



# Graduate Student Productivity Report

## Calendar Years 1997 - 2005

Dr. Jeannine Blackwell, Dean  
Dr. Onecia Gibson, Data Research Analyst  
Dr. Yumin Zhao, Assistant Analyst

101 Gillis Building  
Lexington, KY 40506-0033  
<http://www.gradschool.uky.edu>

September 2006

This report is available online at <http://www.gradschool.uky.edu/gsreports.html>.

# Table of Contents

<b>Introduction</b> .....	<b>3</b>	<b>Table 9:</b> Percent Change from 1997 of Reported Graduate Student Projects by College.....	<b>12</b>
<b>Table 1:</b> Response Rates by College.....	<b>4</b>	<b>Table 10:</b> Top Ten Graduate Programs for Number of Reported Publications, Presentations, and Projects.....	<b>13</b>
<b>Table 2:</b> Total Number of Reported Graduate Student Publications, Presentation, and Projects by College .....	<b>5</b>	<b>Table 11:</b> Top Ten Graduate Programs for Percent Increase from 1997 of Number of Reported Publications, Presentations, and Projects.....	<b>14</b>
<b>Table 3:</b> Percent Change from 1997 of Reported Graduate Student Publications, Presentations, and Projects by College .....	<b>6</b>	<b>Table 12:</b> Total Number of Reported Graduate Student Publications, Presentation, and Projects by College and Program .....	<b>15</b>
<b>Table 4:</b> Number of Reported Graduate Student Publications by College.....	<b>7</b>	<b>Table 13:</b> Percent Change from Baseline in Total Number of Reported Graduate Student Publications, Presentation, and Projects by College and Program.....	<b>22</b>
<b>Table 5:</b> Percent Change from 1997 of Reported Graduate Student Publications by College .....	<b>8</b>		
<b>Table 6:</b> Number of Reported Graduate Student Presentations by College.....	<b>9</b>		
<b>Table 7:</b> Percent Change from 1997 of Reported Graduate Student Presentations by College .....	<b>10</b>		
<b>Table 8:</b> Number of Reported Graduate Student Projects by College .....	<b>11</b>		

## Introduction

The Graduate School is pleased to present the Graduate Student Productivity Report for calendar years 1997-2005. This report is based on information collected in response to Strategic Indicator Number 6 of the University Strategic Plan (May, 1998):

***By 2003, the University of Kentucky will:***

*Increase by 15% the number of graduate student publications in refereed journals, presentations at professional meetings, and/or earned recognition for juried creative products.*

Graduate student productivity data were submitted by the programs on an annual basis. Citations for publications, presentations, and juried creative products (i.e. projects) were reported by each graduate program for calendar years 1997 through 2005. The results from calendar year 1997 were used as the baseline.

Reports were assessed according to the language of the strategic indicator, and only those activities involving the participation of at least one graduate student as author or co-author were counted. In the publications category, only publications in refereed journals, books, and published book chapters were counted. Proceedings are not counted in this category unless there is a clear indication that the item was subject to peer review prior to acceptance/publication. In the presentations category, it was required that the presentation occur at a national or regional professional conference, and that the graduate student be a co-author (it was not necessary for the graduate student to make the

actual presentation). The juried creative products category was reserved for specific juried activities, primarily in the fine arts.

It should be noted that all citations counted herein were self-reported by the individual graduate programs, and as such reflect the best efforts of each Director of Graduate Studies in providing a complete accounting of his or her program's activity. Also, this report only encompasses program productivity involving graduate students, and does not include single-author publications by faculty or publications prepared exclusively with post-doctoral researchers or other collaborators.

In 1997 (the baseline year for this strategic indicator), the University had a total of 1,305 graduate student publications, presentations, and projects: 470 publications, 814 presentations, and 3 juried creative projects. The total number of items in 2005 was 1,860: 688 publications, 1,152 presentations, and 20 projects. The 2005 total represents a 42.5% increase over the baseline, including a 46.4% increase in publications, a 41.5% increase in presentations, and a 566.7% increase in projects.

I would like to acknowledge the graduate programs for their participation in the collection of this information, and I hope that each program finds this report useful for assessment and strategic planning activities.

Jeannine Blackwell, Dean  
The Graduate School  
September 2006

**Table 1: Response Rates by College  
Calendar Year 2005**

College	N	Received	Response Rate
Agriculture	14	13	92.8
Arts & Sciences	21	21	100.0
Business & Economics	4	3	75.0
Communication & Information Studies	2	2	100.0
Dentistry	1	1	100.0
Design	3	3	100.0
Education	33	28	84.8
Engineering	9	8	88.9
Fine Arts	11	10	90.9
Graduate School	8	8	100.0
Health Sciences	6	6	100.0
Medicine	10	10	100.0
Nursing	2	2	100.0
Pharmacy	1	1	100.0
Public Health	2	1	50.0
Social Work	1	1	100.0
<b>Total</b>	<b>128</b>	<b>118</b>	<b>92.2</b>

N=the number of programs in each college

**Table 2: Total Number of Reported Graduate Student Publications, Presentation, and Projects by College  
Calendar Years 1997 - 2005**

