

# **GRADUATE STUDENT PRODUCTIVITY REPORT**

The University of Kentucky Graduate School  
351 Patterson Office Tower  
Lexington, KY 40506-0027

**1997-2001**

*June 2002*

**GRADUATE STUDENT  
PRODUCTIVITY REPORT  
1997-2001**

The University of Kentucky  
Graduate School

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## INTRODUCTION:

The Graduate School is pleased to present the Graduate Student Productivity Report for calendar years 1997-2001. 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 in November 1998 (1997 and 1998 calendar years), February 2000, 2001, and 2002. 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. 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, 832 presentations, and 3 juried creative projects. The total number of items in 2001 was 1,672, a decrease from a high of 1,736 items in calendar year 2000. This decrease was due primarily to a decrease in student presentations, owing (at least in part) to a decrease in travel during the final months of 2001. The 2001 total represents a 28% increase over the baseline, including a 7% increase in publications and a 40% increase in presentations.

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.

Douglass S. Kalika, Acting Dean  
The Graduate School

*June, 2002*

**GRADUATE STUDENT PRODUCTIVITY BY COLLEGE  
1997-2001**

COLLEGE	<i>Publications</i>					<i>Presentations</i>					<i>Projects</i>				
	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001
Agriculture	82	77	75	90	82	171	168	201	201	176	0	0	0	0	0
Allied Health	3	3	2	7	3	5	11	23	24	28	0	0	0	0	0
Architecture	0	0	0	0	0	0	0	2	4	0	0	0	1	0	0
Arts and Sciences	181	155	163	158	179	276	337	326	401	407	0	0	0	0	0
Business and Economics	5	14	21	13	17	33	25	22	42	46	0	0	0	0	0
Communications and Information Studies	1	1	1	4	4	7	9	23	37	15	0	0	0	0	0
Dentistry	2	0	3	1	1	1	3	7	11	5	0	0	0	0	0
Education	14	33	23	22	19	33	37	93	99	88	0	0	0	0	0
Engineering	65	68	77	94	87	96	123	165	169	167	0	0	0	0	0
Fine Arts	6	4	0	1	0	9	6	9	6	0	3	14	9	11	2
Graduate School	31	46	39	36	24	96	90	102	89	94	0	0	0	0	0
Human Environmental Sciences	4	1	0	1	2	10	8	12	7	11	0	0	0	0	0
Medicine	67	38	46	48	50	55	51	77	75	80	0	0	0	0	0
Nursing	5	22	7	7	11	8	22	10	12	11	0	0	0	0	0
Pharmacy	4	15	17	11	16	32	35	24	48	26	0	0	0	0	0
Social Work	0	2	2	0	7	0	5	17	7	14	0	0	0	0	0
<b>TOTALS</b>	<b>470</b>	<b>479</b>	<b>476</b>	<b>493</b>	<b>502</b>	<b>832</b>	<b>930</b>	<b>1113</b>	<b>1232</b>	<b>1168</b>	<b>3</b>	<b>14</b>	<b>10</b>	<b>11</b>	<b>2</b>

**GRADUATE STUDENT PRODUCTIVITY BY PROGRAM  
1997-2001**

**COLLEGE = AGRICULTURE**

<b>PROGRAM</b>	<i>Publications</i>					<i>Presentations</i>					<i>Projects</i>				
	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>
Agricultural Economics	2	2	1	1	3	6	10	3	12	13	0	0	0	0	0
Agronomy	15	20	(b)	(b)	(b)	40	44	(b)	(b)	(b)	0	0	(b)	(b)	(b)
Animal Sciences	22	22	25	34	18	47	43	61	59	51	0	0	0	0	0
Crop Science	(a)	(a)	5	7	4	(a)	(a)	11	9	11	(a)	(a)	0	0	0
Entomology	19	8	12	18	19	28	21	42	27	25	0	0	0	0	0
Forestry	2	1	5	1	0	7	9	5	5	4	0	0	0	0	0
Horticulture	4	9	(b)	(b)	(b)	13	12	(b)	(b)	(b)	0	0	(b)	(b)	(b)
Plant & Soil Science	(a)	(a)	2	3	0	(a)	(a)	17	22	14	(a)	(a)	0	0	0
Plant Pathology	9	2	3	2	7	2	9	8	8	8	0	0	0	0	0
Plant Physiology	0	4	4	6	7	10	6	13	7	15	0	0	0	0	0
Soil Science	(a)	(a)	8	4	6	(a)	(a)	18	31	22	(a)	(a)	0	0	0
Veterinary Science	9	9	10	14	18	18	14	23	21	13	0	0	0	0	0

