graduation Rates
- Table 4F. Other Transfers Graduation Rates
- Table 4G. Baccalaureate Degrees Awarded
- Table 4H. Baccalaureate Degrees Awarded in Areas of Strategic Emphasis
- Table 4I. Baccalaureate Degrees Awarded to Underrepresented Groups
- Table 4J. Baccalaureate Degrees Without Excess Credit Hours
- Table 4K. Undergraduate Course Offerings
- Table 4L. Faculty Teaching Undergraduates
- Table 4M. Undergraduate Instructional Faculty Compensation
- Table 4N. Student/Faculty Ratio
- Table 4O. Licensure/Certification Exam: Nursing (NCLEX)
- Table 4P. Tuition Differential Fee

GRADUATE EDUCATION

- Table 5A. Graduate Degree Program Changes in AY 2011-2012
- Table 5B. Graduate Degrees Awarded
- Table 5C. Graduate Degrees Awarded in Areas of Strategic Emphasis
- Table 5D. Licensure/Certification Exams for Graduate Programs

RESEARCH & ECONOMIC DEVELOPMENT

- Table 6A. Research and Development Expenditures
- Table 6B. Centers of Excellence
- Table 6C. State University Research Commercialization Assistance Grants
- Table 6D. 21st Century World Class Scholars Program



Section 1 – Financial Resources

TABLE 1A. University Education and General Revenues

	2008-09 Actual	2009-10 Actual	2010-11 Actual	2011-12 Actual	2012-13 Estimates
MAIN OPERATIONS					
Recurring State Funds	\$259,391,171	\$230,048,412	\$236,617,996	\$219,981,159	\$166,372,823
Non-Recurring State Funds	\$9,453,441	\$1,546,948	\$4,011,025	\$3,193,785	\$2,000,000
Tuition	\$136,190,791	\$153,543,780	\$171,296,902	\$188,596,560	\$188,412,816
Tuition Differential Fee	\$977,849	\$5,441,298	\$13,262,074	\$24,304,933	\$44,057,092
Misc. Fees & Fines	\$8,900,239	\$8,063,441	\$7,969,502	\$7,925,436	\$14,212,233
Phosphate Research TF	\$0	\$0	\$0	\$0	\$0
Federal Stimulus Funds	\$0	\$18,333,861	\$17,542,813	\$0	\$0
SUBTOTAL	\$414,913,491	\$416,977,740	\$450,700,312	\$444,001,873	\$415,054,964
HEALTH SCIENCE CENTER / MEDICAL SCHOOL					
Recurring State Funds	\$8,812,705	\$18,309,829	\$19,710,194	\$22,184,003	\$22,963,376
Non-Recurring State Funds	\$0	\$0	\$1,000,000	\$0	\$0
Tuition	\$0	\$820,000	\$2,438,201	\$4,674,909	\$7,773,215
Tuition Differential Fee	\$0	\$0	\$0	\$0	\$0
Misc. Fees & Fines	\$0	\$193,549	\$653,918	\$3,164,126	\$406,976
Phosphate Research TF	\$0	\$0	\$0	\$0	\$0
Federal Stimulus Funds	\$0	\$694,836	\$661,664	\$0	\$0
SUBTOTAL	\$8,812,705	\$20,018,214	\$24,463,977	\$30,023,038	\$31,143,567
INSTITUTE OF FOOD & AGRICULTURAL SCIENCES (IFAS)					
SUBTOTAL	\$0	\$0	\$0	\$0	\$0

TOTAL **\$423,726,196** **\$436,995,954** **\$475,164,289** **\$474,024,911** **\$446,198,531**

Recurring State Funds: State recurring funds include general revenue and lottery education & general (E&G) appropriations and any administered funds provided by the state, including annual adjustments of risk management insurance premiums for the estimated year. This does not include technical adjustments or transfers made by universities after the appropriation. Please note: for estimated 2012-13 this figure includes the non-recurring \$300 M system budget reduction. - Source: For actual years, SUS Final Amendment Packages; for estimated year the 2012-13 Allocation Summary and Workpapers (Total E&G general revenue & lottery minus non-recurring) and Board of Governors staff calculations for risk management insurance adjustments. **Non-Recurring State Funds:** State non-recurring funds include general revenue and lottery education & general appropriations and any administered funds provided by the state. This does not include technical adjustments or transfers made by Universities after the appropriation - Source: non-recurring appropriations section of the annual Allocation Summary and Workpapers document and all other non-recurring budget amendments allocated later in the fiscal year. **Tuition:** Actual resident & non-resident tuition revenues collected from students, net of fee waivers. - Source: Operating Budget, Report 625 – Schedule I-A. **Tuition Differential Fee:** Actual tuition differential revenues collected from undergraduate students - Source: Operating Budget, Report 625 – Schedule I-A. **Miscellaneous Fees & Fines:** Other revenue collections include items such as application fees, late registration fees, library fines, miscellaneous revenues. This is the total revenue from Report 625 minus tuition and tuition differential fee revenues. This does not include local fees - Source: Operating Budget, Report 625 – Schedule I-A. **Phosphate Research Trust Fund:** State appropriation for the Florida Industrial and Phosphate Research Institute at the University of South Florida (for history years through 2011-12); beginning 2012-13 the Phosphate Research Trust Fund is appropriated through Florida Polytechnic University. Other Operating Trust Funds- For UF-IFAS and UF-HSC, actual revenues from the Incidental Trust Funds and Operations & Maintenance Trust Fund are provided by the University of Florida. Source: Final Amendment Package. **Federal Stimulus Funds:** Non-recurring American Recovery and Reinvestment Act funds appropriated by the state - Source: SUS Final Amendment Package.



Section 1 – Financial Resources *(continued)*

TABLE 1B. University Education and General Expenditures

	2008-09 Actual	2009-10 Actual	2010-11 Actual	2011-12 Actual	2012-13 Estimates
MAIN OPERATIONS					
Instruction/Research	\$250,467,462	\$247,343,517	\$255,456,088	\$246,805,394	\$283,754,262
Administration and Support	\$47,312,281	\$45,213,786	\$49,496,890	\$48,181,160	\$38,861,355
PO&M	\$25,324,381	\$27,915,673	\$32,265,898	\$28,657,987	\$42,287,137
Student Services	\$20,142,728	\$20,817,735	\$24,335,198	\$31,577,267	\$40,254,822
Institutes and Research Centers	\$2,615,706	\$3,203,469	\$3,472,624	\$3,028,865	\$2,879,755
Radio/TV	\$0	\$0	\$0	\$801,448	\$0
Library/Audio Visual	\$13,222,153	\$13,208,381	\$13,923,281	\$12,478,605	\$6,745,050
Museums and Galleries	\$0	\$0	\$0	\$0	\$0
Agricultural Extension	\$0	\$0	\$0	\$0	\$0
Intercollegiate Athletics	\$268,359	\$268,359	\$0	\$268,359	\$268,359
Acad. Infrst. Support Org.	\$0	\$0	\$0	\$0	\$0
SUBTOTAL	\$359,353,070	\$357,970,920	\$378,949,979	\$371,799,085	\$415,050,740
HEALTH SCIENCE CENTER / MEDICAL SCHOOL					
Instruction/Research	\$4,312,882	\$15,958,269	\$15,329,758	\$19,470,681	\$26,844,453
Administration and Support	\$0	\$0	\$4,399,689	\$3,657,268	\$2,644,061
PO&M	\$0	\$0	\$193,636	\$300,641	\$715,545
Teaching Hospital & Clinics	\$0	\$0	\$0	\$0	\$0
Library/Audio Visual	\$0	\$0	\$647,429	\$633,400	\$939,508
Academic Infrst. Support Org.	\$0	\$0	\$0	\$0	\$0
Student Services	\$4,312,882	\$15,958,269	\$15,329,758	\$19,470,681	\$26,844,453
SUBTOTAL	\$4,312,882	\$15,958,269	\$20,570,512	\$24,061,990	\$31,143,567
INSTITUTE OF FOOD & AGRICULTURAL SCIENCES (IFAS)					
SUBTOTAL	\$0	\$0	\$0	\$0	\$0
TOTAL	\$363,665,952	\$373,929,189	\$399,520,491	\$395,861,075	\$446,194,307

The table reports the actual and estimated amount of expenditures from revenues appropriated by the legislature for each fiscal year. The expenditures are classified by Program Component (i.e., Instruction/Research, PO&M, Administration, etc...) for activities directly related to instruction, research and public service. The table does not include expenditures classified as non-operating expenditures (i.e., to service asset-related debts), and therefore excludes a small portion of the amount appropriated each year by the legislature. Also, the table does not include expenditures from funds carried forward from previous years. **Instruction & Research:** Includes expenditures for state services related to the instructional delivery system for advanced and professional education. Includes functions such as; all activities related to credit instruction that may be applied toward a postsecondary degree or certificate; non-project research and service performed to maintain professional effectiveness; individual or project research; academic computing support; academic source or curriculum development. Source: Operating Budget Summary - Expenditures by Program Activity (or Report 645). **Administration & Support Services:** Expenditures related to the executive direction and leadership for university operations and those internal management services which assist and support the delivery of academic programs. Source: Operating Budget Summary - Expenditures by Program Activity (or Report 645). **PO&M:** Plant Operations & Maintenance expenditures related to the cleaning and maintenance of existing grounds, the providing of utility services, and the planning and design of future plant expansion and modification Source: Operating Budget Summary - Expenditures by Program Activity (or Report 645). **Student Services:** Includes resources related to physical, psychological, and social well being of the student. Includes student service administration, social and cultural development, counseling and career guidance, financial aid, and student admissions and records. Source: Operating Budget Summary - Expenditures by Program Activity (or Report 645).