<b>College</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
Agriculture	281	272	311	302	282	330	313	309	298
Arts and Sciences	457	492	489	559	587	603	556	553	528
Business and Economics	38	39	43	55	63	45	58	24	29
Communications and Information Studies	8	10	24	41	19	0	26	19	41
Dentistry	3	3	10	12	6	16	8	12	0
Design	4	2	6	10	0	9	2	4	1
Education	47	70	116	121	111	131	117	84	78
Engineering	143	171	216	254	243	257	253	290	366
Fine Arts	18	24	18	18	4	9	11	74	6
Graduate School	89	87	80	61	62	56	43	100	63
Health Sciences	8	14	25	31	31	48	45	67	51
Medicine	155	122	157	172	201	218	135	268	217
Nursing	13	44	17	19	22	33	23	50	73
Pharmacy	36	50	41	59	42	100	27	70	91
Public Health	5	16	27	15	34	27	40	50	6
Social Work	0	7	19	7	21	33	24	18	12
<b>Total</b>	<b>1,305</b>	<b>1,423</b>	<b>1,599</b>	<b>1,736</b>	<b>1,728</b>	<b>1,930</b>	<b>1,693</b>	<b>1,992</b>	<b>1,860</b>

**Table 3: Percent Change from 1997 of Reported Graduate Student Publications, Presentations, and Projects by College  
Calendar Years 1997 - 2005**

<b>College</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
Agriculture		-3.2	10.7	7.5	0.4	17.4	11.4	10.0	6.0
Arts and Sciences**		7.7	7.0	22.3	28.4	31.9	21.7	21.0	15.5
Business and Economics**		2.6	13.2	44.7	65.8	18.4	52.6	-36.8	-23.7
Communications and Information Studies**		25.0	200.0	412.5	137.5	-100.0	225.0	137.5	412.5
Dentistry**		0.0	233.3	300.0	100.0	433.3	166.7	300.0	-100.0
Design		-50.0	50.0	150.0	-100.0	125.0	-50.0	0.0	-75.0
Education**		48.9	146.8	157.4	136.2	178.7	148.9	78.7	66.0
Engineering**		19.6	51.0	77.6	69.9	79.7	76.9	102.8	155.9
Fine Arts		33.3	0.0	0.0	-77.8	-50.0	-38.9	311.1	-66.7
Graduate School		-2.2	-10.1	-31.5	-30.3	-37.1	-51.7	12.4	-29.2
Health Sciences**		75.0	212.5	287.5	287.5	500.0	462.5	737.5	537.5
Medicine		-21.3	1.3	11.0	29.7	40.6	-12.9	72.9	40.0
Nursing**		238.5	30.8	46.2	69.2	153.8	76.9	284.6	461.5
Pharmacy		38.9	13.9	63.9	16.7	177.8	-25.0	94.4	152.8
Public Health**		220.0	440.0	200.0	580.0	440.0	700.0	900.0	20.0
Social Work <sup>###</sup>			171.4	0.0	200.0	371.4	242.9	157.1	71.4
<b>Total**</b>		<b>9.0</b>	<b>22.5</b>	<b>33.0</b>	<b>32.4</b>	<b>47.9</b>	<b>29.7</b>	<b>52.6</b>	<b>42.5</b>

\*\*Reached 15% increase goal stated in Strategic Indicator Number 6 in 2003.

<sup>###</sup>1997 baseline = 0. 1998 number used as baseline.

**Table 4: Number of Reported Graduate Student Publications by College  
Calendar Years 1997 - 2005**

<b>College</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
Agriculture	89	79	81	93	84	95	113	85	102
Arts and Sciences	181	155	163	158	180	206	189	194	185
Business and Economics	5	14	21	13	17	15	25	17	10
Communications and Information Studies	1	1	1	4	4	0	2	1	3
Dentistry	2	0	3	1	1	3	2	5	0
Design	0	0	0	0	0	0	0	0	0
Education	14	33	23	22	19	26	23	11	11
Engineering	62	67	71	92	87	50	77	142	215
Fine Arts	6	4	0	1	0	0	0	9	1
Graduate School	24	24	26	18	12	16	7	26	7
Health Sciences	3	3	2	7	3	15	13	15	17
Medicine	72	51	54	65	67	98	48	107	75
Nursing	5	22	7	7	11	9	9	26	30
Pharmacy	4	15	17	11	16	45	6	33	29
Public Health	2	9	5	1	5	6	6	15	0
Social Work	0	2	2	0	7	18	7	3	3
<b>Total</b>	<b>470</b>	<b>479</b>	<b>476</b>	<b>493</b>	<b>513</b>	<b>602</b>	<b>527</b>	<b>689</b>	<b>688</b>

**Table 5: Percent Change from 1997 of Reported Graduate Student Publications by College  
Calendar Years 1997 - 2005**

<b>College</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
Agriculture**		-11.2	-9.0	4.5	-5.6	6.7	27.0	-4.5	14.6
Arts and Sciences		-14.4	-9.9	-12.7	-0.6	13.8	4.4	7.2	2.2
Business and Economics**		180.0	320.0	160.0	240.0	200.0	400.0	240.0	100.0
Communications and Information Studies**		0.0	0.0	300.0	300.0	-100.0	100.0	0.0	200.0
Dentistry		-100.0	50.0	-50.0	-50.0	50.0	0.0	150.0	-100.0
Design*									
Education**		135.7	64.3	57.1	35.7	85.7	64.3	-21.4	-21.4
Engineering**		8.1	14.5	48.4	40.3	-19.4	24.2	129.0	246.8
Fine Arts		-33.3	-100.0	-83.3	-100.0	-100.0	-100.0	50.0	-83.3
Graduate School		0.0	8.3	-25.0	-50.0	-33.3	-70.8	8.3	-70.8
Health Sciences**		0.0	-33.3	133.3	0.0	400.0	333.3	400.0	466.7
Medicine		-29.2	-25.0	-9.7	-6.9	36.1	-33.3	48.6	4.2
Nursing**		340.0	40.0	40.0	120.0	80.0	80.0	420.0	500.0
Pharmacy**		275.0	325.0	175.0	300.0	1025.0	50.0	725.0	625.0
Public Health		350.0	150.0	-50.0	150.0	200.0	200.0	650.0	-100.0
Social Work <sup>#**</sup>			0.0	-100.0	250.0	800.0	250.0	50.0	50.0
<b>Total</b>		<b>1.9</b>	<b>1.3</b>	<b>4.9</b>	<b>9.1</b>	<b>28.1</b>	<b>12.1</b>	<b>46.6</b>	<b>46.4</b>

\*\*Reached 15% increase goal stated in Strategic Indicator Number 6 in 2003.

