

# **GRADUATE STUDENT PRODUCTIVITY REPORT**

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

**1997-2003**

*August, 2004*

**GRADUATE STUDENT  
PRODUCTIVITY REPORT  
1997-2003**

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 1997-2003. 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, 2002, 2003 and 2004. 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 2003 was 1,679: 588 publications, 1084 presentations, and 7 projects. The 2003 total represents a 23% increase over the baseline, including a 20% increase in publications and a 24% 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.

Jeannine Blackwell, Dean  
The Graduate School

*August, 2004*

**GRADUATE STUDENT PRODUCTIVITY BY PROGRAM**  
**TOP TEN GRADUATE PROGRAMS RANKED BY TOTAL REPORTED PRESENTATIONS 1997-2003**

PROGRAM	<i>Publications</i>							<i>Presentations</i>							<i>Total Presentations</i>
	1997	1998	1999	2000	2001	2002	2003	1997	1998	1999	2000	2001	2002	2003	
Psychology	36	29	33	36	46	41	64	40	40	52	80	69	86	83	450
Chemistry	53	39	51	52	58	77	51	28	15	37	89	66	61	65	361
Animal Sciences	22	22	25	34	18	27	28	47	43	61	59	51	40	35	336
Biology	24	25	24	16	6	17	17	37	41	36	42	39	58	43	296
Mechanical Engineering	10	8	7	14	4	6	9	10	12	22	62	54	87	33	280
Geography	7	5	9	10	13	8	7	18	39	51	45	37	50	18	258
Pharmaceutical Sciences	4	15	17	11	16	45	6	32	35	24	48	26	55	21	241
Entomology	19	8	12	18	19	21	24	28	21	42	27	25	49	45	237
Chemical Engineering	14	25	16	11	16	14	22	8	20	44	39	26	21	41	199
Biomedical Engineering	7	7	13	9	6	9	3	33	41	24	21	24	23	28	194

**GRADUATE STUDENT PRODUCTIVITY BY PROGRAM**  
**TOP TEN GRADUATE PROGRAMS RANKED BY TOTAL REPORTED PUBLICATIONS 1997-2003**

PROGRAM	<i>Publications</i>							<i>Presentations</i>							<i>Total Publications</i>
	1997	1998	1999	2000	2001	2002	2003	1997	1998	1999	2000	2001	2002	2003	
Chemistry	53	39	51	52	58	77	51	28	15	37	89	66	61	65	381
Psychology	36	29	33	36	46	41	64	40	40	52	80	69	86	83	285
Animal Sciences	22	22	25	34	18	27	28	47	43	61	59	51	40	35	176
Biology	24	25	24	16	6	17	17	37	41	36	42	39	58	43	129
Entomology	19	8	12	18	19	21	24	28	21	42	27	25	49	45	121
Chemical Engineering	14	25	16	11	16	14	22	8	20	44	39	26	21	41	118
Pharmaceutical Sciences	4	15	17	11	16	45	6	32	35	24	48	26	55	21	114
Electrical Engineering	19	6	13	32	32	5	NR	25	34	30	21	33	11	NR	107
Materials Science & Engineering	7	9	25	16	20	7	17	19	16	26	10	4	13	8	101
Physics & Astronomy	19	20	11	16	10	12	10	16	18	18	14	28	19	13	98

**GRADUATE STUDENT PRODUCTIVITY BY COLLEGE  
1997-2003**

COLLEGE	<i>Publications</i>							<i>Presentations</i>							<i>Projects</i>						
	1997	1998	1999	2000	2001	2002	2003	1997	1998	1999	2000	2001	2002	2003	1997	1998	1999	2000	2001	2002	2003
Agriculture	82	77	75	90	82	94	112	171	168	201	201	176	230	192	0	0	0	0	0	0	0
Architecture	0	0	0	0	0	0	0	0	0	2	4	0	8	2	0	0	1	0	0	0	0
Arts and Sciences	181	155	163	158	180	206	189	276	337	326	401	407	397	367	0	0	0	0	0	0	0
Business and Economics	5	14	21	13	17	15	25	33	25	22	42	46	30	33	0	0	0	0	0	0	0
Communications and Information Studies	1	1	1	4	4	0	2	7	9	23	37	15	0	24	0	0	0	0	0	0	0
Dentistry	2	0	3	1	1	3	2	1	3	7	11	5	13	6	0	0	0	0	0	0	0
Education	14	33	23	22	19	26	23	33	37	93	99	92	105	94	0	0	0	0	0	0	0
Engineering	65	68	77	94	87	50	77	96	123	165	169	167	207	176	0	0	0	0	0	0	0
Fine Arts	6	4	0	1	0	0	0	9	6	9	6	0	0	5	3	14	9	11	4	9	6
Graduate School	31	46	39	36	24	34	23	96	90	102	89	94	78	87	0	0	0	0	0	0	0
Health Sciences	3	3	2	7	3	15	13	5	11	23	24	28	48	44	0	0	0	0	0	0	0
Human Environmental Sciences	4	1	0	1	2	1	1	10	8	12	7	11	6	8	0	0	0	0	0	0	0
Medicine	67	38	46	48	50	64	38	55	51	77	75	80	83	70	0	0	0	0	0	0	0
Nursing	5	22	7	7	11	9	9	8	22	10	12	11	24	14	0	0	0	0	0	0	0
Pharmacy	4	15	17	11	16	45	6	32	35	24	48	26	55	21	0	0	0	0	0	0	0
Social Work	0	2	2	0	7	18	7	0	5	17	7	14	15	17	0	0	0	0	0	0	0
<b>TOTALS</b>	<b>470</b>	<b>479</b>	<b>476</b>	<b>493</b>	<b>503</b>	<b>580</b>	<b>527</b>	<b>832</b>	<b>930</b>	<b>1113</b>	<b>1232</b>	<b>1172</b>	<b>1299</b>	<b>1160</b>	<b>3</b>	<b>14</b>	<b>10</b>	<b>11</b>	<b>4</b>	<b>9</b>	<b>6</b>