Section 1 – Financial Resources *(continued)*

TABLE 1C. State Funding per Full-Time Equivalent (FTE) Student

	2008-09 Actual	2009-10 Actual	2010-11 Actual	2011-12 Actual	2012-13 Estimates
Appropriated Funding per FTE					
General Revenue	\$5,522	\$4,466	\$4,354	\$3,791	\$2,793
Lottery Funds	\$630	\$528	\$582	\$630	\$466
Tuition & Fees	\$3,287	\$3,626	\$3,835	\$4,450	\$5,118
Other Trust Funds	\$0	\$395	\$360	\$0	\$0
TOTAL	\$9,439	\$9,015	\$9,130	\$8,872	\$8,377
Actual Funding per FTE					
Tuition & Fees	\$3,343	\$3,602	\$3,949	\$4,375	\$4,774
TOTAL	\$9,495	\$8,992	\$9,244	\$8,797	\$8,033

Notes: (1) FTE is based on actual FTE, not funded FTE; (2) does not include Health-Science Center funds or FTE; (3) FTE for these metrics uses the standard IPEDS definition of FTE, equal to 30 credit hours for undergraduates and 24 for graduates; and (4) actual funding per student is based on actual tuition and E&G fees (does not include local fees) collected. Sources: Appropriated totals from the annual Final Amendment Package data. Estimated year data from the Allocation Summary document. Actual Student Fees from the Operating Budget 625 reports. This does not include appropriations for special units (i.e., IFAS, Health Science Centers, and Medical Schools). Tuition and fee revenues include tuition and tuition differential fee and E&G fees (i.e., application, late registration, and library fees/fines). Other local fees that do not support E&G activities are not included here (see Board of Governors Regulation 7.003). This data is not adjusted for inflation.

TABLE 1D. University Other Budget Entities

	2008-09 Actual	2009-10 Actual	2010-11 Actual	2011-12 Actual	2012-13 Estimates
Auxiliary Enterprises					
Revenues	\$132,503,561	\$128,038,541	\$136,520,909	\$136,915,241	\$178,715,070
Expenditures	\$107,453,881	\$118,336,227	\$127,547,949	\$116,221,223	\$174,983,999
Contracts & Grants					
Revenues	\$116,181,754	\$107,835,863	\$108,430,999	\$108,717,456	\$125,202,438
Expenditures	\$115,897,154	\$112,130,008	\$130,104,487	\$149,848,597	\$154,597,904
Local Funds					
Revenues	\$328,391,243	\$388,390,432	\$445,605,694	\$470,686,703	\$580,963,951
Expenditures	\$328,576,201	\$398,202,043	\$461,282,530	\$491,662,088	\$610,856,904
Faculty Practice Plans					
Revenues	\$0	\$1,095	\$4,361	\$573,997	\$2,465,414
Expenditures	\$0	\$348,419	\$8,762,333	\$2,208,382	\$4,581,456

Notes: Revenues do not include transfers. Expenditures do not include non-operating expenditures. **Auxiliary Enterprises** are self supported through fees, payments and charges. Examples include housing, food services, bookstores, parking services, health centers. **Contract & Grants** resources are received from federal, state or private sources for the purposes of conducting research and public service activities. **Local Funds** are associated with student activity (supported by the student activity fee), student financial aid, concessions, intercollegiate athletics, technology fee, green fee, and student life & services fee. **Faculty Practice Plan** revenues/receipts are funds generated from faculty practice plan activities. Faculty Practice Plan expenditures include all expenditures relating to the faculty practice plans, including transfers between other funds and/or entities. This may result in double counting in information presented within the annual report. Source: Operating Budget, Report 615.



Section 1 – Financial Resources *(continued)*

TABLE 1E. Voluntary Support of Higher Education

	2006-07	2007-08	2008-09	2009-10	2010-11
Endowment Value (\$1000s)	\$116,291	\$114,990	\$91,951	\$102,739	\$127,129
Gifts Received (\$1000s)	\$53,577.6	\$23,956.7	\$15,708.4	\$31,791.2	\$19,731.8
Percentage of Alumni Donors	6%	5%	7%	5%	4%

Notes: **Endowment value** at the end of the fiscal year, as reported in the annual NACUBO Endowment Study. **Gifts Received** as reported in the Council for Aid to Education's Voluntary Support of Education (VSE) survey in the section entitled "Gift Income Summary," this is the sum of the present value of all gifts (including outright and deferred gifts) received for any purpose and from all sources during the fiscal year, excluding pledges and bequests. (There's a deferred gift calculator at www.cae.org/vse.) The present value of non-cash gifts is defined as the tax deduction to the donor as allowed by the IRS. **Percentage of Alumni Donors** as reported in the Council for Aid to Education's Voluntary Support of Education (VSE) survey in the section entitled "Additional Details," this is the number of alumni donors divided by the total number of alumni, as of the end of the fiscal year. "Alumni," as defined in this survey, include those holding a degree from the institution as well as those who attended the institution but did not earn a degree.



Section 2 – Personnel

TABLE 2A. Personnel Headcount (in Fall term only)

	2007	2008	2009	2010	2011
Full-time Faculty					
Tenured Faculty	504	520	547	564	579
Tenure-track Faculty	294	272	207	184	206
Non-Tenure Track Faculty	454	455	528	564	621
Instructors Without Faculty Status	0	0	0	3	0
Graduate Assistants/Associates	0	0	0	0	0
Executive/Administrative	480	482	539	517	564
Other Professional	1,414	1,503	1,300	1,471	1,481
Non-Professional	1,079	1,039	1,075	1,045	1,025
FULL-TIME SUBTOTAL	4,225	4,271	4,196	4,348	4,476
Part-time Faculty					
Tenured Faculty	15	19	1	14	18
Tenure-track Faculty	2	2	1	0	1
Non-Tenure Track Faculty	63	65	10	15	20
Instructors Without Faculty Status	603	617	698	719	735
Graduate Assistants/Associates	1,764	1,698	1,335	1,509	1,541
Executive/Administrative	5	8	7	9	8
Other Professional	21	25	21	19	20
Non-Professional	5	7	9	7	3
PART-TIME SUBTOTAL	2,478	2,441	2,082	2,292	2,346
TOTAL	6,703	6,712	6,278	6,640	6,822

Note: This table is based on the annual IPEDS Human Resources Survey, and provides full- and part-time medical and non-medical staff by faculty status and primary function/occupational activity. **Tenured and Tenure-Track Faculty** include those categorized within instruction, research, or public service. **Non-Tenure Track Faculty** includes adjunct faculty and faculty on multi-year contracts categorized within instruction, research, or public service. **Instructors Without Faculty Status** includes postdoctoral research associates, and individuals hired as a staff member primarily to do research on a 3-year contract without tenure eligibility categorized within instruction, research, or public service. **Executive/Administrative** refers to all executive, administrative and managerial positions regardless of faculty status. **Other Professional** refers to support and service positions regardless of faculty status.