#1997 baseline = 0. 1998 number used as baseline.

\*No baseline.

**Table 6: Number of Reported Graduate Student Presentations by College  
Calendar Years 1997 - 2005**

<b>College</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
Agriculture	192	193	230	209	198	235	200	224	196
Arts and Sciences	276	337	326	401	407	397	367	359	332
Business and Economics	33	25	22	42	46	30	33	7	19
Communications and Information Studies	7	9	23	37	15	0	24	18	38
Dentistry	1	3	7	11	5	13	6	7	0
Design	4	2	5	10	0	9	2	4	1
Education	15	27	65	60	88	95	71	73	67
Engineering	81	104	145	162	156	207	176	134	146
Fine Arts	9	6	9	6	0	0	5	15	1
Graduate School	65	63	54	43	50	40	36	74	56
Health Sciences	5	11	23	24	28	48	44	52	34
Medicine	83	71	103	107	134	120	87	161	142
Nursing	8	22	10	12	11	24	14	24	43
Pharmacy	32	35	24	48	26	55	21	37	62
Public Health	3	7	22	14	29	21	34	35	6
Social Work	0	5	17	7	14	15	17	15	9
<b>Total</b>	<b>814</b>	<b>920</b>	<b>1,085</b>	<b>1,193</b>	<b>1,207</b>	<b>1,309</b>	<b>1,137</b>	<b>1,239</b>	<b>1,152</b>

**Table 7: Percent Change from 1997 of Reported Graduate Student Presentations by College  
Calendar Years 1997 - 2005**

<b>College</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
Agriculture		0.5	19.8	8.9	3.1	22.4	4.2	16.7	2.1
Arts and Sciences**		22.1	18.1	45.3	47.5	43.8	33.0	30.1	20.3
Business and Economics		-24.2	-33.3	27.3	39.4	-9.1	0.0	-78.8	-42.4
Communications and Information Studies**		28.6	228.6	428.6	114.3	-100.0	242.9	157.1	442.9
Dentistry**		200.0	600.0	1000.0	400.0	1200.0	500.0	600.0	-100.0
Design		-50.0	25.0	150.0	-100.0	125.0	-50.0	0.0	-75.0
Education**		80.0	333.3	300.0	486.7	533.3	373.3	386.7	346.7
Engineering**		28.4	79.0	100.0	92.6	155.6	117.3	65.4	80.2
Fine Arts		-33.3	0.0	-33.3	-100.0	-100.0	-44.4	66.7	-88.9
Graduate School		-3.1	-16.9	-33.8	-23.1	-38.5	-44.6	13.8	-13.8
Health Sciences**		120.0	360.0	380.0	460.0	860.0	780.0	940.0	580.0
Medicine		-14.5	24.1	28.9	61.4	44.6	4.8	94.0	71.1
Nursing**		175.0	25.0	50.0	37.5	200.0	75.0	200.0	437.5
Pharmacy		9.4	-25.0	50.0	-18.8	71.9	-34.4	15.6	93.8
Public Health**		133.3	633.3	366.7	866.7	600.0	1033.3	1066.7	100.0
Social Work#**			240.0	40.0	180.0	200.0	240.0	200.0	80.0
<b>Total**</b>		<b>13.0</b>	<b>33.3</b>	<b>46.6</b>	<b>48.3</b>	<b>60.8</b>	<b>39.7</b>	<b>52.2</b>	<b>41.5</b>

\*\*Reached 15% increase goal stated in Strategic Indicator Number 6 in 2003.

#1997 baseline = 0. 1998 number used as baseline.

**Table 8: Number of Reported Graduate Student Projects by College  
Calendar Years 1997 - 2005**

<b>College</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
Agriculture	0	0	0	0	0	0	0	0	0
Arts and Sciences	0	0	0	0	0	0	0	0	11
Business and Economics	0	0	0	0	0	0	0	0	0
Communications and Information Studies	0	0	0	0	0	0	0	0	0
Dentistry	0	0	0	0	0	0	0	0	0
Design	0	0	1	0	0	0	0	0	0
Education	0	0	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0	14	5
Fine Arts	3	14	9	11	4	9	6	50	4
Graduate School	0	0	0	0	0	0	0	0	0
Health Sciences	0	0	0	0	0	0	0	0	0
Medicine	0	0	0	0	0	0	0	0	0
Nursing	0	0	0	0	0	0	0	0	0
Pharmacy	0	0	0	0	0	0	0	0	0
Public Health	0	0	0	0	0	0	0	0	0
Social Work	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>3</b>	<b>14</b>	<b>10</b>	<b>11</b>	<b>4</b>	<b>9</b>	<b>6</b>	<b>64</b>	<b>20</b>

**Table 9: Percent Change from 1997 of Reported Graduate Student Projects by College  
Calendar Years 1997 - 2005**

<b>College</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
Agriculture									
Arts and Sciences									
Business and Economics									
Communications and Information Studies									
Dentistry									
Design									
Education									
Engineering									
Fine Arts <sup>#**</sup>		366.7	200.0	266.7	33.3	200.0	100.0	1566.7	33.3
Graduate School									
Health Sciences									
Medicine									
Nursing									
Pharmacy									
Public Health									
Social Work									
<b>Total</b>		<b>366.7</b>	<b>233.3</b>	<b>266.7</b>	<b>33.3</b>	<b>200.0</b>	<b>100.0</b>	<b>2033.3</b>	<b>566.7</b>

\*\*Reached 15% increase goal stated in Strategic Indicator Number 6 in 2003.

