

FSU

2017 Work Plan



Florida State University
*University Work Plan Presentation
for Board of Governors June 2017 Meeting*

BOARD OF TRUSTEES APPROVED 06-07-2017

STATE UNIVERSITY SYSTEM of FLORIDA | **Board of Governors**



INTRODUCTION

The State University System of Florida has developed three tools that aid in guiding the System's future.

- 1) The Board of Governors' 2025 System Strategic Plan is driven by prospective goals and associated metrics that set future benchmarks for the System.*
- 2) The Board's Annual Accountability Report provides retrospective tracking with year-over-year and longer time periods for how the System is progressing toward its goals.*
- 3) Institutional Work Plans connect the two and create an opportunity for greater dialogue relative to how each institution contributes to the System's overall vision.*

These three documents assist the Board with strategic planning and with setting short-, mid- and long-term goals. They also enhance the System's commitment to accountability and driving improvements in three primary areas of focus: 1) academic quality, 2) operational efficiency, and 3) return on investment.

The Board will use these documents to help advocate for all System institutions and foster even greater coordination with the institutions and their Boards of Trustees.

Once a Work Plan is approved by each institution's respective Boards of Trustees, the Board of Governors will review and consider the plan for potential acceptance of the one-year metric goals. Longer-term components will inform future agendas of the Board's Strategic Planning Committee. The Board's acceptance of a work plan does not constitute approval of any particular component, nor does it supersede any necessary approval processes that may be required for each component.



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MISSION STATEMENT (What is your purpose?)

Florida State University preserves, expands, and disseminates knowledge in the sciences, technology, arts, humanities, and professions, while embracing a philosophy of learning strongly rooted in the traditions of the liberal arts. The university is dedicated to excellence in teaching, research, creative endeavors, and service. The university strives to instill the strength, skill, and character essential for lifelong learning, personal responsibility, and sustained achievement within a community that fosters free inquiry and embraces diversity.

VISION STATEMENT (What do you aspire to?)

Florida State University will be among the nation's most entrepreneurial and innovative universities, transforming the lives of our students and shaping the future of our state and society through exceptional teaching, research, creative activity, and service. We will amplify these efforts through our distinctive climate – one that places a premium on interdisciplinary inquiry and draws from the rich intellectual and personal diversity of our students, faculty, staff, and alumni. These three forces – entrepreneurship, interdisciplinarity, and diversity – deepen FSU's impact and result in a powerful return to our students and the people of Florida for their continued support and trust.

STATEMENT OF STRATEGY (How will you get there?)

Given your mission, vision, strengths and available resources, provide a brief description of your market and your strategy for addressing and leading it.

Florida State University competes in national and international markets for faculty, and our student centered education is provided by an outstanding faculty defining the frontiers of research and creativity. As a top-tier research university, it is crucial to offer the full breadth of disciplinary excellence, and we seek continual improvement in our position in retaining and educating the most promising students in the State of Florida. Recruitment and retention of faculty is essential to maintain market competitiveness, and our strategy is to leverage our long-standing and well-developed strengths in the physical sciences and fine arts with emerging opportunities for innovation and problem-solving in the sciences and the professions.



STRENGTHS AND OPPORTUNITIES *(within 3 years)*

What are your core capabilities, opportunities and challenges for improvement?

Through our reputation for excellence, continual investments in multidisciplinary research, and our heritage in the arts, we are able to attract top faculty and students. FSU is a national leader in the retention and on-time graduation as demonstrated by our freshman retention rate of 93% (one of the highest in the US) and a graduation rate 20 percentage points higher than the national average. Our focus on retaining every student we enroll has proven effective in the success of traditionally underrepresented students, and FSU was recently recognized as one of the top schools in the country for the graduation of African-American students. Our ongoing challenges remain to modernize facilities and infrastructure, improve student-faculty ratio, and elevate student engagement in experiential learning.

KEY INITIATIVES & INVESTMENTS *(within 3 years)*

Describe your top three key initiatives for the next three years that will drive improvement in Academic Quality, Operational Efficiency, and Return on Investment.

1. Top 25

After advancing to #38, FSU continues on its path to become a top 25 public university. Through the support provided as a preeminent institution and resources from private partners, we are beginning the first phase of a transformative strategic campaign focused on increasing faculty, graduate education, and the research enterprise. This campaign is focused on adding faculty, fostering interdisciplinary collaboration, increasing research to address national and state needs, improving our graduate and research profile, promoting diversity, and elevating performance in key metrics.

2. Student Success

Recognized for advancing the persistence of all students, FSU's 4-year graduation rates are now among the top 15 in the country. FSU will continue to be a national leader in student success. FSU seeks to continue to elevate the quality of our undergraduate education by increasing student participation in high impact practices and experiential learning. We will also address critical advising shortfalls across campus with additional advisors to support student transitions between majors and programs. Finally, through our strategic faculty hiring efforts, we plan to increase course availability and decrease the class size for traditionally high-demand courses.

3. Entrepreneurship and Innovation Education

Advancing FSU's commitment to innovation and entrepreneurship, FSU will open the Jim Moran School of Entrepreneurship in Fall 2017. Offering an interdisciplinary major in entrepreneurship, the Jim Moran School will become a focal point for collegiate entrepreneurial education. In addition, the Jim Moran Institute for Global Entrepreneurship will continue to expand, serving as a lifeline for training and assistance to entrepreneurs, small businesses, and nonprofits throughout Florida. Finally, FSU will open a student-orientated innovation hub, advancing student career preparation through the development of design-thinking, problem-solving, and technological-innovation skills.