Section 3 – Enrollment

TABLE 3A. Full-Time Equivalent (FTE) Enrollment

	2010-11		2011-12		2012-13	
	Funded	Actual	Funded	Actual	Funded	Estimated
FLORIDA RESIDENTS						
Lower	10,306	11,353	10,306	11,557	10,306	11,278
Upper	16,000	19,974	16,000	21,080	16,000	22,218
Grad I	2,627	3,075	2,627	2,969	2,627	2,985
Grad II	379	572	379	560	379	562
Total	29,312	34,975	29,312	36,166	29,012	37,043
NON-FLORIDA RESIDENTS						
Lower	.	443	.	471	.	460
Upper	.	482	.	523	.	551
Grad I	.	297	.	308	.	310
Grad II	.	369	.	387	.	388
Total	1,528	1,590	1,528	1,689	1,528	1,709
TOTAL FTE						
Lower	.	11,796	.	12,028	.	11,738
Upper	.	20,456	.	21,603	.	22,769
Grad I	.	3,372	.	3,277	.	3,295
Grad II	.	942	.	947	.	950
Total FTE	30,840	36,565	30,840	37,855	30,840	38,752
Total FTE (US Definition)	41,120	48,753	41,120	50,473	41,120	51,669

Headcount for Medical Doctorates

Residents	100	76	160	135	240	211
Non-Residents	0	24	20	44	40	69
Total	100	100	180	179	280	280

Notes: Full-time Equivalent (FTE) student is a measure of instructional effort (and student activity) that is based on the number of credit hours that students enroll. FTE is based on the Florida definition, which divides undergraduate credit hours by 40 and graduate credit hours by 32 (US definition based on Undergraduate FTE = 30 and Graduate FTE = 24 credit hours). **Funded** enrollment as reported in the General Appropriations Act and set by the legislature. **Actual** enrollment only reports 'state-fundable' FTE as reported by Universities to the Board of Governors in the Student Instruction File (SIF). **Estimated** enrollment as reported by Universities to the Board of Governors in their Enrollment Plans. Totals are actual and may not equal sum of reported student levels due to rounding of student level FTE. Actual Medical headcounts (includes Medicine, Dentistry, and Veterinary programs) are based on Fall enrollment data.



Section 3 – Enrollment *(continued)*

TABLE 3B. Full-Time Equivalent (FTE) Enrollment by Location

	2010-11 Actual	2011-12 Actual	2012-13 Estimated
MAIN CAMPUS			
LOWER-DIVISION	10,890	11,045	10,692
UPPER-DIVISION	15,170	16,053	16,895
MASTER'S (GRAD I)	2,828	2,626	2,635
DOCTORAL (GRAD II)	740	905	915
TOTAL	29,628	30,629	31,138
SITE: ROSEN COLLEGE OF HOSPITALITY MGMT			
LOWER-DIVISION	364	375	383
UPPER-DIVISION	960	951	973
MASTER'S (GRAD I)	38	40	44
DOCTORAL (GRAD II)	4	6	0
TOTAL	1,366	1,370	1,401
SITE: DAYTONA BEACH			
LOWER-DIVISION	0	0	0
UPPER-DIVISION	221	210	210
MASTER'S (GRAD I)	48	52	52
DOCTORAL (GRAD II)	1	0	0
TOTAL	270	263	263
SITE: COCOA			
LOWER-DIVISION	0	0	0
UPPER-DIVISION	306	285	285
MASTER'S (GRAD I)	54	33	34
DOCTORAL (GRAD II)	0	0	0
TOTAL	360	318	319
SITE: SOUTH LAKE/LEESBURG/OCALA			
LOWER-DIVISION	0	4	0
UPPER-DIVISION	246	216	216
MASTER'S (GRAD I)	0	0	0
DOCTORAL (GRAD II)	0	0	0
TOTAL	246	220	216



Section 3 – Enrollment *(continued)*

TABLE 3B. Full-Time Equivalent (FTE) Enrollment by Location *(continued)*

	2010-11 Actual	2011-12 Actual	2012-13 Estimated
SITE: VALENCIA WEST			
LOWER-DIVISION	0	0	0
UPPER-DIVISION	262	321	337
MASTER'S (GRAD I)	5	9	10
DOCTORAL (GRAD II)	0	0	0
TOTAL	267	331	347
SITE: SANFORD/LAKE MARY			
LOWER-DIVISION	0	0	0
UPPER-DIVISION	194	179	185
MASTER'S (GRAD I)	7	14	14
DOCTORAL (GRAD II)	1	0	0
TOTAL	202	193	199
OTHER PHYSICAL LOCATIONS			
LOWER-DIVISION	22	25	24
UPPER-DIVISION	572	555	566
MASTER'S (GRAD I)	282	263	263
DOCTORAL (GRAD II)	42	25	25
TOTAL	917	868	878
REGIONAL - VIRTUAL			
LOWER-DIVISION	519	579	637
UPPER-DIVISION	2,525	2,836	3,102
MASTER'S (GRAD I)	255	240	242
DOCTORAL (GRAD II)	9	10	10
TOTAL	3,309	3,666	3,992
TOTAL			
LOWER-DIVISION	11,796	12,028	11,738
UPPER-DIVISION	20,456	21,603	22,769
MASTER'S (GRAD I)	3,372	3,277	3,295
DOCTORAL (GRAD II)	942	947	950
TOTAL	36,565	37,855	38,752

Notes: "Site" refers to each distinct physical location that has or is planned to have more than 150 State-fundable FTE enrollments. Totals are actual and may not equal sum of reported student levels due to rounding of student level FTE. Total FTE are equal in tables 3A, 3B, and 3C. See table 3C for details on Distance Learning.



Section 3 – Enrollment *(continued)*

TABLE 3C. Full-Time Equivalent (FTE) Enrollment by Method of Instruction

	2010-11	2011-12
TRADITIONAL		
LOWER-DIVISION	9,760	9,673
UPPER-DIVISION	12,902	13,477
MASTER'S (GRAD I)	1,891	1,813
DOCTORAL (GRAD II)	761	748
TOTAL	25,314	25,712
HYBRID		
LOWER-DIVISION	525	538
UPPER-DIVISION	1,379	1,427
MASTER'S (GRAD I)	344	379
DOCTORAL (GRAD II)	56	66
TOTAL	2,304	2,410
DISTANCE LEARNING		
LOWER-DIVISION	1,511	1,817
UPPER-DIVISION	6,175	6,699
MASTER'S (GRAD I)	1,137	1,084
DOCTORAL (GRAD II)	125	133
TOTAL	8,947	9,733
TOTAL		
LOWER-DIVISION	11,796	12,028
UPPER-DIVISION	20,456	21,603
MASTER'S (GRAD I)	3,372	3,277
DOCTORAL (GRAD II)	942	947
TOTAL	36,565	37,855

Note: Full-time Equivalent (FTE) student is a measure of instructional effort (and student activity) that is based on the number of credit hours that students enroll. FTE is based on the Florida definition, which divides undergraduate credit hours by 40 and graduate credit hours by 32. **Distance Learning** is a course in which at least 80 percent of the direct instruction of the course is delivered using some form of technology when the student and instructor are separated by time or space, or both (per 1009.24(17), *F.S.*). **Hybrid** is a course where 50% to 79% of the instruction is delivered using some form of technology, when the student and instructor are separated by time or space, or both (per SUDS data element 2052). **Traditional (and Technology Enhanced)** refers to primarily face to face instruction utilizing some form of technology for delivery of supplemental course materials for *no more* than 49% of instruction (per SUDS data element 2052). Totals are actual and may not equal sum of reported student levels due to rounding of student level FTE. Total FTE are equal in tables 3A, 3B, and 3C.



Section 4 – Undergraduate Education

TABLE 4A. Baccalaureate Degree Program Changes in AY 2011-12

Title of Program	Six-digit CIP Code	Degree Level	Date of UBOT Action	Starting or Ending Term	Comments
New Programs					
None					
Terminated Programs					
None					
Inactive Programs					
None					
New Programs Considered By University But Not Approved					
Photonics BS (14.1003) – delayed program consideration to 2012-13					
Women’s Studies BA (05.0207) – university reconsidered and has no plans at this time to pursue					

Note: This table does not include new majors or concentrations added under an existing degree program CIP Code. This table reports the program changes between May 5, 2011 and May 4, 2012. **New Programs** are proposed new degree programs that have been completely through the approval process at the university and, if appropriate, the Board of Governors. Does not include new majors or concentrations added under an existing degree program CIP Code. **Terminated Programs** are degree programs for which the entire CIP Code has been terminated and removed from the university's inventory of degree programs. Does not include majors or concentrations terminated under an existing degree program CIP Code if the code is to remain active on the academic degree inventory. **Inactive Programs** are degree programs for which enrollments have been temporarily suspended for the entire CIP Code, but the program CIP Code has not been terminated. Does not include majors or concentrations suspended under an existing degree program CIP Code if the code is to remain active on the academic degree inventory and new enrollments in any active major will be reported. **New Programs Considered by University But Not Approved** includes any programs considered by the university board of trustees, or any committee of the board, but not approved for implementation. Also include any programs that were returned prior to board consideration by the university administration for additional development, significant revisions, or re-conceptualization; regardless of whether the proposal was eventually taken to the university board for approval. Count the returns once per program, not multiple times the proposal was returned for revisions, unless there is a total re-conceptualization that brings forward a substantially different program in a different CIP Code.



