

SURA Membership Statistics

February 2001

SURA is a consortium of 53 colleges and universities in 15 southern states and Washington, DC.

Listing by State:	
Alabama	
	The University of Alabama
	The University of Alabama at Birmingham
	The University of Alabama in Huntsville
	Auburn University
Arkansas	
	University of Arkansas
Delaware	
	University of Delaware
District of Columbia	
	American University
	The Catholic University of America
	The George Washington University
	Georgetown University
Florida	
	University of Central Florida
	University of Florida
	Florida Atlantic University
	Florida Institute of Technology
	Florida International University
	Florida State University
	University of Miami
	University of South Florida
Georgia	
	Clark Atlanta University
	Emory University
	The University of Georgia
	Georgia Institute of Technology
	Georgia State University
Kentucky	
	University of Kentucky
Louisiana	
	University of Louisiana at Lafayette
	Louisiana State University
	Louisiana Tech University
	University of New Orleans
	Tulane University
Maryland	
	University of Maryland
Mississippi	
	Mississippi State University
North Carolina	
	Duke University
	University of North Carolina at Chapel Hill
	North Carolina State University
South Carolina	
	Clemson University
	University of South Carolina
Tennessee	
	University of Tennessee
	Vanderbilt University

Alphabetical Listing	
	The University of Alabama
	The University of Alabama at Birmingham
	The University of Alabama in Huntsville
	American University
	University of Arkansas
	Auburn University
	The Catholic University of America
	University of Central Florida
	Christopher Newport University
	Clark Atlanta University
	Clemson University
	University of Delaware
	Duke University
	Emory University
	University of Florida
	Florida Atlantic University
	Florida Institute of Technology
	Florida International University
	Florida State University
	George Mason University
	The George Washington University
	Georgetown University
	The University of Georgia
	Georgia Institute of Technology
	Georgia State University
	Hampton University
	University of Houston
	James Madison University
	University of Kentucky
	University of Louisiana at Lafayette
	Louisiana State University
	Louisiana Tech University
	University of Maryland
	University of Miami
	Mississippi State University
	University of New Orleans
	Norfolk State University
	University of North Carolina at Chapel Hill
	North Carolina State University
	Old Dominion University
	University of Richmond
	University of South Carolina
	University of South Florida
	University of Tennessee
	Texas A&M
	Tulane University
	Vanderbilt University
	University of Virginia
	Virginia Commonwealth University
	Virginia State University
	Virginia Tech

Texas
University of Houston
Texas A&M
Virginia
Christopher Newport University
George Mason University
Hampton University
James Madison University
Norfolk State University
Old Dominion University
University of Richmond
University of Virginia
Virginia Commonwealth University
Virginia State University
Virginia Tech
College of William and Mary
West Virginia
West Virginia University

West Virginia University
College of William and Mary

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I. 2000 Carnegie Classification

Classification Description	# of SURA members	% of total
Doctoral/Research-Extensive (50 or more doctoral degrees per year across at least 15 disciplines)	37	70%
Doctoral/Research-Intensive (At least 10 doctoral degrees per year across 3 or more disciplines or at least 20 doctoral degrees overall)	10	19%
Masters I (40 or more master's degrees per year across 3 or more disciplines)	5	9%
Baccalaureate-Liberal Arts (undergraduate colleges with at least half of degrees in liberal arts fields)	1	2%

II. 1994 Carnegie Classification (includes 1997 interim reclassification)

Classification Description	# of SURA members	% of total
Research I (50 or more doctoral degrees per year and \$40M or more in annual federal support)	22	42%
Research II (50 or more doctoral degrees per year and \$15.5M-\$40M in annual federal support)	9	17%
Doctoral I (at least 40 doctoral degrees per year across 5 or more disciplines)	8	15%
Doctoral II (at least 10 doctoral degrees per year in 3 or more disciplines, or 20 or more doctoral degrees in 1 or more disciplines)	8	15%
Masters I (40 or more master's degrees per year in 3 or more disciplines)	5	9%
Baccalaureate II (less than 40% of baccalaureate degrees in liberal arts or less restrictive in admissions)	1	2%

III. Federal obligations for S&E to the 100 universities and colleges receiving the largest amounts

Ranking	SURA Member	Total \$K (FY99)	Major funding agency and % of institutional total
20	Duke	224,569	HHS 79.3 NSF 8.4 DOD 7.4
22	UNC-CH	223,840	HHS 81.5 NSF 5.5 DOD 3.2
25	UAB	182,020	HHS 85.2 NASA 6.7 NSF 3.5
35	Emory	138,297	HHS 93.8 NSF 4.1 DOD 1.4