PERFORMANCE BASED FUNDING METRICS (ACTUAL | GOALS)

1. Percent of Bachelor's Graduates Enrolled or Employed (\$25,000+) [within one-year, anywhere in the Nation]

2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
.	.	60.3	60.8	63.7	65	67	68	70

2. Median Wages of Bachelor's Graduates Employed Full-time [within one-year, anywhere in the Nation]

2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
.	.	\$31,600	\$34,200	\$35,700	\$36,300	\$37,000	\$38,500	\$40,000

3. Average Cost to the Student [Net Tuition & Fees per 120 Credit Hours for Resident Undergraduates]

2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20
.	.	\$14,140	\$14,980	\$14,930	\$14,900	\$14,500	\$14,200	\$13,900

4. FTIC Six-Year Graduation Rate

2006-12	2007-13	2008-14	2009-15	2010-16	2011-17	2012-18	2013-19	2014-20
74.9	76.7	79.0	79.4	80.0	80	81	82	82

5. Academic Progress Rate [Second Year Retention Rate with At Least a 2.0 GPA]

2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20
88.8	89.4	90.5	91.0	90.4	92	92	93	93

6. Percentage of Bachelor's Degrees Awarded within Programs of Strategic Emphasis

2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20
36.7	38.3	37.5	39.1	42.8	43	44	45	46

7. University Access Rate [Percent of Undergraduates with a Pell grant]

FALL 2011	FALL 2012	FALL 2013	FALL 2014	FALL 2015	FALL 2016	FALL 2017	FALL 2018	FALL 2019
30.0	30.6	30.0	28.4	27.7	28	28	29	30

8. Percentage of Graduate Degrees Awarded within Programs of Strategic Emphasis

2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20
38.0	38.1	38.5	42.0	46.0	47	47	48	50

9. BOG Choice: Number of Faculty Awards

2010	2011	2012	2013	2014	2015	2016	2017	2018
9	11	7	2	7	8	9	10	11

10. BOT Choice: National Rank Higher than Financial Resources Ranking

2013	2014	2015	2016	2017	2018	2019	2020	2020
.	115	119	114	120	121	120	121	119

Note: Metrics are defined in appendix. For more information about the PBF model visit: http://www.flbog.edu/about/budget/performance_funding.php.



PREEMINENT RESEARCH UNIVERSITY FUNDING METRICS (ACTUAL | GOALS)

1. Average GPA and SAT Score

Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016	Fall 2017	Fall 2018	Fall 2019	Fall 2020
4.0	4.0	4.0	4.1	4.1	4.1	4.1	4.1	4.2
1228	1222	1239	1241	1232	1247	1250	1253	1260

2. Number of Top 50 Rankings [based on BOG’s official list of publications]

2013	2014	2015	2016	2017	2018	2019	2020	2021
.	3	5	7	8	8	8	8	9

3. Freshman Retention Rate [Full-time students as reported to IPEDS]

2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20
91	92	92	93	93	93	93	94	94

4. 6-year Graduation Rate [Full-time students as reported to IPEDS]

2006-12	2007-13	2008-14	2009-15	2010-16	2011-17	2012-18	2013-19	2014-20
75	77	79	79	80	80	81	82	83

5. National Academy Memberships

2013	2014	2015	2016	2017	2018	2019	2020	2021
6	6	6	6	7	7	7	7	8

6. Science & Engineering Research Expenditures (\$M)

2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20
208	224	231	237	243	247	249	251	253

7. Non-Medical Science & Engineering Research Expenditures (\$M)

2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20
200	217	226	228	231	235	237	239	241

8. Number of Broad Disciplines Ranked in Top 100 for Research Expenditures [includes private univ.]

2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
7 of 8	7 of 8	7 of 8	7 of 8	7 of 8	7 of 8	7 of 8	7 of 8	7 of 8

9. Utility Patents Awarded [over three calendar years]

2010-12	2011-13	2012-14	2013-15	2014-16	2015-17	2016-18	2017-19	2018-20
92	103	109	101	101	100	100	100	100

10. Doctoral Degrees Awarded Annually

2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20
562	497	551	558	526	534	540	544	560

11. Number of Post-Doctoral Appointees [note: statute requires a source with time lag]

Fall 2009	Fall 2010	Fall 2011	Fall 2012	Fall 2013	Fall 2014 ACTUAL	Fall 2015 ACTUAL	Fall 2016	Fall 2017
258	241	218	235	212	211	202	217	220

12. Endowment Size (\$Millions)

2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20
498	548	625	605	585	625	650	675	700



KEY PERFORMANCE INDICATORS (ACTUAL | GOALS)

Teaching & Learning Metrics (from the 2025 System Strategic Plan that are not included in the PBF section)

1. Number of Top 50 Rankings [based on BOG’s official list of publications]

2013	2014	2015	2016	2017	2018	2019	2020	2021
.	3	5	7	8	8	8	8	9

2. Percent of Freshmen in Top 10% of High School Class

Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016	Fall 2017	Fall 2018	Fall 2019	Fall 2020
41	42	40	38	41	42	42	43	44

3. Professional Licensure & Certification Exam Pass Rates Above Benchmarks

2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20
4 of 4	5 of 5	3 of 5	2 of 5	4 of 5	5 of 5	5 of 5	5 of 5	5 of 5

4. Time to Degree for FTICs in 120hr programs

2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20
4.3	4.2	4.1	4.0	4.0	3.9	3.9	3.8	3.8

5. Four-Year FTIC Graduation Rates [full-time students only]

2008-12	2009-13	2010-14	2011-15	2012-16	2013-17	2014-18	2015-19	2016-20
61	62	61	62	65	66	66	67	68

6. Bachelor’s Degrees Awarded [First Majors Only]

2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20
7,860	7,938	8,105	8,421	8,626	8,750	8,900	9,050	9,100

7. Graduate Degrees Awarded [First Majors Only]

2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20
3,051	3,104	2,927	3,019	2,833	2,980	3,050	3,100	3,200

8. Percentage of Bachelor’s Degrees Awarded to African-American & Hispanic Students

2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20
24	24	25	25	26	27	28	29	30