Section 4 – Undergraduate Education *(continued)*

TABLE 4B. Retention Rates

Full-time FTIC Retained in the Second Fall Term at Same University

	2007-08	2008-09	2009-10	2010-11	2011-12 Preliminary
Cohort Size	6,355	6,142	6,257	6,032	6,183
% Retained	86%	87%	87%	87%	88%
% Retained <i>with GPA of 2.0 or higher</i>	83%	86%	86%	86%	86%

Notes: **Cohorts** are based on undergraduate students who enter the institution in the Fall term (or Summer term and continue into the Fall term). **Percent Retained** is based on student enrollment in the Fall term following their first year. **Percent Retained with GPA Above 2.0** is based on student enrollment in the Fall term following their first years for those students with a GPA of 2.0 or higher at the end of their first year (Fall, Spring, Summer). The most recent year of Retention data is based on preliminary data (SIFP file) that is comparable to the final data (SIF file) but may be revised in the following years based on changes in student cohorts.

TABLE 4C. FTIC Graduation Rates

for Full-Time, First-Time-in-College (FTIC) Undergraduate Students at Same University

Term of Entry	2002-08	2003-09	2004-10	2005-11	2006-12 Preliminary
Cohort Size	5,269	5,653	5,710	6,041	6,390
% Graduated	64%	63%	64%	63%	65%
% <i>Still Enrolled</i>	6%	6%	5%	5%	5%
% <i>Success Rate</i>	69%	69%	69%	68%	70%

Notes: **Cohorts** are based on undergraduate students who enter the institution in the Fall term (or Summer term and continue into the Fall term). **Percent Graduated** is based on federal rate and does not include students who originally enroll as part-time students, or who transfer into the institution. This metric complies with the requirements of the federal Student Right to Know Act that requires institutions to report the completion status at 150% of normal time (or six years). **Success Rate** measures the percentage of an initial cohort of students who have either graduated or are still enrolled at the same university. Since degrees can be awarded after the last semester of coursework, the most recent year of data in this table provides preliminary data that may change with the addition of "late degrees". Late degrees reported in conjunction with the IPEDS Graduation Rate Survey due in mid-April will be reflected in the following year.



Section 4 – Undergraduate Education *(continued)*

TABLE 4D. FTIC Progression and Graduation Rates

4 – Year Rates	2004-08	2005-09	2006-10	2007-11	2008-12 Preliminary
Full- & Part-time Cohort	5,909	6,320	6,650	6,591	6,323
<i>From Same University</i>					
% Graduated	34%	33%	35%	35%	40%
% Still Enrolled	38%	39%	39%	41%	38%
<i>From Other SUS University</i>					
% Graduated	2%	2%	2%	1%	2%
% Still Enrolled	6%	5%	5%	4%	5%
<i>From State University System</i>					
% Graduated	37%	35%	37%	37%	41%
% Still Enrolled	43%	44%	44%	45%	42%
% Success Rate	80%	78%	80%	81%	84%
6 – Year Rates	2002-08	2003-09	2004-10	2005-11	2006-12 Preliminary
Full- & Part-time Cohort	5,561	5,918	5,909	6,305	6,647
<i>From Same University</i>					
% Graduated	63%	63%	63%	62%	65%
% Still Enrolled	6%	6%	5%	5%	6%
<i>From Other SUS University</i>					
% Graduated	6%	6%	6%	6%	5%
% Still Enrolled	2%	3%	3%	2%	2%
<i>From State University System</i>					
% Graduated	69%	68%	69%	68%	70%
% Still Enrolled	8%	9%	8%	8%	7%
% Success Rate	77%	77%	77%	75%	77%

Notes: First-time-in-college (FTIC) cohort is defined as undergraduates entering in fall term (or summer continuing to fall) with fewer than 12 hours earned since high school graduation. (1) Cohorts are based on undergraduate students who enter the institution in the Fall term (or Summer term and continue into the Fall term). Students of degree programs longer than four years (eg, PharmD) are included in the cohorts. The initial cohorts are revised to remove students, who have allowable exclusions as defined by IPEDS, from the cohort. (2) Success Rate measures the percentage of an initial cohort of students who have either graduated or are still enrolled. (3) Since degrees can be awarded after the last semester of coursework, the most recent year of data in this table provides preliminary graduation rate data that may change with the addition of "late degrees". Late degrees reported in conjunction with the IPEDS Graduation Rate Survey due in mid-April will be reflected in the following year.



Section 4 – Undergraduate Education *(continued)*

TABLE 4E. AA Transfer Progression and Graduation Rates

2 – Year Rates	2006-08	2007-09	2008-10	2009-11	2010-12 Preliminary
Cohort	2,849	3,537	4,061	4,875	5,323
<i>From Same University</i>					
% Graduated	31%	32%	30%	28%	28%
% Still Enrolled	52%	51%	54%	55%	55%
<i>From Other SUS University</i>					
% Graduated	0%	0%	0%	0%	0%
% Still Enrolled	2%	2%	2%	2%	2%
<i>From State University System</i>					
% Graduated	32%	32%	30%	29%	28%
% Still Enrolled	53%	53%	55%	57%	57%
% Success Rate	85%	85%	85%	85%	85%
4 – Year Rates	2004-08	2005-09	2006-10	2007-11	2008-12 Preliminary
Cohort	2,861	2,719	2,849	3,537	4,061
<i>From Same University</i>					
% Graduated	70%	64%	66%	67%	67%
% Still Enrolled	8%	9%	8%	8%	9%
<i>From Other SUS University</i>					
% Graduated	1%	1%	1%	2%	2%
% Still Enrolled	1%	1%	2%	2%	1%
<i>From State University System</i>					
% Graduated	72%	65%	67%	69%	69%
% Still Enrolled	9%	11%	9%	9%	10%
% Success Rate	81%	76%	77%	78%	79%

Notes: AA Transfer cohort is defined as undergraduates entering in the fall term (or summer continuing to fall) and having earned an AA degree from an institution in the Florida College System. (1) Cohorts are based on undergraduate students who enter the institution in the Fall term (or Summer term and continue into the Fall term); (2) Success Rate measures the percentage of an initial cohort of students who have either graduated or are still enrolled; (3) since degrees can be awarded after the last semester of coursework, the most recent year of data in this table provides preliminary graduation rate data that may change with the addition of "late degrees". Late degrees reported in conjunction with the IPEDS Graduation Rate Survey due in mid-April will be reflected in the following year.



Section 4 – Undergraduate Education *(continued)*

TABLE 4F. Other Transfer Progression and Graduation Rates

5 – Year Rates	2003-08	2004-09	2005-10	2006-11	2007- 12 Preliminary
Cohort Size	1,473	1,103	2,208	2,111	1,709
<i>From Same University</i>					
% Graduated	63%	67%	67%	69%	66%
% Still Enrolled	5%	4%	4%	4%	4%
<i>From Other SUS University</i>					
% Graduated	3%	3%	3%	2%	3%
% Still Enrolled	1%	1%	1%	1%	1%
<i>From State University System</i>					
% Graduated	66%	71%	69%	71%	69%
% Still Enrolled	6%	6%	5%	5%	6%
% Success Rate	72%	76%	75%	77%	74%

Notes: (1) Cohorts are based on undergraduate students who enter the institution in the Fall term (or Summer term and continue into the Fall term); (2) Success Rate measures the percentage of an initial cohort of students who have either graduated or are still enrolled; (3) since degrees can be awarded after the last semester of coursework, the most recent year of data in this table provides preliminary graduation rate data that may change with the addition of "late degrees". Late degrees reported in conjunction with the IPEDS Graduation Rate Survey due in mid-April will be reflected in the following year.



Section 4 – Undergraduate Education *(continued)*

TABLE 4G. Baccalaureate Degrees Awarded

	2007-08	2008-09	2009-10	2010-11	2011-12
TOTAL	8,979	9,373	9,969	10,646	11,515

Notes: This is a count of baccalaureate degrees granted. Students who earn two distinct degrees in the same term are counted twice – whether their degrees are from the same six-digit CIP code or different CIP codes. Students who earn only one degree are counted once – even if they completed multiple majors or tracks.