Ranking	SURA Member	Total \$K (FY99)	Major funding agency and % of institutional total
37	Vanderbilt	136,588	HHS 84.0 NSF 6.2 DOD 5.2
40	U of FL	130,623	HHS 46.9 NSF 18.8 USDA 14.6
43	U of VA	123,308	HHS 70.3 NSF 11.9 NASA 5.7
46	U of MD	120,785	NASA 32.3 NSF 23.4 HHS 14.2
48	LSU	114,345	HHS 33.9 Comm 18.4 DOD 17.6
52	U of Miami	104,657	HHS 71.5 NSF 8.0 DOD 6.9
57	Georgetown	97,440	HHS 64.9 DOD 23.3 NSF 1.4
61	U of KY	89,913	HHS 53.0 USDA 23.2 NSF 12.5
63	GIT	88,607	DOD 48.8 NSF 28.5 NASA 7.2
64	NCSU	87,947	USDA 33.8 NSF 19.6 DOD 15.3
66	TAMU	87,245	USDA 36.2 NSF 31.2 HHS 12.3
80	U of GA	67,125	USDA 40.3 HHS 27.0 NSF 15.6
82	MSU	66,467	USDA 38.8 DOD 19.0 NASA 17.2
87	VA Tech	61,561	USDA 28.4 NSF 22.6 DOD 18.4
92	VCU	55,261	HHS 78.2 NSF 7.6 ED 4.8
100	FSU	50,794	NSF 52.6 HHS 14.3 DOE 12.7

Source: *NSF Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, FY99* (Jan 2001)

IV. Federal obligations for fellowships, traineeships, and training grants to the 100 universities and colleges receiving the largest amounts

Ranking	SURA Member	\$K (FY99)
9	UNC-CH	16,227
15	Vanderbilt	12,797
20	Duke	11,874
24	UVA	8,424
34	Emory	6,095
37	U of FL	5,766
38	UAB	5,513
42	U of KY	5,244
52	U of Miami	4,170
54	USF	3,965
58	Georgetown	3,730
63	GWU	3,498
66	VCU	3,230
72	NCSU	2,790
77	LSU	2,554
82	Auburn	2,307
96	WVU	1,943
97	FSU	1,886

Source: NSF Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, FY99 (Jan 2001)

V. Top American Research Universities

Nine measures were used in this study to identify top research universities: (1) total research expenditures, (2) federal research expenditures, (3) endowment assets, (4) annual giving, (5) faculty members in the National Academies, (6) faculty awards, (7) doctoral degrees, (8) postdoctoral appointees, (9) entering freshman SAT scores.

# of measures in top 25	SURA Member (Alpha listing within each # of measures) Public
9	UNC-CH
8	U of FL
7	TAMU
6	GIT, UVA
5	UMD
3	UAB
2	U of GA, NCSU
1	U of DE, VA Tech

# of measures in top 25	SURA Member (Alpha listing within each # of measures) Private
9	Duke
7	Vanderbilt
5	Emory
3	Georgetown, U of Miami
1	GWU

Source: TheCenter at the University of Florida. *The Top American Research Universities* (July 2000)

VI. Earned Doctorates, 1999

SURA institutions among top 50

SURA Member	# of degrees
UMD	504
TAMU	501
U of FL	447
UNC-CH	374
U of GA	365

SURA Member	# of degrees
NCSU	354
VA Tech	334
UVA	333
FSU	277
USC	269

Source: *The Chronicle of Higher Education* (February 9, 2001)

By SURA State

Rank	State	# of degrees
3	Texas	2,697
7	Florida	1,944
10	North Carolina	1,105
12	Virginia	1,026
13	Maryland	1,006
14	Georgia	935
21	Tennessee	667
25	Louisiana	557

Rank	State	# of degrees
26	DC	524
27	Alabama	494
29	South Carolina	416
32	Mississippi	372
34	Kentucky	317
38	Delaware	166
41	West Virginia	140
42	Arkansas	121

Source: *The Chronicle of Higher Education* (February 9, 2001)

By Field for all doctoral degrees conferred (% of total)