9. Percentage of Adult (Aged 25+) Undergraduates Enrolled

Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016	Fall 2017	Fall 2018	Fall 2019	Fall 2020
7	7	6	6	5	6	6	6	6

10. Percent of Undergraduate FTE in Online Courses

2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20
4	6	9	11	13	13	14	16	18

11. Percent of Bachelor’s Degrees in STEM & Health

2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20
18	20	19	22	24	26	28	29	31

12. Percent of Graduate Degrees in STEM & Health

2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20
23	24	25	26	29	30	31	32	33



KEY PERFORMANCE INDICATORS (ACTUAL | GOALS)

Scholarship, Research and Innovation Metrics (additional metrics from the 2025 System Strategic Plan)

1. National Academy Memberships

2013	2014	2015	2016	2017	2018	2019	2020	2021
6	6	6	6	7	7	7	7	7

2. Faculty Awards

Fall 2010	Fall 2011	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016	Fall 2017	Fall 2018
9	11	7	2	7	8	9	10	11

3. Total Research Expenditures (\$M)

2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20
225	251	253	256	268	273	275	277	279

4. Research Expenditures Funded from External Sources (%)

2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20
66	64	66	60	55	55	55	56	56

5. Utility Patents Awarded Annually [from the USPTO]

2012	2013	2014	2015	2016	2017	2018	2019	2020
24	32	47	30	48	34	34	34	34

6. Licenses/Options Executed

2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
10	13	15	25	16	9	14	17	17

7. Number of Start-up Companies Created

2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
4	0	3	1	8	3	4	4	5

Institution Specific Goals (optional)

To further distinguish the university's distinctive mission, the university may choose to provide additional metric goals that are based on the university's own strategic plan.

	2015 ACTUAL	2016 ACTUAL	2017 GOALS	2018 GOALS	2019 GOALS	2020 GOALS	2021 GOALS
Metric #1							
Metric #2							
Metric #3							
Metric #4							



ENROLLMENT PLANNING (ACTUAL | PLAN)

Planned Headcount Enrollment by Student Type *(for all students at all campuses)*

	FALL 2012 ACTUAL	FALL 2013 ACTUAL	FALL 2014 ACTUAL	FALL 2015 ACTUAL	FALL 2016 ACTUAL	FALL 2017 PLAN	FALL 2018 PLAN	FALL 2019 PLAN	FALL 2020 PLAN
UNDERGRADUATE									
FTIC (Regular Admit)	22,795	23,070	23,396	23,361	23,507	23,590	23,660	23,710	23,750
FTIC (Profile Admit)	64	71	75	77	104	80	70	60	60
FCS AA Transfers	5,792	5,725	5,713	5,476	5,424	5,370	5,320	5,270	5,220
Other AA Transfers	388	421	395	391	432	450	460	470	480
Post-Baccalaureates	0	0	50	243	335	340	340	340	340
Other Undergraduates	2,857	2,850	2,954	2,860	2,826	2,850	2,880	2,930	2,980
Subtotal	31,896	32,137	32,583	32,408	32,628	32,680	32,730	32,780	32,830
GRADUATE									
Master's	4,310	4,155	4,117	4,012	4,132	4,210	4,290	4,380	4,470
Research Doctoral	2,594	2,626	2,660	2,648	2,668	2,720	2,770	2,830	2,890
Professional Doctoral	1,235	1,254	1,190	1,154	1,126	1,140	1,150	1,160	1,170
Subtotal	8,139	8,035	7,967	7,814	7,926	8,070	8,210	8,370	8,530
UNCLASSIFIED									
H.S. Dual Enrolled	39	23	53	36	40	40	40	40	40
Other ¹	1,152	1,116	1,134	1,169	1,230	1,250	1,260	1,270	1,280
Subtotal	1,191	1,139	1,187	1,205	1,270	1,290	1,300	1,310	1,320
TOTAL	41,226	41,311	41,737	41,427	41,824	42,040	42,240	42,460	42,680

Notes: This table reports the number of students enrolled at the university by student type categories. The student type for undergraduates is based on the Type of Student at Time of Most Recent Admission. The student type for graduates is based on the degree that is sought and the student CIP code. Unclassified refers to a student who has not yet been formally admitted into a degree program but is enrolled. The methodology for this table was revised at the June 2016 Data Administrator Workshop and matches the 2015-16 Accountability Report (Table 3A). The change improves how post-baccalaureate undergraduate students are counted. (1) 'Other Unclassified' students include Post-Baccalaureates who are not seeking a degree.

Planned FTE Enrollment by Method of Instruction *(for all students at all campuses)*

	2011-12 ACTUAL	2012-13 ACTUAL	2013-14 ACTUAL	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 PLAN	2017-18 PLAN	2018-19 PLAN	2019-20 PLAN
UNDERGRADUATE									
Distance (80-100%)	1,233	1,982	2,854	3,476	4,064	4,060	4,500	5,100	5,800
Hybrid (50-79%)	247	472	300	74	40	50	60	70	70
Classroom (0-50%)	30,333	29,170	28,290	28,007	27,508	28,120	27,780	27,320	26,770
Subtotal	31,813	31,624	31,444	31,557	31,612	32,230	32,340	32,490	32,640
GRADUATE									
Distance (80-100%)	555	656	821	901	1,057	1,100	1,180	1,250	1,350
Hybrid (50-79%)	197	299	218	94	5	10	10	20	20
Classroom (0-50%)	7,020	6,598	6,415	6,343	6,254	6,280	6,350	6,460	6,550
Subtotal	7,772	7,553	7,454	7,338	7,316	7,390	7,540	7,730	7,920

Note: Full-time Equivalent (FTE) student is a measure of instructional activity that is based on the number of credit hours that students enroll. FTE is based on the standard national definition, which divides undergraduate credit hours by 30 and graduate credit hours by 24. **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). **Classroom/Traditional**, is a course in which less than 50% of the direct instruction of the course is delivered using some form of technology when the student and instructor are separated by time, space or both. This designation can include activities that do not occur in a classroom (ie, labs, internships, practica, clinicals, labs, etc) – see SUDS data element 2052.