TABLE 4H. Baccalaureate Degrees Awarded in Areas of Strategic Emphasis

	2007-08	2008-09	2009-10	2010-11	2011-12
Science, Technology, Engineering, and Math	1,393	1,394	1,484	1,651	1,697
Health Professions <i>*only disciplines in critical need</i>	578	565	664	682	814
Security and Emergency Services	414	396	375	377	460
Globalization	332	385	456	520	560
Education <i>*only disciplines in critical need</i>	151	174	146	176	171
SUBTOTAL	2,868	2,914	3,125	3,406	3,702
<i>Percent of ALL Baccalaureate Degrees</i>	<i>32%</i>	<i>31%</i>	<i>31%</i>	<i>31%</i>	<i>32%</i>

Notes: This is a count of baccalaureate majors for specific Areas of Strategic Emphasis, as determined by the Board of Governors staff with consultation with business and industry groups and input from universities. A student who has multiple majors in the subset of targeted Classification of Instruction Program codes will be counted twice (i.e., double-majors are included). * This data represents select disciplines within these five areas and does not reflect all degrees awarded within the general field (of education or health).



Section 4 – Undergraduate Education *(continued)*

TABLE 4I. Baccalaureate Degrees Awarded to Underrepresented Groups

	2007-08	2008-09	2009-10	2010-11	2011-12
Non-Hispanic Black					
Number of Degrees	718	753	852	939	988
Percentage of Degrees	9%	9%	9%	9%	9%
Hispanic					
Number of Degrees	1,066	1,163	1,296	1,604	1,868
Percentage of Degrees	13%	13%	14%	16%	17%
Pell-Grant Recipients					
Number of Degrees	2,771	2,955	3,289	3,989	4,877
Percentage of Degrees	31%	32%	33%	38%	43%

Note: **Non-Hispanic Black** and **Hispanic** do not include students classified as Non-Resident Alien or students with a missing race code. Students who earn two distinct degrees in the same term are counted twice – whether their degrees are from the same six-digit CIP code or different CIP codes. Students who earn only one degree are counted once – even if they completed multiple majors or tracks. Percentage of Degrees is based on the number of baccalaureate degrees awarded to non-Hispanic Black and Hispanic students divided by the total degrees awarded - excluding those awarded to non-resident aliens and unreported. **Pell-Grant recipients** are defined as those students who have received a Pell grant from any SUS Institution within six years of graduation - excluding those awarded to non-resident aliens, who are only eligible for Pell grants in special circumstances. Percentage of Degrees is based on the number of baccalaureate degrees awarded to Pell recipients, as shown above, divided by the total degrees awarded - excluding those awarded to non-resident aliens. The number of degrees awarded to Pell recipients in 2010-11 is significantly higher in this year's report than last year's report due to a timing issue of when financial aid data is updated.



Section 4 – Undergraduate Education *(continued)*

TABLE 4J. Baccalaureate Degrees Without Excess Credit Hours

	2007-08	2008-09	2009-10	2010-11	2011-12
FTIC	57%	66%	57%	57%	66%
AA Transfers	75%	77%	69%	66%	67%
Other Transfers	65%	66%	57%	49%	55%
TOTAL	66%	71%	62%	61%	65%

Notes: This table is based on statute 1009.286 (see [link](#)), and excludes certain types of student credits (ie, accelerated mechanisms, remedial coursework, non-native credit hours that are not used toward the degree, non-native credit hours from failed, incomplete, withdrawn, or repeated courses, credit hours from internship programs, credit hours up to 10 foreign language credit hours for transfer students in Florida, and credit hours earned in military science courses that are part of the Reserve Officers' Training Corps (ROTC) program). This metric is not the same as the Excess Hours Surcharge, which has multiple cohorts with varying fee rates. This table reports the percentage of baccalaureate degrees awarded within 110% of the catalog hours required for a degree based on the Board of Governors Academic Program Inventory. This calculation is based on Hours To Degree data submitted by universities to the Board of Governors and excludes recent graduates who have already earned a baccalaureate degree.

TABLE 4K. Undergraduate Course Offerings

	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall 2011
Number of Course Sections	3,031	2,984	3,161	3,398	3,423

Percentage of Undergraduate Course Sections by Class Size

Fewer than 30 Students	49%	47%	49%	49%	47%
30 to 49 Students	25%	28%	26%	28%	29%
50 to 99 Students	19%	18%	18%	16%	17%
100 or More Students	6%	7%	7%	7%	7%

Notes: This data is based on Common Data Set (CDS) definitions. According to CDS, a "class section is an organized course offered for credit, identified by discipline and number, meeting at a stated time or times in a classroom or similar setting, and not a subsection such as a laboratory or discussion session. Undergraduate class sections are defined as any sections in which at least one degree-seeking undergraduate student is enrolled for credit. Exclude distance learning classes and noncredit classes and individual instruction such as dissertation or thesis research, music instruction, or one-to-one readings. Exclude students in independent study, co-operative programs, internships, foreign language taped tutor sessions, practicums, and all students in one-on-one classes.



Section 4 – Undergraduate Education *(continued)*

TABLE 4L. Percentage of Undergraduate Credit Hours Taught by

	2007-08	2008-09	2009-10	2010-11	2011-12
Faculty	78%	78%	79%	76%	77%
Adjunct Faculty	16%	17%	16%	18%	17%
Graduate Students	6%	5%	4%	6%	6%
Other Instructors	1%	1%	1%	1%	0%

Note: The total number of undergraduate state fundable credit hours taught will be divided by the undergraduate credit hours taught by each instructor type to create a distribution of the percentage taught by each instructor type. Four instructor types are defined as faculty (pay plans 01, 02, and 22), OPS faculty (pay plan 06), graduate student instructors (pay plan 05), and others (all other pay plans). If a course has more than one instructor, then the university's reported allocation of section effort will determine the allocation of the course's total credit hours to each instructor. The definition of faculty varies for Tables 4L, 4M and 4N. For Faculty Teaching Undergraduates, the definition of faculty is based on pay plans 01, 02, and 22. The 2011-12 data shown above is preliminary at this time.

TABLE 4M. Undergraduate Instructional Faculty Compensation

	2007-08	2008-09	2009-10	2010-11	2011-12
Average Salary and Benefits for Faculty Who Teach at Least One Undergraduate Course	\$89,183	\$85,701	\$85,799	\$93,828	\$86,253

Note: Average salary and benefits for all instructors of undergraduate courses who are on pay plan 22. This amount is based on fall term data only, and to make it more meaningful to the reader we annualize (to a fall + spring amount) the fall-term salary and benefits. It is limited to faculty who taught at least one undergraduate course in the fall term and is reported as employed for at least 0.1 person year in the fall term. The definition of faculty varies for Tables 4L, 4M and 4N. For Undergraduate Instructional Faculty Compensation, the definition of faculty is based on pay plan 22.

TABLE 4N. Student/Faculty Ratio

	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall 2011
Ratio	28.8	29.9	30.9	31.0	31.7

Note: This data is based on Common Data Set (CDS) definitions. This is the Fall ratio of full-time equivalent students (full-time plus 1/3 part time) to full-time equivalent instructional faculty (full time plus 1/3 part time). In the ratio calculations, exclude both faculty and students in stand-alone graduate or professional programs such as medicine, law, veterinary, dentistry, social work, business, or public health in which faculty teach virtually only graduate-level students. Do not count undergraduate or graduate student teaching assistants as faculty.



Section 4 – Undergraduate Education *(continued)*

TABLE 4O. Professional Licensure/Certification Exams

Nursing: *National Council Licensure Examination for Registered Nurses*

	2007-08	2008-09	2009-10	2010-11	2011-12
Examinees	215	204	220	209	237
Pass Rate	87%	95%	98%	95%	96%
National Benchmark	86%	88%	90%	89%	89%

Note: Pass rate for first-time examinees for the National Council Licensure Examination for Registered Nurses (NCLEX-RN) are based on the performance of graduates of baccalaureate nursing programs. National benchmark data is based on Jan-Dec NCLEX-RN results for first-time examinees from students in US-educated baccalaureate degree programs as published by the National Council of State Boards of Nursing.

TABLE 4P. Tuition Differential Fee (TDF)

	2010-11	2011-12	2012-13 Projected
TDF Revenues Generated	\$13,262,074	\$24,304,933	\$44,057,092
Students Receiving TDF Funded Award	5,610	8,048	n/a
Value of TDF Funded Award	\$555	\$553	n/a

Florida Student Assistance Grant (FSAG) Eligible Students

	2010-11	2011-12	2012-13 Projected
Number of Eligible Students	6,620	8,538	n/a
Number Receiving a TDF Waiver	22	52	n/a
Value of TDF Waivers	\$6,066	\$2,821	n/a

Note: **TDF Revenues Generated** refers to actual tuition differential revenues collected from undergraduate students as reported on the Operating Budget, Report 625 – Schedule I-A. **Students Receiving TDF Funded Award** reports the number of unduplicated students who have received a financial aid award that was funded by tuition differential revenues. **Value of TDF Funded Award** refers to the average value of financial aid awards funded by the Tuition Differential Fee funds. Florida Student Assistance Grant (FSAG) Eligible Students: **Number of Eligible Students** refers to total annual unduplicated count of undergraduates at the institution who are eligible for FSAG in the academic year, whether or not they received FSAG awards. **Number Receiving a TDF Waiver** refers to annual unduplicated count of FSAG-eligible students receiving a waiver, partial or full, of the tuition differential fees at the institution during the academic year, regardless of the reason for the waiver. **Value of TDF Waivers** refers to the average value of waivers provided to FSAG-eligible undergraduates at the institution during the academic year, regardless of the reason for the waiver.