(a) - see Agronomy, Horticulture

(b) - see Crop Science, Plant & Soil Science, Soil Science

**GRADUATE STUDENT PRODUCTIVITY BY PROGRAM  
1997-2001**

**COLLEGE = ALLIED HEALTH**

PROGRAM	<i>Publications</i>					<i>Presentations</i>					<i>Projects</i>				
	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001
Clinical Sciences	(c)	(c)	(c)	(c)	0	(c)	(c)	(c)	(c)	7	(c)	(c)	(c)	(c)	0
Communication Disorders	0	0	1	0	0	2	4	7	11	5	0	0	0	0	0
Physical Therapy	1	2	1	3	0	1	2	8	6	6	0	0	0	0	0
Physician Assist. Studies	(d)	(d)	(d)	(d)	1	(d)	(d)	(d)	(d)	2	(d)	(d)	(d)	(d)	0
Radiation Science	2	1	0	4	1	2	5	8	7	4	0	0	0	0	0
Rehabilitation Sciences	(e)	(e)	(e)	(e)	1	(e)	(e)	(e)	(e)	4	(e)	(e)	(e)	(e)	0

(c) - Clinical Sciences Program established Spring, 2001

(d) - Physician Assistant Studies Program established Spring, 2001

(e) - Rehabilitation Sciences Program established Fall, 2000

**COLLEGE = ARCHITECTURE**

PROGRAM	<i>Publications</i>					<i>Presentations</i>					<i>Projects</i>				
	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001
Historic Preservation	0	0	0	0	0	0	0	2	4	0	0	0	1	0	0

**GRADUATE STUDENT PRODUCTIVITY BY PROGRAM  
1997-2001**

**COLLEGE = ARTS and SCIENCES**

PROGRAM	<i>Publications</i>					<i>Presentations</i>					<i>Projects</i>				
	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001
Anthropology	1	6	6	2	4	24	25	21	9	36	0	0	0	0	0
Biology	24	25	24	16	6	37	41	36	42	39	0	0	0	0	0
Chemistry	53	39	51	52	58	28	15	37	89	66	0	0	0	0	0
Classical Languages & Literatures	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
English	7	10	3	1	16	26	35	7	17	26	0	0	0	0	0
French	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Geography	7	5	9	10	13	18	39	51	45	37	0	0	0	0	0
Geology	3	2	1	11	3	15	19	9	8	18	0	0	0	0	0
German	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
History	14	6	1	1	4	9	10	9	4	9	0	0	0	0	0
Mathematics	1	1	3	4	7	10	14	6	11	8	0	0	0	0	0
Philosophy	0	1	3	4	9	3	7	11	23	18	0	0	0	0	0
Physics & Astronomy	19	20	11	16	10	16	18	18	14	28	0	0	0	0	0
Political Science	9	2	5	1	0	20	26	11	22	13	0	0	0	0	0
Psychology	36	29	33	36	46	40	40	52	80	69	0	0	0	0	0
Sociology	2	1	6	0	2	21	36	39	23	21	0	0	0	0	0
Spanish	4	5	6	0	1	8	8	16	9	10	0	0	0	0	0
Statistics	1	3	1	4	1	1	3	3	4	8	0	0	0	0	0

**GRADUATE STUDENT PRODUCTIVITY BY PROGRAM  
1997-2001**

**COLLEGE = BUSINESS and ECONOMICS**

PROGRAM	<i>Publications</i>					<i>Presentations</i>					<i>Projects</i>				
	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001
Accounting	1	2	0	0	0	2	1	0	0	0	0	0	0	0	0
Business Administration	4	12	17	11	17	19	12	7	25	35	0	0	0	0	0
Economics	0	0	4	2	0	12	12	15	17	11	0	0	0	0	0