ENROLLMENT PLANNING (continued)

Planned FTE Enrollment Plan by Student Level

	2015-16 ACTUAL	2016-17 ESTIMATE*	2017-18 PLAN	2018-19 PLAN	2019-20 PLAN	2020-21 PLAN	2021-22 PLAN	2022-23 PLAN	Planned Annual Growth Rate*
STATE FUNDABLE									
RESIDENT									
LOWER	12,618	12,699	12,720	12,750	12,780	12,810	12,840	12,870	0.2%
UPPER	14,960	15,004	15,100	15,200	15,300	15,400	15,500	15,600	0.7%
GRAD I	2,610	2,639	2,690	2,740	2,790	2,850	2,910	2,970	2.0%
GRAD II	2,577	2,544	2,590	2,640	2,690	2,740	2,790	2,850	1.9%
TOTAL	32,764	32,885	33,100	33,330	33,560	33,800	34,040	34,290	0.7%
NON RESIDENT									
LOWER	1,164	1,278	1,290	1,300	1,310	1,320	1,330	1,340	0.8%
UPPER	922	1,123	1,130	1,140	1,150	1,160	1,170	1,180	0.9%
GRAD I	745	780	800	820	840	860	880	900	2.4%
GRAD II	997	1,020	1,040	1,060	1,080	1,100	1,120	1,140	1.9%
TOTAL	3,829	4,201	4,260	4,320	4,380	4,440	4,500	4,560	1.4%
TOTAL									
LOWER	13,782	13,977	14,010	14,050	14,090	14,130	14,170	14,210	0.3%
UPPER	15,881	16,127	16,230	16,340	16,450	16,560	16,670	16,780	0.7%
GRAD I	3,355	3,419	3,490	3,560	3,630	3,710	3,790	3,870	2.1%
GRAD II	3,575	3,563	3,630	3,700	3,770	3,840	3,910	3,990	1.9%
TOTAL	36,593	37,086	37,360	37,650	37,940	38,240	38,540	38,850	0.8%
NOT STATE FUNDABLE									
LOWER	993	988	1,000	1,000	1,000	1,000	1,000	1,000	0.0%
UPPER	957	1,136	1,100	1,100	1,100	1,100	1,100	1,100	0.0%
GRAD I	374	397	400	450	500	550	600	650	10.2%
GRAD II	13	15	20	20	20	20	20	20	0.0%
TOTAL	2,338	2,536	2,520	2,570	2,620	2,670	2,720	2,770	1.9%

Note: Full-time Equivalent (FTE) student is a measure of instructional activity that is based on the number of credit hours that students enroll. FTE is based on the standard national definition, which divides undergraduate credit hours by 30 and graduate credit hours by 24. Pursuant to section 1013.31, Florida Statutes, this data is used as a key factor in the calculation of facility space needs for university educational plant surveys. Note*: The Planned Annual Growth Rate is a compounded rate based on the following formula: (2022-23 value divided by the 2017-18 value) to the (1/5) exponent minus one.

Medical Student Headcount Enrollments (if applicable)

	2015-16 ACTUAL	2016-17 ESTIMATE	2017-18 PLAN	2018-19 PLAN	2019-20 PLAN	2020-21 PLAN	2021-22 PLAN	2022-23 PLAN	Annual Growth
MEDICAL DOCTORATES									
RESIDENT	474	465	465	465	465	465	465	465	0%
NON-RESIDENT	9	10	10	10	10	10	10	10	0%
TOTAL	483	475	475	475	475	475	475	475	0%



ACADEMIC PROGRAM COORDINATION

New Programs For Consideration by University in AY 2017-18

The S.U.S. Council of Academic Vice Presidents (CAVP) Academic Program Coordination Work Group will review these programs as part of their on-going coordination efforts. The programs listed below are based on the 2016 Work Plan list for programs under consideration for 2017-18.

PROGRAM TITLES	CIP CODE 6-digit	AREA OF STRATEGIC EMPHASIS	OTHER UNIVERSITIES WITH SAME PROGRAM	OFFERED VIA DISTANCE LEARNING IN SYSTEM	PROJECTED ENROLLMENT <i>in 5th year</i>	PROPOSED DATE OF SUBMISSION TO UBOT
BACHELOR'S PROGRAMS						
Neuroscience	26.1501	STEM	___	No	360	Nov. 2017
Biomedical Engineering	14.0501	STEM	FIU, FGCU, UF	No	90	Jan. 2018
MASTER'S, SPECIALIST AND OTHER ADVANCED MASTER'S PROGRAMS						
East Asian Languages and Cultures	16.0399	GLOBAL	___	No	12	Nov. 2017
Law Enforcement Intelligence	43.0118	___	___	No	100	Nov. 2017
Systems Engineering	14.2701	STEM	UF	No	40	Jan. 2018
Project Management	52.0211	___	___	No	300	Jan. 2018
DOCTORAL PROGRAMS						
none						

New Programs For Consideration by University in 2018-20

These programs will be used in the 2017 Work Plan list for programs under consideration for 2018-20.