Section 5 – Graduate Education

TABLE 5A. Graduate Degree Program Changes in AY 2011-12

Title of Program	Six-digit CIP Code	Degree Level	Date of UBOT Action	Starting or Ending Term	Date of Board of Governors Action	Comments
New Programs						
Engineering Management	15.1501	Masters	July 2011	Spring 2012		
Security Studies	45.1001	Research Doctorate	Sep. 2011	Fall 2013		
Terminated Programs						
Social Sciences Teacher Ed	13.1317	Master	May 2011	Fall 2011		
Science Teacher Ed	13.1316	Master	May 2011	Fall 2011		
English Teacher Ed	13.1305	Master	May 2011	Fall 2011		
Mathematics Teacher Ed	13.1311	Master	May 2011	Fall 2011		
Inactive Programs						
None						
New Programs Considered By University But Not Approved						
Arts Management MA (50.1002) – delayed program consideration						
Communication Sciences and Disorders PhD (51.0204) – delayed program consideration						
Criminal Justice PhD (43.0104) – delayed program consideration						

Note: This table does not include new majors or concentrations added under an existing degree program CIP Code. This table reports the new and terminated program changes based on Board action dates between May 5, 2011 and May 4, 2012. **New Programs** are proposed new degree programs that have been completely through the approval process at the university and, if appropriate, the Board of Governors. Does not include new majors or concentrations added under an existing degree program CIP Code. **Terminated Programs** are degree programs for which the entire CIP Code has been terminated and removed from the university's inventory of degree programs. Does not include majors or concentrations terminated under an existing degree program CIP Code if the code is to remain active on the academic degree inventory. **Inactive Programs** are degree programs for which enrollments have been temporarily suspended for the entire CIP Code, but the program CIP Code has not been terminated. Does not include majors or concentrations suspended under an existing degree program CIP Code if the code is to remain active on the academic degree inventory and new enrollments in any active major will be reported. **New Programs Considered by University But Not Approved** includes any programs considered by the university board of trustees, or any committee of the board, but not approved for implementation. Also include any programs that were returned prior to board consideration by the university administration for additional development, significant revisions, or re-conceptualization; regardless of whether the proposal was eventually taken to the university board for approval. Count the returns once per program, not multiple times the proposal was returned for revisions, unless there is a total re-conceptualization that brings forward a substantially different program in a different CIP Code.



Section 5 – Graduate Education *(continued)*

TABLE 5B. Graduate Degrees Awarded

	2007-08	2008-09	2009-10	2010-11	2011-12
TOTAL	2,129	2,061	2,220	2,538	2,679
Masters and Specialist	1,923	1,869	1,960	2,253	2,413
Research Doctoral	206	192	231	245	229
Professional Doctoral	0	0	29	40	37
<i>a) Medicine</i>	0	0	0	0	0
<i>b) Law</i>	0	0	0	0	0
<i>c) Pharmacy</i>	0	0	0	0	0

Note: The total number of Professional Doctoral degrees includes other programs that are not specifically identified in lines a, b, and c.

TABLE 5C. Graduate Degrees Awarded in Areas of Strategic Emphasis

	2007-08	2008-09	2009-10	2010-11	2011-12
Science, Technology, Engineering, and Math	545	519	562	688	713
Health Professions <i>*only disciplines in critical need</i>	213	175	195	256	309
Security and Emergency Services	93	83	75	81	98
Globalization	16	28	36	28	43
Education <i>*only disciplines in critical need</i>	128	179	186	199	173
SUBTOTAL	995	984	1,054	1,252	1,336
<i>Percent of All Graduate Degrees</i>	<i>47%</i>	<i>48%</i>	<i>47%</i>	<i>49%</i>	<i>50%</i>

Notes: This is a count of baccalaureate majors for specific Areas of Strategic Emphasis, as determined by the Board of Governors staff with consultation with business and industry groups and input from universities. A student who has multiple majors in the subset of targeted Classification of Instruction Program codes will be counted twice (i.e., double-majors are included). *This data represents select disciplines within these five areas and does not reflect all degrees awarded within the general field (of education or health).



Section 5 – Graduate Education *(continued)*

TABLE 5D. Professional Licensure Exams for Graduate Programs

Medicine: US Medical Licensing Exam - Step 1 *(for 2nd year MD students)*

	2008	2009	2010	2011	2012
Examinees	.	.	.	39	59
Pass Rate	.	.	.	95%	97%
<i>National Benchmark</i>	93%	93%	91%	94%	96%

Physical Therapy: National Physical Therapy Examinations

	2005-07	2006-08	2007-09	2008-10	2009-11
Examinees	84	91	61	60	57
Pass Rate	68%	73%	74%	92%	98%
<i>National Benchmark</i>	86%	86%	87%	87%	91%

Note: We have chosen to compute a three-year average pass rate for first-time examinees on the National Physical Therapy Examinations by exam year, rather than report the annual averages, because of the relatively small cohort sizes compared to other licensed professional programs.



Section 6 – Research and Economic Development

TABLE 6A. Research and Development

	2006-07	2007-08	2008-09	2009-10	2010-11
R&D Expenditures					
Total (\$ 1,000s)	\$141,140	\$147,092	\$148,803	\$117,985	\$109,189
Federally Funded (\$ 1,000s)	\$60,735	\$68,806	\$73,736	\$69,331	\$69,098
Percent Funded From External Sources	60%	66%	70%	71%	73%
Total R&D Expenditures Per Full-Time, Tenured, Tenure-Earning Faculty Member (\$)	\$174,678	\$184,326	\$187,883	\$157,734	\$145,975
Technology Transfer					
Invention Disclosures	106	93	83	96	109
U.S. Patents Issued	26	57	41	91	76
Patents Issued Per 1,000 Full-Time, Tenured and Tenure-Earning Faculty	32	74	0	122	97
Licenses/ Options Executed	8	6	5	12	14
Licensing Income Received (\$)	\$1,226,758	\$327,176	\$640,008	\$411,393	\$500,966
Number of Start-Up Companies	3	2	3	7	1

Note: **R&D Expenditures** are based on the National Science Foundation's annual Survey of R&D Expenditures at Universities and Colleges (data include Science & Engineering and non-Science & Engineering awards). Percent Funded from External Sources is defined as funds from federal, private industry and other sources (non-state and non-institutional funds). Total R&D expenditures are divided by fall, full-time tenured/tenure-track faculty as reported to IPEDS (FGCU includes both tenured/tenure-track and non-tenure/track faculty). The fall faculty year used will align with the beginning of the fiscal year, so that (e.g.) 2007 FY R&D expenditures are divided by fall 2006 faculty. **Technology Transfer** data are based on the Association of University Technology Managers Annual Licensing Survey. **Licensing Income Received** refers to license issue fees, payments under options, annual minimums, running royalties, termination payments, amount of equity received when cashed-in, and software and biological material end-user license fees of \$1,000 or more, but not research funding, patent expense reimbursement, valuation of equity not cashed-in, software and biological material end-user license fees of less than \$1,000, or trademark licensing royalties from university insignia. **Number of Start-up Companies** that were dependent upon the licensing of University technology for initiation.