#Only college with a baseline.

**Table 10: Top Ten Graduate Programs for Number of Reported Publications, Presentations, and Projects  
Calendar Year 2005**

<b>Program</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
Chemistry	81	54	88	141	124	138	116	127	102
Psychology	76	69	85	116	115	127	147	81	102
Chemical Engineering	22	45	60	50	42	35	63	64	98
Pharmaceutical Sciences	36	50	41	59	42	100	27	70	91
Computer Science	6	6	16	22	30	52	68	68	85
Nursing	13	44	17	19	22	33	23	50	73
Behavioral Science					49	42	51	54	72
Animal Sciences	69	65	86	93	69	67	63	55	67
Electrical Engineering	44	40	43	53	65	16	0	31	61
Entomology	47	29	54	45	44	70	69	59	58
Anthropology	25	31	27	11	40	34	34	37	58

**Table 11: Top Ten Graduate Programs for Percent Increase from 1997 of Number of Reported Publications, Presentations, and Projects  
Calendar Year 2005**

<b>Program</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
Computer Science		0.0	166.7	266.7	400.0	766.7	1033.3	1033.3	1316.7
Statistics		200.0	100.0	300.0	350.0	950.0	550.0	800.0	1250.0
Art - Education, History, & Studio		1100.0	200.0	400.0	100.0	200.0	300.0	2400.0	500.0
Nursing		238.5	30.8	46.2	69.2	153.8	76.9	284.6	461.5
Communication		0.0	137.5	362.5	125.0	-100.0	62.5	137.5	412.5
Molecular & Cellular Biochemistry		-20.0	30.0	220.0	30.0	170.0	-100.0	390.0	410.0
Chemical Engineering		104.5	172.7	127.3	90.9	59.1	186.4	190.9	345.5
Agricultural Economics		50.0	-50.0	62.5	100.0	237.5	12.5	237.5	187.5
Educational & Counseling Psychology		-35.0	55.0	125.0	-40.0	-20.0	45.0	60.0	185.0
Plant Pathology		0.0	0.0	-9.1	36.4	163.6	100.0	127.3	181.8

**Table 12: Total Number of Reported Graduate Student Publications, Presentation, and Projects by College and Program  
Calendar Years 1997 – 2005**

College/Program	1997	1998	1999	2000	2001	2002	2003	2004	2005
<b>Agriculture</b>	<b>281</b>	<b>272</b>	<b>311</b>	<b>302</b>	<b>282</b>	<b>330</b>	<b>313</b>	<b>309</b>	<b>298</b>
Agricultural Economics	8	12	4	13	16	27	9	27	23
Animal Sciences	69	65	86	93	69	67	63	55	67
Biosystems & Agricultural Engineering	18	20	26	9	11	11	36	0	15
Career, Technology, and Leadership Education								5	1
Crop Science			16	16	15	14	13	15	6
Entomology	47	29	54	45	44	70	69	59	58
Family Studies	6	4	7	2	9	6	9	18	8
Forestry	9	10	10	6	4	23	8	15	6
Hospitality and Dietetics Administration	4	3	2	0	4	0	0	0	11
Plant & Soil Science*	72	85	19	25	14	13	23	24	23
Plant Pathology	11	11	11	10	15	29	22	25	31
Plant Physiology	10	10	17	13	22	20	18	23	0
Soil Science			26	35	28	28	14	15	28
Veterinary Science	27	23	33	35	31	22	29	28	21

\*Includes the former degrees of Horticulture and Agronomy.

Typically, empty areas are for those programs that did not exist at that time. Areas with a zero entry are for those programs with no reported items during that time period.

**Table 12: Total Number of Reported Graduate Student Publications, Presentation, and Projects by College and Program Calendar Years 1997 - 2005**

College/Program	1997	1998	1999	2000	2001	2002	2003	2004	2005
<b>Arts and Sciences</b>	<b>457</b>	<b>492</b>	<b>489</b>	<b>559</b>	<b>587</b>	<b>603</b>	<b>556</b>	<b>553</b>	<b>528</b>
Anthropology	25	31	27	11	40	34	34	37	58
Biology	61	66	60	58	45	75	60	41	42
Chemistry	81	54	88	141	124	138	116	127	102
Classical Languages & Literature	0	1	0	0	0	0	0	0	0
English	33	45	10	18	42	25	9	33	4
French	0	0	0	0	1	2	0	0	1
Geography	25	44	60	55	50	58	25	43	44
Geology	18	21	10	19	21	26	33	21	30
German	0	0	0	1	0	0	0	1	0
Hispanic Studies	12	13	22	9	11	6	14	19	13
History	23	16	10	5	13	18	30	7	22
Mathematics	11	15	9	15	15	9	12	17	14
Philosophy	3	8	14	27	27	12	13	17	7
Physics & Astronomy	35	38	29	30	38	31	23	39	39
Political Science	29	28	16	23	13	12	6	14	2
Psychology	76	69	85	116	115	127	147	81	102
Sociology	23	37	45	23	23	9	21	38	21
Statistics	2	6	4	8	9	21	13	18	27
Teaching World Languages									0

Typically, empty areas are for those programs that did not exist at that time. Areas with a zero entry are for those programs with no reported items during that time period.