ALL FIELDS	Arts & Humanities	Business	Education	Engineering	Life Sciences	Physical Sciences	Social Sciences	Professional Fields
41,140	5,468	1,104	6,557	5,337	8,126	6,324	7,036	1,160
100%	13.3%	2.7%	15.9%	13.0%	19.8%	15.4%	17.1%	2.8%

Source: *The Chronicle of Higher Education* (February 9, 2001)

VII. SURA Institutions Conferring S&E Doctorates, 1999

SURA Member	# S&E Doctorates	% of Total Doctorates	# Non-S&E Doctorates	# Total Doctorates
TAMU	377	75.2	124	501
UMD	355	70.4	149	504
U of FL	336	75.2	111	447
NCSU	297	83.9	57	354
GIT	222	97.4	6	228
UNC-CH	220	58.8	154	374
VA Tech	203	60.8	131	334
UVA	201	60.4	132	333
U of GA	197	54.0	168	365
Duke	179	71.9	70	249
UTK	161	62.9	95	256
LSU	152	60.1	101	253
U of DE	121	84.0	23	144
UKY	120	59.1	83	203
USC	119	44.2	150	269
Auburn	116	65.2	62	178
FSU	113	40.8	164	277
U of Houston	109	54.5	91	200
Vanderbilt	100	54.9	82	182
GWU	96	55.2	78	174
Clemson	93	83.0	19	112
U of Miami	89	66.9	44	133
Emory	87	65.9	45	132
UAB	87	77.0	26	113
USF	84	56.8	64	148
GMU	83	72.8	31	114
Tulane	82	58.6	58	140
VCU	73	73.7	26	99
MSU	71	63.4	41	112
Georgetown	71	73.2	26	97
GSU	62	41.3	88	150
UCF	51	57.3	38	89

SURA Member	# S&E Doctorates	% of Total Doctorates	# Non-S&E Doctorates	# Total Doctorates
U of AL	46	34.6	87	133
American	46	75.4	15	61
Old Dominion	45	72.6	17	62
U of AR	44	47.3	49	93
W&M	37	59.7	25	62
UAH	31	100.0	0	31
FIT	27	100.0	0	27
Catholic	26	26.3	73	99
FAU	22	57.9	16	38
ULL	22	59.5	15	37
FIU	17	37.0	29	46
UNO	16	45.7	19	35
CAU	16	50.0	16	32
LA Tech	14	53.8	12	26
Hampton	5	100.0	0	5

Source: NSF Science and Engineering Doctorate Awards: 1999 (Jan 2001)

VIII. Top Recipients of Pork, 2000

Ranking	SURA Member	Individual \$K	Shared \$K
4	U of AL	17,881	0
6	WVU	17,262	7,300
10	LSU	13,154	9,886
11	TAMU	13,111	21,836
15	MSU	10,825	10,048
22	USF	8,153	13,000

Source: The Chronicle of Higher Education (July 28, 2000)

IX. Licensing Revenues & Patent Activity, FY99

Ranking	SURA Member	Licensing income (\$K)	# Licenses	# Patents issued	# Patents filed	# Start-up companies
3	FSU	57,313	14	5	15	1
8	U of FL	21,650	45	58	127	2
11	Emory	15,258	35	44	50	4
17	NCSU	7,761	60	30	62	8
18	Tulane	7,572	19	7	17	0
24	TAMU	5,181	155	19	85	0
26	Clemson	4,648	10	2	7	1
28	UVA Patents Foundation	4,185	62	23	155	6
36	U of GA	3,208	64	21	44	5
44	UKY Research Foundation	2,497	n/a	24	32	2
46	GIT	2,038	46	23	143	3
51	UNC-CH	1,697	47	41	74	0
53	Duke	1,566	73	43	111	2
54	UAB	1,561	58	24	113	2
57	VA Tech Intellectual Properties	1,328	74	37	58	3
59	Vanderbilt	1,101	44	17	51	2
60	LSU Agricultural Center	1,092	17	3	7	1
65	UMD	968	109	12	113	3
74	UT Research Corp.	602	24	17	54	1
81	USF	490	18	24	53	8
83	U of DE	470	8	3	29	2

Ranking	SURA Member	Licensing income (\$K)	# Licenses	# Patents issued # Patents filed		# Start-up companies
84	Virginia Commonwealth	459	21	14	68	3
87	U of Miami	433	22	8	9	0
96	U of AR	260	21	13	21	1
103	Auburn	187	6	12	13	0
104	USC	175	12	4	26	0
111	U of Houston	121	8	5	7	0
124	WVU	42	5	2	3	0
131	UNO	14	2	2	6	0
136	George Mason	1	1	3	11	0