PROGRAM TITLES	CIP CODE 6-digit	AREA OF STRATEGIC EMPHASIS	OTHER UNIVERSITIES WITH SAME PROGRAM	OFFERED VIA DISTANCE LEARNING IN SYSTEM	PROJECTED ENROLLMENT <i>in 5th year</i>	PROPOSED DATE OF SUBMISSION TO UBOT
BACHELOR'S PROGRAMS						
Linguistics	16.0102	GLOBAL	FAU, UF	No	20	Fall 2018
MASTER'S, SPECIALIST AND OTHER ADVANCED MASTER'S PROGRAMS						
Linguistics	16.0102	GLOBAL	FIU, USF, UF	No	15	Fall 2018
Aerospace Engineering	14.0201	STEM	UCF, UF	No	30	Spring 2019
DOCTORAL PROGRAMS						
Linguistics	16.0102	GLOBAL	UF, USF	No	10	Spring 2020
Aerospace Engineering	14.0201	STEM	UF	No	30	Spring 2019
Nursing	51.3808	HEALTH	FAU, FIU, UCF, UF, USF	No	9	Fall 2018



UNIVERSITY REVENUES

University Revenues *(in Millions of Dollars)*

EDUCATION & GENERAL	2015-16 Actual	2016-17 Estimates
Main Operations		
State Funds	\$ 347.3	\$ 375.6
Tuition	\$ 198.4	\$ 197.7
SUBTOTAL	\$ 545.6	\$ 573.3
Health-Science Center / Medical Schools		
State Funds	\$ 35.0	\$ 36.3
Tuition	\$ 10.5	\$ 10.6
SUBTOTAL	\$ 45.5	\$ 46.9
EDUCATION & GENERAL TOTAL REVENUES	\$ 591.1	\$ 620.2
FAMU/FSU Joint College of Engineering		
SUBTOTAL	\$ 13.0	\$ 13.3
OTHER BUDGET ENTITIES		
Auxiliary Enterprises	\$ 243.4	\$ 252.5
Contracts & Grants	\$ 195.1	\$ 208.9
Local Funds	\$ 253.5	\$ 261.3
Faculty Practice Plans	\$ 7.2	\$ 2.3

Note: State funds include General Revenue funds, Lottery funds, Federal Stimulus funds, and Phosphate Research funds (for Polytechnic) appropriated by the Florida Legislature (as reported in the Annual Accountability Report). Actual tuition includes base tuition and tuition differential fee revenues for resident and non-resident undergraduate and graduate students net of waivers (as reported in the Annual Accountability Report).



UNIVERSITY TUITION, FEES AND HOUSING PROJECTIONS

Undergraduate Students	-----Actual-----			-----Projected-----			
	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
Tuition:							
Base Tuition - (0% inc. for 2016-17 to 2019-20)	\$105.07	\$105.07	\$105.07	\$105.07	\$105.07	\$105.07	\$105.07
Tuition Differential ⁵	\$49.59	\$49.59	\$49.59	\$49.59	\$49.59	\$49.59	\$49.59
Total Base Tuition & Differential per Credit Hour	\$154.66	\$154.66	\$154.66	\$154.66	\$154.66	\$154.66	\$154.66
% Change		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Fees (per credit hour):							
Student Financial Aid ¹	\$5.25	\$5.25	\$5.25	\$5.25	\$5.25	\$5.25	\$5.25
Capital Improvement ²	\$4.76	\$4.76	\$4.76	\$4.76	\$4.76	\$4.76	\$4.76
Activity & Service	\$12.86	\$12.86	\$12.86	\$12.86	\$12.86	\$12.86	\$12.86
Health	\$13.97	\$13.97	\$13.97	\$13.97	\$13.97	\$13.97	\$13.97
Athletic	\$7.90	\$7.90	\$7.90	\$7.90	\$7.90	\$7.90	\$7.90
Transportation Access	\$8.90	\$8.90	\$8.90	\$8.90	\$8.90	\$8.90	\$8.90
Technology ¹	\$5.25	\$5.25	\$5.25	\$5.25	\$5.25	\$5.25	\$5.25
Green Fee (USF, NCF, UWF only)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Student Life & Services Fee (UNF only)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Marshall Center Fee (USF only)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Student Affairs Facility Use Fee (FSU only)	\$2.00	\$2.00	\$2.00	\$2.00	\$2.00	\$2.00	\$2.00
Total Fees	\$60.89	\$60.89	\$60.89	\$60.89	\$60.89	\$60.89	\$60.89
Total Tuition and Fees per Credit Hour	\$215.55	\$215.55	\$215.55	\$215.55	\$215.55	\$215.55	\$215.55
% Change		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Fees (block per term):							
Activity & Service	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Health	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Athletic	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Transportation Access	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Marshall Center Fee (USF only)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Student Affairs Facility Use Fee (FSU only)	\$20.00	\$20.00	\$20.00	\$20.00	\$20.00	\$20.00	\$20.00
List any new fee proposed							
Total Block Fees per term	\$20.00	\$20.00	\$20.00	\$20.00	\$20.00	\$20.00	\$20.00
% Change		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Total Tuition for 30 Credit Hours	\$4,639.80	\$4,639.80	\$4,639.80	\$4,639.80	\$4,639.80	\$4,639.80	\$4,639.80
Total Fees for 30 Credit Hours	\$1,866.70	\$1,866.70	\$1,866.70	\$1,866.70	\$1,866.70	\$1,866.70	\$1,866.70
Total Tuition and Fees for 30 Credit Hours	\$6,506.50	\$6,506.50	\$6,506.50	\$6,506.50	\$6,506.50	\$6,506.50	\$6,506.50
\$ Change		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
% Change		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Out-of-State Fees							
Out-of-State Undergraduate Fee	\$481.48	\$481.48	\$481.48	\$481.48	\$481.48	\$481.48	\$481.48
Out-of-State Undergraduate Student Financial Aid ³	\$24.07	\$24.07	\$24.07	\$24.07	\$24.07	\$24.07	\$24.07
Total per credit hour	\$505.55	\$505.55	\$505.55	\$505.55	\$505.55	\$505.55	\$505.55
% Change		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Total Tuition for 30 Credit Hours	\$19,084.20	\$19,084.20	\$19,084.20	\$19,084.20	\$19,084.20	\$19,084.20	\$19,084.20
Total Fees for 30 Credit Hours	\$2,588.80	\$2,588.80	\$2,588.80	\$2,588.80	\$2,588.80	\$2,588.80	\$2,588.80
Total Tuition and Fees for 30 Credit Hours	\$21,673.00	\$21,673.00	\$21,673.00	\$21,673.00	\$21,673.00	\$21,673.00	\$21,673.00
\$ Change		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
% Change		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Housing/Dining⁴							
	\$10,180.00	\$10,478.00	\$10,548.00	\$10,618.00	\$10,808.00	\$11,001.00	\$11,199.00
\$ Change		\$298.00	\$70.00	\$70.00	\$190.00	\$193.00	\$198.00
% Change		2.9%	0.7%	0.7%	1.8%	1.8%	1.8%