**Table 12: Total Number of Reported Graduate Student Publications, Presentation, and Projects by College and Program Calendar Years 1997 - 2005**

College/Program	1997	1998	1999	2000	2001	2002	2003	2004	2005
<b>Business and Economics</b>	<b>38</b>	<b>39</b>	<b>43</b>	<b>55</b>	<b>63</b>	<b>45</b>	<b>58</b>	<b>24</b>	<b>29</b>
Accounting	3	3	0	0	0	0	4	0	1
Business Administration	23	24	24	36	52	28	38	14	28
Economics	12	12	19	19	11	17	16	10	0
<b>Communications and Information Studies</b>	<b>8</b>	<b>10</b>	<b>24</b>	<b>41</b>	<b>19</b>	<b>0</b>	<b>26</b>	<b>19</b>	<b>41</b>
Communication	8	8	19	37	18	0	13	19	41
Library Science	0	2	5	4	1	0	13	0	0
<b>Dentistry</b>	<b>3</b>	<b>3</b>	<b>10</b>	<b>12</b>	<b>6</b>	<b>16</b>	<b>8</b>	<b>12</b>	<b>0</b>
Dentistry	3	3	10	12	6	16	8	12	0
<b>Design</b>	<b>4</b>	<b>2</b>	<b>6</b>	<b>10</b>	<b>0</b>	<b>9</b>	<b>2</b>	<b>4</b>	<b>1</b>
Architecture	0	0	0	0	0	0	0	0	0
Historic Preservation	0	0	3	4	0	8	2	0	0
Interior Design, Merchandising & Textiles	4	2	3	6	0	1	0	4	1

Typically, empty areas are for those programs that did not exist at that time. Areas with a zero entry are for those programs with no reported items during that time period.

**Table 12: Total Number of Reported Graduate Student Publications, Presentation, and Projects by College and Program Calendar Years 1997 – 2005**

College/Program	1997	1998	1999	2000	2001	2002	2003	2004	2005
<b>Education</b>	<b>47</b>	<b>70</b>	<b>116</b>	<b>121</b>	<b>111</b>	<b>131</b>	<b>117</b>	<b>84</b>	<b>78</b>
Administration & Supervision	3	10	7	10	1	6	2	0	0
Curriculum & Instruction	6	3	8	5	9	10	0	0	0
Educational & Counseling Psychology	20	13	31	45	12	16	29	32	57
Educational Policy Studies & Evaluation	8	15	16	4	14	6	5	3	13
Kinesiology & Health Promotion	3	10	15	14	19	36	35	34	0
Special Education & Rehab. Counsel.	7	18	39	43	56	57	46	15	8
Vocational Education	0	1	0	0	0	0	0	0	0
<b>Engineering</b>	<b>143</b>	<b>171</b>	<b>216</b>	<b>254</b>	<b>243</b>	<b>257</b>	<b>253</b>	<b>290</b>	<b>366</b>
Chemical Engineering	22	45	60	50	42	35	63	64	98
Civil Engineering	16	26	12	18	7	29	39	11	8
Computer Science	6	6	16	22	30	52	68	68	85
Electrical Engineering	44	40	43	53	65	16	0	31	61
Manufacturing Systems Engineering	1	0	0	4	5	2	0	0	0
Master of Engineering	0	0	0	0	0	0	0	0	0
Materials Science & Engineering	26	25	51	26	24	20	25	42	53
Mechanical Engineering	20	20	29	76	58	93	42	45	49
Mining Engineering	8	9	5	5	12	10	16	29	12

Typically, empty areas are for those programs that did not exist at that time. Areas with a zero entry are for those programs with no reported items during that time period.

**Table 12: Total Number of Reported Graduate Student Publications, Presentation, and Projects by College and Program Calendar Years 1997 - 2005**

College/Program	1997	1998	1999	2000	2001	2002	2003	2004	2005
<b>Fine Arts</b>	<b>18</b>	<b>24</b>	<b>18</b>	<b>18</b>	<b>4</b>	<b>9</b>	<b>11</b>	<b>74</b>	<b>6</b>
Art - Education, History, & Studio	1	12	3	5	2	3	4	25	6
Music	17	12	15	7	0	0	3	46	0
Theatre	0	0	0	6	2	6	4	3	0
<b>Graduate School</b>	<b>89</b>	<b>87</b>	<b>80</b>	<b>61</b>	<b>62</b>	<b>56</b>	<b>43</b>	<b>100</b>	<b>63</b>
Biomedical Engineering	40	48	37	30	30	32	31	39	20
Diplomacy & International Commerce	1	0	3	4	3	0	0	0	0
Health Administration*								0	0
Nutritional Sciences	35	28	27	12	24	15	0	49	24
Public Administration	13	11	13	15	5	9	12	12	19
<b>Health Sciences</b>	<b>8</b>	<b>14</b>	<b>25</b>	<b>31</b>	<b>31</b>	<b>48</b>	<b>45</b>	<b>67</b>	<b>51</b>
Clinical Sciences					7	15	12	10	9
Communication Disorders	2	4	8	11	5	7	11	5	2
Physical Therapy	2	4	9	9	6	10	1	5	3
Physician Assistant Studies					3	1	0	0	0
Radiation Science	4	6	8	11	5	10	6	4	6
Rehabilitation Sciences					5	20	27	43	31

\*Reported with Public Admin., 1997-2003

Typically, empty areas are for those programs that did not exist at that time. Areas with a zero entry are for those programs with no reported items during that time period