Section 6 – Research and Economic Development *(continued)*

TABLE 6B. Centers of Excellence

Name of Center:	Florida Photonics Center of Excellence (FPCE)	Cumulative (since inception to June 2012)	Fiscal Year 2011-12
Year Created:	2003		
Research Effectiveness			
<i>Only includes data for activities directly associated with the Center. Does not include the non-Center activities for faculty who are associated with the Center.</i>			
Number of Competitive Grants Applied For		461	30
Value of Competitive Grants Applied For (\$)		\$173,767,283	\$14,356,289
Number of Competitive Grants Received		243	18
Value of Competitive Grants Received (\$)		\$55,356,577	\$2,577,892
Total Research Expenditures (\$)		\$50,225,518	\$952,412
Number of Publications in Refereed Journals From Center Research		257	33
Number of Invention Disclosures		85	9
Number of Licenses/Options Executed		4	0
Licensing Income Received (\$)		\$181,250	0
Collaboration Effectiveness			
<i>Only reports on relationships that include financial or in-kind support.</i>			
Collaborations with Other Postsecondary Institutions		30	1
Collaborations with Private Industry		67	7
Collaborations with K-12 Education Systems/Schools		22	2
Undergraduate and Graduate Students Supported with Center Funds		0	0
Economic Development Effectiveness			
Number of Start-Up companies <i>with a physical presence, or employees, in Florida</i>		5	0
Jobs Created By Start-Up Companies Associated with the Center		60	0
Specialized Industry Training and Education		2	0
Private-sector Resources Used to Support the Center's Operations		0	0
Narrative Comments on next page.			



Section 6 – Research and Economic Development *(continued)*

TABLE 6B. Centers of Excellence (continued)

Name of Center	Florida Photonics Center of Excellence (FPCE)
Narrative Comments [Most Recent Year]:	
<p>The FPCE \$10M grant has been used for developing an infrastructure for research and graduate education in photonics. This included establishment of two endowed chairs, support for five outstanding FPCE faculty, construction of a new 21,000 sq ft building addition with incubation space, and addition of a unique multi-user nanophotonics fabrication facility (housing ~\$15M of capital equipment serving faculty, industry, and external organizations). Since 2003, the FPCE has invigorated photonics research, supported many partnership projects with Florida industry, resulted in more than 85 patent disclosures with some leading to spinoffs, and generated research grants totaling more than \$55M. Efforts in building up the biophotonics program, which were seeded by the FPCE grant, are currently being vigorously pursued. A new senior faculty member whose research is in the area of lasers and their applications to biophotonics has been recruited and will start his appointment in January 2013. We have also recruited a junior faculty member in the area of nanophotonics. Her appointment started in Fall 2012.</p>	



Section 6 – Research and Economic Development *(continued)*

TABLE 6B. Centers of Excellence

Name of Center:	Laser Technology Initiative (aka Townes Laser Institute)	Cumulative (since inception to June 2012)	Fiscal Year 2011-12
Year Created:	2007		
Research Effectiveness			
<i>Only includes data for activities directly associated with the Center. Does not include the non-Center activities for faculty who are associated with the Center.</i>			
Number of Competitive Grants Applied For		225	63
Value of Competitive Grants Applied For (\$)		\$148,400,891	\$65,490,707
Number of Competitive Grants Received		133	34
Value of Competitive Grants Received (\$)		\$ 20,540,863	\$ 5,818,061
Total Research Expenditures (\$)		\$ 11,260,138	\$ 3,405,107
Number of Publications in Refereed Journals From Center Research		160	42
Number of Invention Disclosures		34	5
Number of Licenses/Options Executed		0	0
Licensing Income Received (\$)		0	0
Collaboration Effectiveness			
<i>Only reports on relationships that include financial or in-kind support.</i>			
Collaborations with Other Postsecondary Institutions		56	29
Collaborations with Private Industry		75	65
Collaborations with K-12 Education Systems/Schools		10	6
Undergraduate and Graduate Students Supported with Center Funds		115	55
Economic Development Effectiveness			
Number of Start-Up companies <i>with a physical presence, or employees, in Florida</i>		6	4
Jobs Created By Start-Up Companies Associated with the Center		21	6
Specialized Industry Training and Education		4	2
Private-sector Resources Used to Support the Center's Operations		\$2,000,000	\$1,000,000
Narrative Comments on next page.			



Section 6 – Research and Economic Development *(continued)*

TABLE 6B. Centers of Excellence *(continued)*

Name of Center	Laser Technology Initiative (aka Townes Laser Institute)
Narrative Comments [Most Recent Year]:	
<p>In its fifth year, the Townes Laser Institute has continued towards its objective of becoming the paramount academic institution in laser technology in the nation, and its mission of supporting these technologies in industry, government and advanced institutions of learning in Florida first, and also in the nation. Some significant achievements have been made in 2012.</p> <p>On March 16th the Townes Laser Institute celebrated its 5th year of operation in a two-day national event concurrent with the celebration of the 25th anniversary of the establishment of CREOL, the Center for Research & Electro-Optics & Lasers, which has now evolved into CREOL the College of Optics & Photonics at UCF. At this celebration, we were graced with the presence of three Nobel Laureates in our field, including 97-year old Charles Hard Townes, the inventor of the concept of the laser, for whom our institute is named.</p> <p>The number of faculty associated with the Townes Laser Institute grew from 12 to 17 during the year. These included:</p> <ul style="list-style-type: none"> - Emeritus Professors Ronal Phillips and Larry Andrews, by the incorporation of the Wavefront Propagation Research Group (WPRG) into the Townes Laser Institute by its transfer from the Florida Space Institute. Despite their emeritus status, this group is extremely vibrant and productive. This year it won two new contracts values at > \$3M, graduated one Ph.D, and is looking towards an expanding future within Townes. - Professor, and former CREOL Professor, and Former School Director, Kathleen Richardson, of the School of Materials Science & Engineering at Clemson University. After a seven-year absence from UCF, Prof. Richardson is returning to UCF, bringing a large group (10 students, engineers and scientists), significant funding (>\$1M/yr) and an international reputation in mid-IR materials. - Research Assistant Professors Lawrence Shah and Matthieu Baudelet. Research scientists in Professor Martin Richardson's Laser Plasma Laboratory for the past 4-5 years, their elevation to the status of research professors strengthens Townes and the Laser Plasma Laboratory. Professor Shah works in the area of high power fiber lasers and Professor Baudelet works in the area of sensing and spectroscopy. - With the strong support of the High Energy Laser Joint Technology Office, we have advanced the idea of creating a University Applied Research Center (UARC) in Defense Laser Technologies at UCF. A proposal is currently in the office of the Secretary of Defense. There are 13 UARC's in the nation, none in Florida, and none in laser technology. The concentration in DoD-supported laser research at UCF is now one of the largest in this field in the nation. This initiative would provide base funding from DoD for long-term developments in high power laser technology and training. - Most recently the Townes Laser Institute has proposed the construction of a separate building to house all optical materials fabrication and development. Now the domain of several faculty within Townes, this facility will provide for the special furnaces, fume hoods, HVAC, and toxic materials need for developments in glass fiber preforms, optical ceramics and mid-IR materials. It will also coalesce all optical materials development into one central location, providing a new nationally-identifiable focus to the important. Some \$700k from the Townes Laser Institute, \$500k from CREOL, the College of Optics & Photonics, and \$300k from ORC has been allotted to this building, which should be completed in 2013. <p>Several Townes faculty members and students have receive presitigious awards this year. Here we provide only the highlights. Prof. Van Stryland received the R.W . Wood Prize from the Optical Society of America. Both he and Prof. Delfyett were made Fellows of the American Physical Society. Senior graduate students Christina Willis and Andreas Vaupel received a DEPS Fellowship and a Chateaubriand Fellowship respective, each worth > \$10,000.</p>	



Section 6 – Research and Economic Development *(continued)*

TABLE 6C. State University Research Commercialization Assistance Grants

Project Name by Type of Grant	Year Grant Awarded	Cumulative	
		Awards	Expenditures
Phase I Grants			
Transceiver Module for Next-Generation FTTH	2010	\$30,000	\$30,000
Phase II Grants			
SimVroom	2007	\$25,000	\$24,413
Bioanalytical Platform for Cancer Diagnosis	2010	\$75,000	\$75,000
Continuous real-time blood coagulability monitoring technology	2010	\$65,000	\$64,227
Phase III Grants			
LP Photonics	2007	\$184,294	\$166,354
p-STAT3 Inhibitor Anticancer Drugs	2010	\$200,000	\$200,000
Total for all SURCAG Grants		\$579,294	\$559,994

Narrative Comments: For each project, provide a brief update on (1) the project’s progress towards completing its key milestones/deliverables; and (2) the project’s return on investment for the university and state.

Transceiver Module for Next-Generation FTTH: Passive optical networking (PON) could provide a solution for bringing high-bandwidth optical fiber to the home (FTTH). PON is projected to be a \$4B industry by 2014. Supported by this SURCAG grant, UCF and collaborators Triple Play Communications, Inc. of Melbourne, Florida, have built a prototype transceiver for next generation PON. The device is based on differential phase-shift keying (DPSK), a self-coherent detection method that provides improved performance over other approaches and a more direct path toward commercialization by leveraging existing high-performance optical components. The prototype has been tested for data transmission speeds of 2.5Gb/s and tunability through filter element heating across channels comprising a 100 GHz dense wave-division multiplexing system. The prototype device offers outstanding sensitivity (-30 dBm typical) with virtually no degradation from adjacent channels. This device is being explored for further development toward commercialization. Assuming TPC can claim a 1% of the market share, this effort could create at least 100 high-paying jobs to Central Florida.