DEFINITIONS

Performance Based Funding

1. Percent of Bachelor's Graduates Enrolled or Employed (\$25,000+)

One Year After Graduation

This metric is based on the percentage of a graduating class of bachelor's degree recipients who are enrolled or employed (earning at least \$25,000) somewhere in the United States. Students who do not have valid social security numbers and are not found enrolled are excluded. This data now includes non-Florida data from 41 states and districts, including the District of Columbia and Puerto Rico. Sources: Accountability Report (Table 4O). State University Database System (SUDS), Florida Education & Training Placement Information Program (FETPIP) analysis of Wage Record Interchange System (WRIS2) and Federal Employment Data Exchange (FEDES), and National Student Clearinghouse (NSC).

2. Median Wages of Bachelor's Graduates Employed Full-time

One Year After Graduation

This metric is based on annualized Unemployment Insurance (UI) wage data from the fourth fiscal quarter after graduation for bachelor's recipients. This data does not include individuals who are self-employed, employed by the military, those without a valid social security number, or making less than minimum wage. This data now includes non-Florida data from 41 states and districts, including the District of Columbia and Puerto Rico. Sources: Accountability Report (Table 4O). State University Database System (SUDS), Florida Education & Training Placement Information Program (FETPIP) analysis of Wage Record Interchange System (WRIS2) and Federal Employment Data Exchange (FEDES), and National Student Clearinghouse (NSC).

3. Cost to the Student

Net Tuition & Fees
for Resident Undergraduates
per 120 Credit Hours

This metric is based on resident undergraduate student tuition and fees, books and supplies as calculated by the College Board (which serves as a proxy until a university work group makes an alternative recommendation), the average number of credit hours attempted by students who were admitted as FTIC and graduated with a bachelor's degree for programs that requires 120 credit hours, and financial aid (grants, scholarships and waivers) provided to resident undergraduate students (does not include unclassified students). Source: Accountability Report (Table 1D) – which, combines the Legislature's annual General Appropriations Act, university required fees and several files (HTD, SFA, SIF) within SUDS.

4. Six Year FTIC Graduation Rate

This metric is based on the percentage of first-time-in-college (FTIC) students who started in the Fall (or summer continuing to Fall) term and had graduated from the same institution within six years. Source: Accountability Report (Table 4D).

5. Academic Progress Rate

2nd Year Retention
with GPA Above 2.0

This metric is based on the percentage of first-time-in-college (FTIC) students who started in the Fall (or summer continuing to Fall) term and were enrolled full-time in their first semester and were still enrolled in the same institution during the Fall term following their first year with had a grade point average (GPA) of at least 2.0 at the end of their first year (Fall, Spring, Summer). Source: Accountability Report (Table 4B).

6. University Access Rate

Percent of Undergraduates
with a Pell-grant

This metric is based the number of undergraduates, enrolled during the fall term, who received a Pell-grant during the fall term. Unclassified students, who are not eligible for Pell-grants, were excluded from this metric. Source: Accountability Report (Table 3E).

7. Bachelor's Degrees within Programs of Strategic Emphasis

This metric is based on the number of baccalaureate degrees awarded within the programs designated by the Board of Governors as 'Programs of Strategic Emphasis'. 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). Source: Accountability Report (Table 4H).



8a. Graduate Degrees within Programs of Strategic Emphasis

This metric is based on the number of graduate degrees awarded within the programs designated by the Board of Governors as ‘Programs of Strategic Emphasis’. 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). Source: Accountability Report (Table 5C).

8b. Freshmen in Top 10% of High School Class

Applies to: NCF

Percent of all degree-seeking, first-time, first-year (freshman) students who had high school class rank within the top 10% of their graduating high school class. Source: New College of Florida as reported to the Common Data Set (C10).

BOG Choice Metrics

9a. Percent of Bachelor's Degrees Without Excess Hours

This metric is based on the percentage of baccalaureate degrees awarded within 110% of the credit hours required for a degree based on the Board of Governors Academic Program Inventory.

Note: It is important to note that the statutory provisions of the “Excess Hour Surcharge” (1009.286, FS) have been modified several times by the Florida Legislature, resulting in a phased-in approach that has created three different cohorts of students with different requirements. The performance funding metric data is based on the latest statutory requirements that mandates 110% of required hours as the threshold. In accordance with statute, this metric excludes the following 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, and credit hours earned in military science courses that are part of the Reserve Officers’ Training Corps (ROTC) program). Source: State University Database System (SUDS).

9b. Number of Faculty Awards

This metric is based on the number of awards that faculty have earned in the arts, humanities, science, engineering and health fields as reported in the annual ‘Top American Research Universities’ report. Twenty-three of the most prominent awards are considered, including: Getty Scholars in Residence, Guggenheim Fellows, Howard Hughes Medical Institute Investigators, MacArthur Foundation Fellows, National Endowment for the Humanities (NEH) Fellows, National Medal of Science and National Medal of Technology, Robert Wood Johnson Policy Fellows, Sloan Research Fellows, Woodrow Wilson Fellows, to name a few awards. Source: Center for Measuring University Performance, Annual Report of the Top American Research Universities (TARU).