**Table 12: Total Number of Reported Graduate Student Publications, Presentation, and Projects  
by College and Program  
Calendar Years 1997 – 2005**

<b>College/Program</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
<b>Medicine</b>	<b>155</b>	<b>122</b>	<b>157</b>	<b>172</b>	<b>201</b>	<b>218</b>	<b>135</b>	<b>268</b>	<b>217</b>
Anatomy & Neurobiology	42	13	35	12	29	36	2	43	0
Behavioral Science					49	42	51	54	72
Integrated Biomedical Sciences					0	1	7	10	4
Medical Sciences					3	0	0	4	6
Microbiology	29	27	21	25	27	28	19	28	15
Molecular & Biomedical Pharmacology	15	14	20	25	22	31	22	13	19
Molecular & Cellular Biochemistry	10	8	13	32	13	27	0	49	51
Physiology	23	26	34	27	34	16	7	20	34
Toxicology	36	34	34	51	24	37	27	47	16
<b>Nursing</b>	<b>13</b>	<b>44</b>	<b>17</b>	<b>19</b>	<b>22</b>	<b>33</b>	<b>23</b>	<b>50</b>	<b>73</b>
Nursing	13	44	17	19	22	33	23	50	73
<b>Pharmacy</b>	<b>36</b>	<b>50</b>	<b>41</b>	<b>59</b>	<b>42</b>	<b>100</b>	<b>27</b>	<b>70</b>	<b>91</b>
Pharmaceutical Sciences	36	50	41	59	42	100	27	70	91

Typically, empty areas are for those programs that did not exist at that time. Areas with a zero entry are for those programs with no reported items during that time period

**Table 12: Total Number of Reported Graduate Student Publications, Presentation, and Projects by College and Program  
Calendar Years 1997 - 2005**

<b>College/Program</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
<b>Public Health</b>	<b>5</b>	<b>16</b>	<b>27</b>	<b>15</b>	<b>34</b>	<b>27</b>	<b>40</b>	<b>50</b>	<b>6</b>
Gerontology	2	15	27	13	32	19	40	43	0
Public Health	3	1	0	2	2	8	0	7	6
<b>Social Work</b>	<b>0</b>	<b>7</b>	<b>19</b>	<b>7</b>	<b>21</b>	<b>33</b>	<b>24</b>	<b>18</b>	<b>12</b>
Social Work	0	7	19	7	21	33	24	18	12
<b>Total</b>	<b>1,305</b>	<b>1,423</b>	<b>1,599</b>	<b>1,736</b>	<b>1,728</b>	<b>1,930</b>	<b>1,693</b>	<b>1,992</b>	<b>1,803</b>

**Table 13: Percent Change from Baseline in Total Number of Reported Graduate Student Publications, Presentation, and Projects by College and Program  
Calendar Years 1997 – 2005**

College/Program	1997	1998	1999	2000	2001	2002	2003	2004	2005
<b>Agriculture</b>		<b>-3.2</b>	<b>10.7</b>	<b>7.5</b>	<b>0.4</b>	<b>17.4</b>	<b>11.4</b>	<b>10.0</b>	<b>6.0</b>
Agricultural Economics		50.0	-50.0	62.5	100.0	237.5	12.5	237.5	187.5
Animal Sciences		-5.8	24.6	34.8	0.0	-2.9	-8.7	-20.3	-2.9
Biosystems & Agricultural Engineering		11.1	44.4	-50.0	-38.9	-38.9	100.0	-100.0	-16.7
Career, Technology, and Leadership Education									
Crop Science									
Entomology		-38.3	14.9	-4.3	-6.4	48.9	46.8	25.5	23.4
Family Studies		-33.3	16.7	-66.7	50.0	0.0	50.0	200.0	33.3
Forestry		11.1	11.1	-33.3	-55.6	155.6	-11.1	66.7	-33.3
Hospitality and Dietetics Administration		-25.0	-50.0	-100.0	0.0	-100.0	-100.0	-100.0	175.0
Plant & Soil Science*		18.1	-73.6	-65.3	-80.6	-81.9	-68.1	-66.7	-68.1
Plant Pathology		0.0	0.0	-9.1	36.4	163.6	100.0	127.3	181.8
Plant Physiology		0.0	70.0	30.0	120.0	100.0	80.0	130.0	-100.0
Soil Science									
Veterinary Science		-14.8	22.2	29.6	14.8	-18.5	7.4	3.7	-22.2

\*Includes the former degrees of Horticulture and Agronomy.

Typically, empty areas are for those programs that did not exist at that time. Areas with a zero entry are for those programs with no reported items during that time period.

**Table 13: Percent Change from Baseline in Total Number of Reported Graduate Student Publications, Presentation, and Projects by College and Program  
Calendar Years 1997 – 2005**