**COLLEGE = COMMUNICATIONS and INFORMATION STUDIES**

PROGRAM	<i>Publications</i>					<i>Presentations</i>					<i>Projects</i>				
	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001
Communication	1	1	0	3	3	7	7	19	34	15	0	0	0	0	0
Library Science	0	0	1	1	1	0	2	4	3	0	0	0	0	0	0

**COLLEGE = DENTISTRY**

PROGRAM	<i>Publications</i>					<i>Presentations</i>					<i>Projects</i>				
	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001
Dentistry	2	0	3	1	1	1	3	7	11	5	0	0	0	0	0

**GRADUATE STUDENT PRODUCTIVITY BY PROGRAM  
1997-2001**

**COLLEGE = EDUCATION**

PROGRAM	Publications					Presentations					Projects				
	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001
Administration & Supervision	1	3	0	0	0	2	7	7	10	1	0	0	0	0	0
Curriculum & Instruction	1	0	1	1	3	5	3	7	4	6	0	0	0	0	0
Educational Policy Studies & Evaluation	1	4	4	2	0	7	11	12	2	14	0	0	0	0	0
Educational & Counseling Psychology	2	3	3	6	8	18	10	28	39	4	0	0	0	0	0
Kinesiology & Health Promotion	2	4	3	1	1	1	6	12	13	18	0	0	0	0	0
Special Education & Rehab. Counsel.	7	18	12	12	7	NR	NR	27	31	49	0	0	0	0	0
Vocational Education	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0

*NR = not reported*

**COLLEGE = ENGINEERING**

PROGRAM	Publications					Presentations					Projects				
	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001
Biosystems & Agricultural Engineering	3	1	6	2	0	15	19	20	7	11	0	0	0	0	0
Chemical Engineering	14	25	16	11	16	8	20	44	39	26	0	0	0	0	0
Civil Engineering	6	14	5	7	6	10	12	7	11	1	0	0	0	0	0
Computer Science	0	2	5	8	5	6	4	11	14	25	0	0	0	0	0
Electrical Engineering	19	6	13	32	32	25	34	30	21	33	0	0	0	0	0
Manufacturing Systems Engineering	0	0	0	3	1	1	0	0	1	4	0	0	0	0	0
Materials Science & Engineering	7	9	25	16	20	19	16	26	10	4	0	0	0	0	0
Mechanical Engineering	10	8	7	14	4	10	12	22	62	54	0	0	0	0	0
Mining Engineering	6	3	0	1	3	2	6	5	4	9	0	0	0	0	0

**GRADUATE STUDENT PRODUCTIVITY BY PROGRAM  
1997-2001**

**COLLEGE = FINE ARTS**

PROGRAM	Publications					Presentations					Projects				
	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001
Art - Education, History, & Studio	0	1	0	1	0	0	0	1	2	0	1	11	2	2	2
Music	6	3	0	0	NR	9	6	8	4	NR	2	3	7	3	NR
Theatre	0	0	0	0	0	0	0	0	0	0	0	0	0	6	2

*NR = not reported*

**COLLEGE = GRADUATE SCHOOL**

PROGRAM	Publications					Presentations					Projects				
	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001
Biomedical Engineering	7	7	13	9	6	33	41	24	21	24	0	0	0	0	0
Diplomacy & International Commerce	0	0	0	0	1	1	0	3	4	2	0	0	0	0	0
Gerontology	0	8	5	1	5	2	7	22	12	27	0	0	0	0	0
Nutritional Sciences	16	11	10	6	5	19	17	17	6	19	0	0	0	0	0
Public & Health Administration	1	6	3	3	0	12	5	10	12	5	0	0	0	0	0
Toxicology	7	14	8	17	7	29	20	26	34	17	0	0	0	0	0

**GRADUATE STUDENT PRODUCTIVITY BY PROGRAM  
1997-2001**

**COLLEGE = HUMAN ENVIRONMENTAL SCIENCES**

PROGRAM	I	<i>Publications</i>					<i>Presentations</i>					<i>Projects</i>				
		1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001
Family Studies		1	0	0	1	2	5	4	7	1	7	0	0	0	0	0
Hospitality and Dietetics Administration		3	1	0	0	0	1	2	2	0	4	0	0	0	0	0
Interior Design, Merchandising & Textiles		0	0	0	0	0	4	2	3	6	0	0	0	0	0	0