SimVroom: The project is in the process of setting the foundation to opening a Real World Laboratory, defining the partnerships, funding, and facility to begin the product development of the SimVroom product. The focus of the Real World Laboratory will be to help advance community learning centers to provide more viable content with more depth and breadth that also engaged visitors with real, relevant, and relational educational opportunities. The project looks forward to an eventful opening of the Real World Laboratory within a civic institution and the jump start production of the first product model for public consumption.



Bioanalytical Platform for Cancer Diagnosis

This SURCAG has far exceeded original goals. Nano Discovery has successfully developed a prototype instrument for label-free in vitro detection and analysis, as planned. Within the performance period, they have also managed to develop a first-generation product that is now being marketed. The instrument is the NDS1200, a one-of-a-kind high-throughput dynamic light scattering instrument especially designed for conducting a special type of nano-scale dynamic light scattering, called NanoDLSay™. NDS1200 offers distinct advantages over other commercial dynamic light scattering instruments, which are expected to help the company capture market share and grow, benefiting our local economy and high-tech employee base. The NDS1200 features automatic multiple sample analysis and rapid measurement, requiring only 10-20s per sample. The stakeholders project selling 1-5 units sold in the next 12 months. Each unit will generate revenues of approximately \$50,000. Initial revenues will cover the patent costs, other business costs, and invest more substantially in marketing. The project anticipates revenues up to \$500,000 per year starting in 2013.

Continuous real-time blood coagulability monitoring technology: This SURCAG funded a team that is developing an optical instrument that can be used to monitor blood coagulation in real time. The team has developed an analytical model and associated software that can be used to interpret complex fluid dynamics of blood flow from the spectroscopic data. Early effort explored the use of specialized light sources that enhanced the capability of low frequency detection and monitoring. A second generation prototype was built and scheduled for testing, in cooperation with Florida Hospital and Mayo Clinic.

LP Photonics: This Phase III award was made to UCF to aid the establishment of a new company developing technology associated with next-generation lithography for mass computer chip fabrication. This SURCAG grant has enabled LP Photonics to make progress through the economic downturn and new opportunities are on the horizon which should attract new investment into the company. LP Photonics technology remains relevant to EUV lithography and other technologies. The SURCAG grant has been utilized to purchase major equipment of lasting value, with > 100% leverage for LP Photonics.

pSTAT3 Inhibitor Anticancer Drugs:

Cancer affects more than 10 million people and causes over 7 million deaths each year. GLG Pharma is focused on the development of p-STAT3 inhibitors. These agents interfere with the transcription process that leads to cancer cell replication and disease progression. Supported by this SURCAG, and the required matching funds made available to GLG Pharma by the Town of Jupiter, GLG Pharma has advanced the development and testing of two of its STAT3 inhibitors. Specific research activities have included large-scale synthesis of the compounds to support testing in animal models and future clinical trials, and in vitro and in vivo efficacy trials using glioma, breast cancer, and multiple myeloma cell lines. The studies show that p-STAT3 based therapies could be more effective in fighting cancer with reduced side effects. Studies in rat and dog have shown that pSTAT3 compound GLG-302 has very low systemic toxicity. Similarly, platinum-based compound GLG-401 was found to be far less toxic than cis-platin, a leading therapeutic for cancer. GLG pursued additional funds and were awarded grants from the Paragon Foundation of Palm Beach County and three United States Federal Government Qualifying Therapeutic Development Program. As such, GLG Pharma's priorities were realigned and not all milestones proposed under the SURCAG grant were accomplished. GLG Pharma is pursuing additional funding for further testing and clinical trials.



Section 6 – Research and Economic Development *(continued)*

TABLE 6D. 21st Century World Class Scholars Program

World Class Scholar(s)	Scholar's Field	Grant <i>State Dollars Only</i>		Report the cumulative activity since each scholar's award.		
		Amount Awarded	Cumulative Expended	External Research Awards (\$)	Patent Filed / Issued	Licensing Revenues Generated (\$)
Dr. Marwan Simaan	Electrical Engineering	\$1M	\$1M	\$551,219	1	\$0
Dr. Konstantin Vodopyanov <i>(start Jan 2013)</i>	Optics and Biophotonics	\$1M	\$1M	\$0	0	\$0
TOTAL		\$2M	\$2M	\$551,219	1	\$0

For the most recent year of reporting, please provide a brief paragraph on the teaching, research, and service activities of each 21st Century World Class Scholar.

Dr. Marwan Simaan: The 21st Century World Class Scholar award of \$1M was made to Dr. Marwan Simaan in 2008. Consistent with the University's initial proposal, and as approved by the Florida Board of Governors, the University of Central Florida placed the award in an endowment account at the UCF Foundation for the ultimate purpose of providing Dr. Simaan with funding on a yearly basis from the investment of that award to support his research.

Since joining UCF, Dr. Simaan was awarded a total of \$551,219 in external research funding by the National Science Foundation for the following four projects: 1) Patient-Adaptive Feedback Control of Rotary Heart Assist Devices (\$193,328), 2) An Exploratory and Radically Different Approach for Control of a Tandem Hot Metal Strip Rolling Process for Product Quality Improvement (\$123,979), 3) Patient-Adaptive Feedback Control of Rotary Heart Assist Devices- Supplement (\$33,963), and 4) Game and Teaming Strategies for Networked Systems (\$199,949).

Dr. Simaan served as Dean of the College of Engineering and Computer Science at UCF until July 2012. In this UCF leadership position, he was responsible for the administration of the College including instruction, research program development, personnel, and budget. In the short period during his tenure as dean, he has started numerous new initiatives which have resulted in an improvement of the national ranking of the college from 86th to 73rd in the nation. Also, enrollment in the college has grown so that the college is now the 9th largest in the country with approximately 6,200 undergraduate students, 1,300 graduate students, 120 faculty members, and 85 staff associates.

Dr. Simaan continued his research and scholarly activities while serving as dean. During the most recent year, he has published one book, 4 refereed journal papers, 16 conference papers and has one patent pending. Additionally, Dr. Simaan has served and represented UCF on numerous National and International professional committees within the National Academy of Engineering, the National Science Foundation, the American Association for the Advancement of Science, the Institute of Electrical and Electronics Engineers, and others. Dr. Simaan is the only Member of the National Academy of Engineering at UCF. He also successfully nominated several UCF faculty members to Fellowship in the American Association for the Advancement of Science and membership in the Frontiers of Engineering Program of the National Academy of Engineering. Dr. Simaan has graduated one PhD student and one MS thesis student since joining UCF and is currently supervising two PhD students.



Section 6 – Research and Economic Development *(continued)*

TABLE 6D. 21st Century World Class Scholars Program

Dr. Vodopyanov: Consistent with the University's initial proposal, and as approved by the Florida Board of Governors, UCF expended the entire \$1M award by creating an endowment account at the UCF Foundation, the investment of which would provide support to the Scholar for his/her research on a yearly basis. Since then, UCF has vigorously recruited for the 21st Century Scholar faculty position, focusing on the area of biophotonics and medical applications of lasers. After a lengthy recruitment process, the position was accepted by Dr. Konstantin Vodopyanov of Stanford University, a world renowned scientist in lasers and their biomedical applications. Dr. Vodoyanov will assume this position in Jan 2013. The following is a brief summary of the extended effort that has led to this appointment.

In 2011, UCF interviewed four world-class candidates, all distinguished faculty members (University of California Davis, University of California Irvine, University of Toronto, and University of North Carolina Charlotte). An offer was made to a faculty member at UC-Davis, but was eventually turned down after a months of negotiations. This was followed by an offer to another distinguished faculty member from UC-Irvine, known for his research in developing novel optical technology for medical diagnosis and therapeutics. Progress was delayed by the fact that his wife, a faculty member at UC-Irvine in the area of biomedical sciences, needed to find an appropriate academic position in Orlando. The UCF Burnett School of Biomedical Sciences found her to be an excellent match for their program and made her an offer as Professor. Unfortunately, the offer was not accepted. Subsequently, another distinguished and award winning faculty member from the City College of the City University of New York was pursued and offered the professorship, but after many months of negotiations, we could not meet his financial expectations and the offer was turned down. This reset our recruitment effort. A rejuvenated recruitment campaign ultimately led to the successful appointment of Dr. Vodopyanov with a start date of January 2013.