College/Program	1997	1998	1999	2000	2001	2002	2003	2004	2005
<b>Arts and Sciences</b>		<b>7.7</b>	<b>7.0</b>	<b>22.3</b>	<b>28.4</b>	<b>31.9</b>	<b>21.7</b>	<b>21.0</b>	<b>15.5</b>
Anthropology		24.0	8.0	-56.0	60.0	36.0	36.0	48.0	132.0
Biology		8.2	-1.6	-4.9	-26.2	23.0	-1.6	-32.8	-31.1
Chemistry		-33.3	8.6	74.1	53.1	70.4	43.2	56.8	25.9
Classical Languages & Literature									
English		36.4	-69.7	-45.5	27.3	-24.2	-72.7	0.0	-87.9
French									
Geography		76.0	140.0	120.0	100.0	132.0	0.0	72.0	76.0
Geology		16.7	-44.4	5.6	16.7	44.4	83.3	16.7	66.7
German									
Hispanic Studies		8.3	83.3	-25.0	-8.3	-50.0	16.7	58.3	8.3
History		-30.4	-56.5	-78.3	-43.5	-21.7	30.4	-69.6	-4.3
Mathematics		36.4	-18.2	36.4	36.4	-18.2	9.1	54.5	27.3
Philosophy		166.7	366.7	800.0	800.0	300.0	333.3	466.7	133.3
Physics & Astronomy		8.6	-17.1	-14.3	8.6	-11.4	-34.3	11.4	11.4
Political Science		-3.4	-44.8	-20.7	-55.2	-58.6	-79.3	-51.7	-93.1
Psychology		-9.2	11.8	52.6	51.3	67.1	93.4	6.6	34.2
Sociology		60.9	95.7	0.0	0.0	-60.9	-8.7	65.2	-8.7
Statistics		200.0	100.0	300.0	350.0	950.0	550.0	800.0	1250.0
Teaching World Languages									

Typically, empty areas are for those programs that did not exist at that time. Areas with a zero entry are for those programs with no reported items during that time period.

**Table 13: Percent Change from Baseline in Total Number of Reported Graduate Student Publications, Presentation, and Projects by College and Program  
Calendar Years 1997 - 2005**

College/Program	1997	1998	1999	2000	2001	2002	2003	2004	2005
<b>Business and Economics</b>		<b>2.6</b>	<b>13.2</b>	<b>44.7</b>	<b>65.8</b>	<b>18.4</b>	<b>52.6</b>	<b>-36.8</b>	<b>-23.7</b>
Accounting		0.0	-100.0	-100.0	-100.0	-100.0	33.3	-100.0	-66.7
Business Administration		4.3	4.3	56.5	126.1	21.7	65.2	-39.1	21.7
Economics		0.0	58.3	58.3	-8.3	41.7	33.3	-16.7	-100.0
<b>Communications and Information Studies</b>		<b>25.0</b>	<b>200.0</b>	<b>412.5</b>	<b>137.5</b>	<b>-100.0</b>	<b>225.0</b>	<b>137.5</b>	<b>412.5</b>
Communication		0.0	137.5	362.5	125.0	-100.0	62.5	137.5	412.5
Library Science									
<b>Dentistry</b>		<b>0.0</b>	<b>233.3</b>	<b>300.0</b>	<b>100.0</b>	<b>433.3</b>	<b>166.7</b>	<b>300.0</b>	<b>-100.0</b>
Dentistry		0.0	233.3	300.0	100.0	433.3	166.7	300.0	-100.0
<b>Design</b>		<b>-50.0</b>	<b>50.0</b>	<b>150.0</b>	<b>-100.0</b>	<b>125.0</b>	<b>-50.0</b>	<b>0.0</b>	<b>-75.0</b>
Architecture									
Historic Preservation									
Interior Design, Merchandising & Textiles		-50.0	-25.0	50.0	-100.0	-75.0	-100.0	0.0	-75.0

Typically, empty areas are for those programs that did not exist at that time. Areas with a zero entry are for those programs with no reported items during that time period.

**Table 13: Percent Change from Baseline in Total Number of Reported Graduate Student Publications, Presentation, and Projects by College and Program  
Calendar Years 1997 - 2005**

College/Program	1997	1998	1999	2000	2001	2002	2003	2004	2005
<b>Education</b>		<b>48.9</b>	<b>146.8</b>	<b>157.4</b>	<b>136.2</b>	<b>178.7</b>	<b>148.9</b>	<b>78.7</b>	<b>66.0</b>
Administration & Supervision		233.3	133.3	233.3	-66.7	100.0	-33.3	-100.0	-100.0
Curriculum & Instruction		-50.0	33.3	-16.7	50.0	66.7	-100.0	-100.0	-100.0
Educational & Counseling Psychology		-35.0	55.0	125.0	-40.0	-20.0	45.0	60.0	185.0
Educational Policy Studies & Evaluation		87.5	100.0	-50.0	75.0	-25.0	-37.5	-62.5	62.5
Kinesiology & Health Promotion		233.3	400.0	366.7	533.3	1100.0	1066.7	1033.3	-100.0
Special Education & Rehab. Counsel.		157.1	457.1	514.3	700.0	714.3	557.1	114.3	14.3
Vocational Education									
<b>Engineering</b>		<b>19.6</b>	<b>51.0</b>	<b>77.6</b>	<b>69.9</b>	<b>79.7</b>	<b>76.9</b>	<b>102.8</b>	<b>155.9</b>
Chemical Engineering		104.5	172.7	127.3	90.9	59.1	186.4	190.9	345.5
Civil Engineering		62.5	-25.0	12.5	-56.3	81.3	143.8	-31.3	-50.0
Computer Science		0.0	166.7	266.7	400.0	766.7	1033.3	1033.3	1316.7
Electrical Engineering		-9.1	-2.3	20.5	47.7	-63.6	-100.0	-29.5	38.6
Manufacturing Systems Engineering		-100.0	-100.0	300.0	400.0	100.0	-100.0	-100.0	-100.0
Master of Engineering									
Materials Science & Engineering		-3.8	96.2	0.0	-7.7	-23.1	-3.8	61.5	103.8
Mechanical Engineering		0.0	45.0	280.0	190.0	365.0	110.0	125.0	145.0
Mining Engineering		12.5	-37.5	-37.5	50.0	25.0	100.0	262.5	50.0

---

Typically, empty areas are for those programs that did not exist at that time. Areas with a zero entry are for those programs with no reported items during that time period.