9c. National Ranking for University

This metric is based on the number of Top 50 university rankings that NCF earned from the following list of publications: Princeton Review, Fiske Guide, QS World University Ranking, Times Higher Education World University Ranking, Academic Ranking of World University, US News and World Report National University, US News and World Report National Public University, US News and World Report Liberal Arts Colleges, Forbes, Kiplinger, Washington Monthly Liberal Arts Colleges, Washington Monthly National University, and Center for Measuring University Performance. Source: Board of Governors staff review.

BOT Choice Metrics

10a. Percent of R&D Expenditures Funded from External Sources

FAMU

This metric reports the amount of research expenditures that was funded from federal, private industry and other (non-state and non-institutional) sources. Source: National Science Foundation annual survey of Higher Education Research and Development (HERD).

10b. Bachelor's Degrees Awarded to Minorities

FAU, FGCU, FIU

This metric is the number, or percentage, of baccalaureate degrees granted in an academic year to Non-Hispanic Black and Hispanic students. This metric does not include students classified as Non-Resident Alien or students with a missing race code. Source: State University Database System (SUDS).



<p>10c. National Rank Higher than Predicted by the Financial Resources Ranking Based on U.S. and World News FSU</p>	<p>This metric is based on the difference between the Financial Resources rank and the overall University rank. U.S. News measures financial resources by using a two-year average spending per student on instruction, research, student services and related educational expenditures - spending on sports, dorms and hospitals doesn't count. Source: US News and World Report's annual National University rankings.</p>
<p>10d. Percent of Undergraduate Seniors Participating in a Research Course NCF</p>	<p>This metric is based on the percentage of undergraduate seniors who participate in a research course during their senior year. Source: New College of Florida.</p>
<p>10e. Number of Bachelor Degrees Awarded Annually UCF</p>	<p>This metric is the number of baccalaureate degrees granted in an academic year. Students who earned two distinct degrees in the same academic year were counted twice; students who completed multiple majors or tracks were only counted once. Source: State University Database System (SUDS).</p>
<p>10f. Number of Licenses/Options Executed Annually UF</p>	<p>This metric is the total number of licenses and options executed annually as reported to Association of Technology Managers (AUTM). The benchmarks are based on UF's rank within AAU institutions. Source: Accountability Report (Table 6A), University of Florida.</p>
<p>10g. Percent of Undergraduate FTE in Online Courses UNF</p>	<p>This metric is based on the percentage of undergraduate full-time equivalent (FTE) students enrolled in online courses. The FTE student is a measure of instructional activity that is based on the number of credit hours that students enroll by course level. 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.). Source: Accountability Report (Table 3C), State University Database System (SUDS).</p>
<p>Number of Postdoctoral Appointees USF</p>	<p>This metric is based on the number of post-doctoral appointees at the beginning of the academic year. A postdoctoral researcher has recently earned a doctoral (or foreign equivalent) degree and has a temporary paid appointment to focus on specialized research/scholarship under the supervision of a senior scholar. Source: National Science Foundation/National Institutes of Health annual Survey of Graduate Students and Postdoctorates in Science and Engineering (GSS).</p>
<p>Percentage of Adult Undergraduates Enrolled UWF</p>	<p>This metric is based on the percentage of undergraduates (enrolled during the fall term) who are at least 25 years old at the time of enrollment. This includes undergraduates who are not degree-seeking, or unclassified. Source: State University Database System (SUDS).</p>

Preeminent Research University Funding Metrics

<p>Average GPA and SAT Score</p>	<p>An average weighted grade point average of 4.0 or higher and an average SAT score of 1200 or higher for fall semester incoming freshmen, as reported annually in the admissions data that universities submit to the Board of Governors. This data includes registered FTIC (student type='B','E') with an admission action of admitted or provisionally admitted ('A','P','X').</p>
<p>Public University National Ranking</p>	<p>A top-50 ranking on at least two well-known and highly respected national public university rankings, reflecting national preeminence, using most recent rankings, includes: Princeton Review, Fiske Guide, QS World University Ranking, Times Higher Education World University Ranking, Academic Ranking of World University, US News and World Report National University, US News and World Report National Public University, US News and World Report Liberal Arts Colleges, Forbes, Kiplinger, Washington Monthly Liberal Arts Colleges, Washington Monthly National University, and Center for Measuring University Performance.</p>