**COLLEGE = MEDICINE**

PROGRAM	I	<i>Publications</i>					<i>Presentations</i>					<i>Projects</i>				
		1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001
Anatomy & Neurobiology		28	6	15	4	11	14	7	20	8	18	0	0	0	0	0
Behavioral Science		(f)	(f)	(f)	(f)	10	(f)	(f)	(f)	(f)	39	(f)	(f)	(f)	(f)	0
Biochemistry		5	5	9	18	11	5	3	4	14	2	0	0	0	0	0
Medical Sciences		(g)	(g)	(g)	(g)	2	(g)	(g)	(g)	(g)	1	(g)	(g)	(g)	(g)	0
Microbiology		14	10	4	11	10	15	17	17	14	17	0	0	0	0	0
Pharmacology		7	6	3	6	6	8	8	17	19	16	0	0	0	0	0
Physiology		11	10	15	9	10	12	16	19	18	24	0	0	0	0	0
Public Health		2	1	0	0	0	1	0	0	2	2	0	0	0	0	0

(f) - Students in Anthropology, Communication, Gerontology, Nutritional Sciences, Psychology, and Social Work

(g) - Medical Sciences program established Spring, 2000

**GRADUATE STUDENT PRODUCTIVITY BY PROGRAM  
1997-2001**

**COLLEGE = NURSING**

PROGRAM	1997	<i>Publications</i>				<i>Presentations</i>					<i>Projects</i>				
		1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000
Nursing	5	22	7	7	11	8	22	10	12	11	0	0	0	0	0

**COLLEGE = PHARMACY**

PROGRAM	1997	<i>Publications</i>				<i>Presentations</i>					<i>Projects</i>				
		1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000
Pharmaceutical Sciences	4	15	17	11	16	32	35	24	48	26	0	0	0	0	0

**COLLEGE = SOCIAL WORK**

PROGRAM	1997	<i>Publications</i>				<i>Presentations</i>					<i>Projects</i>				
		1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	1997	1998	1999	2000
Social Work	0	2	2	0	7	0	5	17	7	14	0	0	0	0	0

**GRADUATE STUDENT PRODUCTIVITY BY PROGRAM**  
**TOP TEN GRADUATE PROGRAMS RANKED BY TOTAL REPORTED PUBLICATIONS 1997-2001**

<b>PROGRAM</b>	<i>Publications</i>					<i>Presentations</i>					<i>Total Publications</i>
	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	
Chemistry	53	39	51	52	58	28	15	37	89	66	253
Psychology	36	29	33	36	46	40	40	52	80	69	180
Animal Sciences	22	22	25	34	18	47	43	61	59	51	121
Electrical Engineering	19	6	13	32	32	25	34	30	21	33	102
Biology	24	25	24	16	6	37	41	36	42	39	95
Chemical Engineering	14	25	16	11	16	8	20	44	39	26	82
Materials Science & Engineering	7	9	25	16	20	19	16	26	10	4	77
Entomology	19	8	12	18	19	28	21	42	27	25	76
Physics & Astronomy	19	20	11	16	10	16	18	18	14	28	76
Anatomy & Neurobiology	28	6	15	4	11	14	7	20	8	18	64

**GRADUATE STUDENT PRODUCTIVITY BY PROGRAM**  
**TOP TEN GRADUATE PROGRAMS RANKED BY TOTAL REPORTED PRESENTATIONS 1997-2001**

PROGRAM	<i>Publications</i>					<i>Presentations</i>					<i>Total Presentations</i>
	1997	1998	1999	2000	2001	1997	1998	1999	2000	2001	
Psychology	36	29	33	36	46	40	40	52	80	69	281
Animal Sciences	22	22	25	34	18	47	43	61	59	51	261
Chemistry	53	39	51	52	58	28	15	37	89	66	235
Biology	24	25	24	16	6	37	41	36	42	39	195
Geography	7	5	9	10	13	18	39	51	45	37	190
Pharmaceutical Sciences	4	15	17	11	16	32	35	24	48	26	165
Mechanical Engineering	10	8	7	14	4	10	12	22	62	54	160
Electrical Engineering	19	6	13	32	32	25	34	30	21	33	143
Entomology	19	8	12	18	19	28	21	42	27	25	143
Biomedical Engineering	7	7	13	9	6	33	41	24	21	24	143