**Table 13: Percent Change from Baseline in Total Number of Reported Graduate Student Publications, Presentation, and Projects by College and Program  
Calendar Years 1997 - 2005**

College/Program	1997	1998	1999	2000	2001	2002	2003	2004	2005
<b>Fine Arts</b>		<b>33.3</b>	<b>0.0</b>	<b>0.0</b>	<b>-77.8</b>	<b>-50.0</b>	<b>-38.9</b>	<b>311.1</b>	<b>-66.7</b>
Art - Education, History, & Studio		1100.0	200.0	400.0	100.0	200.0	300.0	2400.0	500.0
Music		-29.4	-11.8	-58.8	-100.0	-100.0	-82.4	170.6	-100.0
Theatre									
<b>Graduate School</b>		<b>-2.2</b>	<b>-10.1</b>	<b>-31.5</b>	<b>-30.3</b>	<b>-37.1</b>	<b>-51.7</b>	<b>12.4</b>	<b>-29.2</b>
Biomedical Engineering		20.0	-7.5	-25.0	-25.0	-20.0	-22.5	-2.5	-50.0
Diplomacy & International Commerce		-100.0	200.0	300.0	200.0	-100.0	-100.0	-100.0	-100.0
Health Administration*									
Nutritional Sciences		-20.0	-22.9	-65.7	-31.4	-57.1	-100.0	40.0	-31.4
Public Administration		-15.4	0.0	15.4	-61.5	-30.8	-7.7	-7.7	46.2
<b>Health Sciences</b>		<b>75.0</b>	<b>212.5</b>	<b>287.5</b>	<b>287.5</b>	<b>500.0</b>	<b>462.5</b>	<b>737.5</b>	<b>537.5</b>
Communication Disorders		100.0	300.0	450.0	150.0	250.0	450.0	150.0	0.0
Physical Therapy		100.0	350.0	350.0	200.0	400.0	-50.0	150.0	50.0
Physician Assistant Studies									
Radiation Science		50.0	100.0	175.0	25.0	150.0	50.0	0.0	50.0
Rehabilitation Sciences									

\*Reported with Public Admin., 1997-2003

Typically, empty areas are for those programs that did not exist at that time. Areas with a zero entry are for those programs with no reported items during that time period.

**Table 13: Percent Change from Baseline in Total Number of Reported Graduate Student Publications, Presentation, and Projects by College and Program  
Calendar Years 1997 - 2005**

College/Program	1997	1998	1999	2000	2001	2002	2003	2004	2005
<b>Medicine</b>		-21.3	1.3	11.0	29.7	40.6	-12.9	72.9	40.0
Anatomy & Neurobiology		-69.0	-16.7	-71.4	-31.0	-14.3	-95.2	2.4	-100.0
Behavioral Science									
Integrated Biomedical Sciences									
Medical Sciences									
Microbiology		-6.9	-27.6	-13.8	-6.9	-3.4	-34.5	-3.4	-48.3
Molecular & Biomedical Pharmacology		-6.7	33.3	66.7	46.7	106.7	46.7	-13.3	26.7
Molecular & Cellular Biochemistry		-20.0	30.0	220.0	30.0	170.0	-100.0	390.0	410.0
Physiology		13.0	47.8	17.4	47.8	-30.4	-69.6	-13.0	47.8
Toxicology		-5.6	-5.6	41.7	-33.3	2.8	-25.0	30.6	-55.6
<b>Nursing</b>		<b>238.5</b>	<b>30.8</b>	<b>46.2</b>	<b>69.2</b>	<b>153.8</b>	<b>76.9</b>	<b>284.6</b>	<b>461.5</b>
Nursing		238.5	30.8	46.2	69.2	153.8	76.9	284.6	461.5
<b>Pharmacy</b>		<b>38.9</b>	<b>13.9</b>	<b>63.9</b>	<b>16.7</b>	<b>177.8</b>	<b>-25.0</b>	<b>94.4</b>	<b>152.8</b>
Pharmaceutical Sciences		38.9	13.9	63.9	16.7	177.8	-25.0	94.4	152.8

Typically, empty areas are for those programs that did not exist at that time. Areas with a zero entry are for those programs with no reported items during that time period.

**Table 13: Percent Change from Baseline in Total Number of Reported Graduate Student Publications, Presentation, and Projects by College and Program  
Calendar Years 1997 - 2005**

College/Program	1997	1998	1999	2000	2001	2002	2003	2004	2005
<b>Public Health</b>		<b>220.0</b>	<b>440.0</b>	<b>200.0</b>	<b>580.0</b>	<b>440.0</b>	<b>700.0</b>	<b>900.0</b>	<b>20.0</b>
Gerontology		650.0	1250.0	550.0	1500.0	850.0	1900.0	2050.0	-100.0
Public Health		-66.7	-100.0	-33.3	-33.3	166.7	-100.0	133.3	100.0
<b>Social Work<sup>#</sup></b>			<b>171.4</b>	<b>0.0</b>	<b>200.0</b>	<b>371.4</b>	<b>242.9</b>	<b>157.1</b>	<b>71.4</b>
Social Work			171.4	0.0	200.0	371.4	242.9	157.1	71.4
<b>Total</b>		<b>9.0</b>	<b>22.5</b>	<b>33.0</b>	<b>32.4</b>	<b>47.9</b>	<b>29.7</b>	<b>52.6</b>	<b>38.2</b>

Typically, empty areas are for those programs that did not exist at that time. Areas with a zero entry are for those programs with no reported items during that time period.

<sup>#</sup>1997 Baseline=0. 1998 number used as baseline.