Freshman Retention Rate (Full-time, FTIC)	Freshman Retention Rate (Full-time, FTIC) as reported annually to the Integrated Postsecondary Education Data System (IPEDS). The retention rates that are reported in the Board's annual Accountability report are preliminary because they are based on student enrollment in their second fall term as reported by the 28th calendar day following the first day of class. When the Board of Governors reports final retention rates to IPEDS in the Spring (usually the first week of April), that data is based on the student enrollment data as reported after the Fall semester has been completed. The preliminary and final retention rates are nearly identical when rounded to the nearest whole number.
6-year Graduation Rate (Full-time, FTIC)	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 <u>not</u> 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). For more information about how this data is calculated, see: http://www.flbog.edu/about/budget/docs/performance_funding/PBF_GRADUATION and RETENTION_Methodology_FINAL.pdf .
National Academy Memberships	National Academy Memberships held by faculty as reported by the Center for Measuring University Performance in the Top American Research Universities (TARU) annual report or the official membership directories maintained by each national academy.
Science & Engineering Research Expenditures (\$M)	Science & Engineering Research Expenditures, including federal research expenditures as reported annually to the National Science Foundation (NSF).
Non-Medical Science & Engineering Research Expenditures (\$M)	Total S&E research expenditures in non-medical sciences as reported to the NSF. This removes medical sciences funds (9F & 12F in HERD survey) from the total S&E amount.
National Ranking in S.T.E.M. Research Expenditures	The NSF identifies 8 broad disciplines within Science & Engineering (Computer Science, Engineering, Environmental Science, Life Science, Mathematical Sciences, Physical Sciences, Psychology, Social Sciences). The rankings by discipline are determined by BOG staff using the NSF WebCaspar database.
Patents Awarded (3 calendar years)	Total patents awarded by the United States Patent and Trademark Office (USPTO) for the most recent three calendar year period. Due to a year-lag in published reports, Board of Governors staff query the USPTO database with a query that only counts utility patents: "(AN/"University Name" AND ISD/yyyymmdd->yyyymmdd AND APT/1)".
Doctoral Degrees Awarded Annually	Doctoral degrees awarded annually, as reported annually in the Board of Governors Accountability Report.
Number of Post-Doctoral Appointees	The number of Postdoctoral Appointees awarded annually, as reported in the TARU annual report. This data is based on National Science Foundation/National Institutes of Health annual Survey of Graduate Students and Postdoctorates in Science and Engineering (GSS).
Endowment Size (\$M)	This data comes from the National Association of College and University Business Officers (NACUBO) and Commonfund Institute's annual report of Market Value of Endowment Assets - which, due to timing, may release the next fiscal year's data after the Board of Governors Accountability report is published.



Key Performance Indicators	
Teaching & Learning Metrics	
Freshmen in Top 10% of HS Graduating Class	Percent of all degree-seeking, first-time, first-year (freshman) students who had high school class rank within the top 10% of their graduating high school class. As reported by the university to the Common Data Set (C10).
Professional/Licensure Exam First-time Pass Rates	The number of exams with first-time pass rates above and below the national or state average, as reported in the annual Accountability report, including: Nursing, Law, Medicine (3 subtests), Veterinary, Pharmacy, Dental (2 subtests), Physical Therapy, and Occupational Therapy.
Average Time to Degree for FTIC in 120hr programs	This metric is the number of years between the start date (using date of most recent admission) and the end date (using the last month in the term degree was granted) for a graduating class of first-time, single-major baccalaureates in 120 credit hour programs within a (Summer, Fall, Spring) year.
FTIC Graduation Rates In 4 years (or less)	As reported in the annual Accountability report (table 4D), 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. The rate is the percentage of the initial cohort that has either graduated from or is still enrolled in the <u>same</u> institution by the fourth academic year. Both full-time and part-time students are used in the calculation. The initial cohort is revised to remove students, who have allowable exclusions as defined by IPEDS, from the cohort.
Bachelor’s Degrees Awarded	This is a count of baccalaureate degrees awarded as reported in the annual Accountability Report (Table 4G).
Graduate Degrees Awarded	This is a count of graduate degrees awarded as reported in the Accountability Report (Table 5B).
Bachelor’s Degrees Awarded To African-American and Hispanic Students	Non-Hispanic Black and Hispanic do not include students classified as Non-Resident Alien or students with a missing race code – as reported in the Accountability Report (table 4I). 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.
Adult (Aged 25+) Undergraduates Enrolled Fall term	This metric is based on the age of the student at the time of enrollment (not upon entry). Age acts as a surrogate variable that captures a large, heterogeneous population of adult students who often have family and work responsibilities as well as other life circumstances that can interfere with successful completion of educational objectives.
Percent of Undergraduate FTE Enrolled in Online Courses	Full-time Equivalent (FTE) student is a measure of instructional activity that is based on the number of credit hours that students enroll. FTE is based on the US definition, which divides undergraduate credit hours by 30. 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.).
Percent of Bachelor’s Degrees in STEM & Health	The percentage of baccalaureate degrees that are classified as STEM by the Board of Governors in the SUS program inventory as reported in the annual Accountability Report (Table 4H).
Percent of Graduate Degrees in STEM & Health	The percentage of baccalaureate degrees that are classified as STEM by the Board of Governors in the SUS program inventory as reported in the annual Accountability Report (Table 5C).



Key Performance Indicators (continued)

Scholarship, Research & Innovation Metrics

Faculty Awards	Awards include: American Council of Learned Societies (ACLS) Fellows, Beckman Young Investigators, Burroughs Wellcome Fund Career Awards, Cottrell Scholars, Fulbright American Scholars, Getty Scholars in Residence, Guggenheim Fellows, Howard Hughes Medical Institute Investigators, Lasker Medical Research Awards, MacArthur Foundation Fellows, Andrew W. Mellon Foundation Distinguished Achievement Awards, National Endowment for the Humanities (NEH) Fellows, National Humanities Center Fellows, National Institutes of Health (NIH) MERIT, National Medal of Science and National Medal of Technology, NSF CAREER awards (excluding those who are also PECASE winners), Newberry Library Long-term Fellows, Pew Scholars in Biomedicine, Presidential Early Career Awards for Scientists and Engineers (PECASE), Robert Wood Johnson Policy Fellows, Searle Scholars, Sloan Research Fellows, Woodrow Wilson Fellows. As reported by the Top American Research Universities – see: http://mup.asu.edu/research_data.html .
Total Research Expenditures (\$M)	Total expenditures for all research activities (including non-science and engineering activities) as reported in the National Science Foundation annual survey of Higher Education Research and Development (HERD).
Percent of R&D Expenditures funded from External Sources	This metric reports the amount of research expenditures that was funded from federal, private industry and other (non-state and non-institutional) sources. Source: National Science Foundation annual survey of Higher Education Research and Development (HERD).
Licenses/Options Executed	Licenses/options executed in the fiscal year for all technologies as reported in the annual Accountability Report (table 6A).
Number of Start-up Companies	The number of start-up companies that were dependent upon the licensing of University technology for initiation as reported in the annual Accountability Report (table 6A).