Source: Association of University Technology Managers, as reported in *The Chronicle of Higher Education, Facts & Figures* (11/24/00)

X. State Appropriations for Higher Education, 2000-2001

Ranking	SURA State	\$K	% 1-yr change	SURA Members	\$K	% 1-yr change
2	Texas	4,029,799	-1.0	TAMU System U of Houston System	620,742 180,703	-1.7 0.0
4	Florida	2,829,525	+7.2	U of FL USF FSU FIU UCF FAU	517,939 268,762 254,835 147,956 157,260 110,635	+5.8 +6.0 +13.0 +5.0 -0.8 +4.9
6	North Carolina	2,398,489	+5.6	UNC-CH NCSU	408,884 356,914	+5.7 +4.3
12	Georgia	1,600,329	+3.0	U of GA GIT GSU	410,651 184,805 159,281	+3.5 +6.6 +0.7
11	Virginia	1,629,776	+10.0	UVA VA Commonwealth VA Tech George Mason Old Dominion James Madison W&M Norfolk State VA State Christopher Newport	157,507 174,466 182,499 109,695 83,968 64,517 48,317 39,166 25,499 22,660	+5.9 +8.7 +5.5 +9.9 +3.3 +11.9 +9.7 +14.3 +17.4 +6.3
18	Alabama	1,159,193	+5.3	U of AL System Auburn	378,904 205,735	+6.0 +5.6
16	Maryland	1,174,603	+12.5	UMD System	798,293	+10.9
20	Tennessee	1,039,373	+5.5	UT	397,894	+6.2
22	Kentucky	1,001,625	+8.2	UKY	298,388	+3.7
24	Mississippi	881,827	+0.5	MSU	157,565	+0.9
25	South Carolina	880,120	+8.3	USC Clemson	231,157 162,250	+9.3 +5.7
26	Louisiana	880,064	-0.3	LSU LA Tech U of LA-L	403,887 34,405 48,796	+1.7 -2.6 -2.1
33	Arkansas	618,127	+2.1	U of AR System	311,546	+2.9
37	West Virginia	387,432	+6.8	WVU	207,529	+5.5
43	Delaware	185,840	+5.8	U of DE	101,531	+5.1

Source: *The Chronicle of Higher Education, Facts & Figures* (December 15, 2000)

XI. US Research-Doctorate Programs (1995 Data)*A. Physics*

Ranking	SURA Member	Ranking	SURA Member	Ranking	SURA Member
18	U of MD	63	W&M	116	U of AR
36	U of FL	71	VA Tech	120	U of AL
42	Duke	72	UTK	122	U of Miami
42	FSU	74	U of DE	124	American
45	UVA	75	U of GA	127	UAB
47	TAMU	79	LSU	128	Auburn
51	NCSU	85	USC	132	Old Dominion
53	UNC-CH	91	UKY	140	GWU
58	Vanderbilt	102	Catholic	147	FIT
61	U of Houston	114	UAH		
61	GIT	116	Tulane		

Source: National Research Council of the National Academy of Sciences Research-Doctorate Programs in the United States Data Set, 1997.

B. Materials Science

Ranking	SURA Member	Ranking	SURA Member	Ranking	SURA Member
16	U of FL	44	GIT	59	U of Houston
23	UVA	47	U of DE	61	UAH
23	NCSU	51	UMD	62	UKY
34	Vanderbilt	53	Duke	64	Auburn
38	VA Tech	55	UAB		

Source: National Research Council of the National Academy of Sciences Research-Doctorate Programs in the United States Data Set, 1997.

C. Electrical Engineering

Ranking	SURA Member	Ranking	SURA Member	Ranking	SURA Member
13	GIT	70	Vanderbilt	101	USF
17	UMD	73	Clemson	102	MSU
21	NCSU	77	UCF	105	UA
27	VA Tech	78	U of DE	107	USC
30	U of FL	88	WVU	109	FIT
32	TAMU	89	U of Houston	109	U of AR
54	Duke	95	UAH	113	Old Dominion
54	UVA	97	UKY	118	FAU
59	Auburn	98	SW LA (U of LA-L)	126	Tulane
66	UTK	99	U of Miami		
70	GWU	100	LSU		

Source: National Research Council of the National Academy of Sciences Research-Doctorate Programs in the United States Data Set, 1997.

D. Computer Science

Ranking	SURA Member	Ranking	SURA Member	Ranking	SURA Member
16	UMD	65	UKY	83	UCF
28	Duke	66	VA Tech	87	UAH
29	UNC-CH	67	GWU	88	Old Dominion
32	GIT	69	USF	93	USC
35	UVA	72	SW LA (U of LA-L)	94	FSU
46	U of FL	73	Vanderbilt	97	UAB
60	NCSU	75	U of Houston	99	MSU
63	TAMU	77	LSU	102	Tulane

Source: National Research Council of the National Academy of Sciences Research-Doctorate Programs in the United States Data Set, 1997.

E. Oceanography

Ranking	SURA Member	Ranking	SURA Member	Ranking	SURA Member
9	FSU	13	UNC-CH	19	NCSU
10	UMD	13	Duke	20	USC
11	U of Miami	15	USF	23	LSU
12	TAMU	17	Old Dominion	25	FIT

Source: *National Research Council of the National Academy of Sciences Research-Doctorate Programs in the United States Data Set, 1997.*

XII. Popular Press Statistics**A. US News. Nine SURA members are among the top schools nationally.**

Ranking	SURA Member	Ranking	SURA Member	Ranking	SURA Member
8	Duke	22	Vanderbilt	30	W&M
18	Emory	23	Georgetown	35	GIT
20	UVA	25	UNC-CH	45	Tulane

Source: *US News Online 2001 College Rankings-National Universities Top 50* (October 2000)

B. US News. Fifteen SURA members are among the top 50 public schools.

Ranking	SURA Member	Ranking	SURA Member	Ranking	SURA Member
1	UVA	18	U of FL	33	NCSU
3	UNC-CH	20	U of GA	38	Clemson
6	W&M	24	UMD	42	Auburn
8	GIT	26	U of DE	44	UTK
17	TAMU	26	VA Tech	47	FSU

Source: *US News Online 2001 College Rankings-Top National Public Universities* (October 2000)

C. Other Specific Program Rankings

Top 50 Engr-PhD Programs	
7	GIT
17	TAMU
17	VA Tech
22	Duke
22	UMD
27	U of FL
27	UVA
35	NCSU
44	Vanderbilt
50	U of DE

Top 25 Physics-PhD Programs	
Ranking	SURA Member
14	UMD

Top 25 Chemistry-PhD Programs	
Ranking	SURA Member
15	UNC-CH
18	TAMU

Top 25 Comp Sci-PhD Programs	
Ranking	SURA Member
11	UMD
13	GIT
21	UNC-CH

Top 25 Biological-PhD Programs	
12	Duke

Source: *US News Online 2001 College Rankings-PhD data from 1999* (October 2000)

D. Top 100 Wired Colleges

Ranking	SURA Member	Ranking	SURA Member	Ranking	SURA Member
2	U of DE	42	U of Miami	83	U of Houston
8	UVA	45	UNC-CH	85	Clemson
15	GIT	48	James Madison	88	UCF
18	FSU	62	CUA	93	USC
22	NCSU	67	U of Richmond	96	USF
24	GMU	69	WVU	100	Tulane
25	VA Tech	72	Hampton		
40	UMD	77	Georgetown		

Source: *Yahoo's America's Most Wired Colleges, 2000* (October 2000)

E. Kiplinger's Top 100 Public and Private Schools

Survey of colleges based on cost, quality measures, and financial aid measures.

Forty (75%) of SURA members are public institutions. Of these, 22 are ranked in the *Kiplinger* survey.

Ranking	SURA Member	Ranking	SURA Member	Ranking	SURA Member
1	UNC-CH	21	Clemson	53	USC
2	UVA	23	TAMU	57	MSU
3	W&M	24	U of DE	66	U of AR
12	U of FL	29	James Madison	78	Auburn
15	U of GA	33	UMD	83	U of AL
16	GIT	39	UKY	97	FIU
17	NCSU	43	FSU		
18	VA Tech	52	UTK		

Source: *Kiplinger's 100 Best Values in Public Colleges, 2000.*

Thirteen (25%) of SURA members are private schools. Of these, 6 are ranked in the *Kiplinger* survey.

Ranking	SURA Member
11	Duke
12	Richmond
29	Emory
43	Georgetown
56	Vanderbilt
61	Tulane

Source: *Kiplinger's 100 Best Values in Private Colleges, 2000.*