**GRADUATE STUDENT PRODUCTIVITY BY PROGRAM  
1997-2003**

**COLLEGE = AGRICULTURE**

PROGRAM	Publications							Presentations							Projects							
	1997	1998	1999	2000	2001	2002	2003	1997	1998	1999	2000	2001	2002	2003	1997	1998	1999	2000	2001	2002	2003	
Agricultural Economics	2	2	1	1	3	4	1	6	10	3	12	13	23	8	0	0	0	0	0	0	0	0
Agronomy	15	20	(c)	(c)	(c)	(c)	(c)	40	44	(c)	(c)	(c)	(c)	(c)	0	0	(c)	(c)	(c)	(c)	(c)	(c)
Animal Sciences	22	22	25	34	18	27	28	47	43	61	59	51	40	35	0	0	0	0	0	0	0	0
Biosystems & Agricultural Engineering	(a)	(a)	(a)	(a)	(a)	3	10	(a)	(a)	(a)	(a)	(a)	8	26	(a)	(a)	(a)	(a)	(a)	0	0	0
Crop Science	(b)	(b)	5	7	4	2	5	(b)	(b)	11	9	11	12	8	(b)	(b)	0	0	0	0	0	0
Entomology	19	8	12	18	19	21	24	28	21	42	27	25	49	45	0	0	0	0	0	0	0	0
Forestry	2	1	5	1	0	7	3	7	9	5	5	4	16	5	0	0	0	0	0	0	0	0
Horticulture	4	9	(c)	(c)	(c)	(c)	(c)	13	12	(c)	(c)	(c)	(c)	(c)	0	0	(c)	(c)	(c)	(c)	(c)	(c)
Plant & Soil Science	(b)	(b)	2	3	0	0	13	(b)	(b)	17	22	14	13	10	(b)	(b)	0	0	0	0	0	0
Plant Pathology	9	2	3	2	7	6	7	2	9	8	8	8	23	15	0	0	0	0	0	0	0	0
Plant Physiology	0	4	4	6	7	5	8	10	6	13	7	15	15	10	0	0	0	0	0	0	0	0
Soil Science	(b)	(b)	8	4	6	11	4	(b)	(b)	18	31	22	17	10	(b)	(b)	0	0	0	0	0	0
Veterinary Science	9	9	10	14	18	8	9	18	14	23	21	13	14	20	0	0	0	0	0	0	0	0

(a) - see College of Engineering, Biosystems & Agricultural Engineering

(b) - see Agronomy, Horticulture

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

**COLLEGE = ARCHITECTURE**

PROGRAM	Publications							Presentations							Projects							
	1997	1998	1999	2000	2001	2002	2003	1997	1998	1999	2000	2001	2002	2003	1997	1998	1999	2000	2001	2002	2003	
Historic Preservation	0	0	0	0	0	0	0	0	0	2	4	0	8	2	0	0	1	0	0	0	0	0

**GRADUATE STUDENT PRODUCTIVITY BY PROGRAM  
1997-2003**

**COLLEGE = ARTS and SCIENCES**

PROGRAM	<i>Publications</i>							<i>Presentations</i>							<i>Projects</i>						
	1997	1998	1999	2000	2001	2002	2003	1997	1998	1999	2000	2001	2002	2003	1997	1998	1999	2000	2001	2002	2003
Anthropology	1	6	6	2	4	4	9	24	25	21	9	36	30	25	0	0	0	0	0	0	0
Biology	24	25	24	16	6	17	17	37	41	36	42	39	58	43	0	0	0	0	0	0	0
Chemistry	53	39	51	52	58	77	51	28	15	37	89	66	61	65	0	0	0	0	0	0	0
Classical Languages & Literatures	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
English	7	10	3	1	16	6	3	26	35	7	17	26	19	6	0	0	0	0	0	0	0
French	0	0	0	0	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
Geography	7	5	9	10	13	8	7	18	39	51	45	37	50	18	0	0	0	0	0	0	0
Geology	3	2	1	11	3	5	4	15	19	9	8	18	21	29	0	0	0	0	0	0	0
German	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Hispanic Studies	4	5	6	0	1	0	5	8	8	16	9	10	6	9	0	0	0	0	0	0	0
History	14	6	1	1	4	8	5	9	10	9	4	9	10	25	0	0	0	0	0	0	0
Mathematics	1	1	3	4	7	4	3	10	14	6	11	8	5	9	0	0	0	0	0	0	0
Philosophy	0	1	3	4	9	9	3	3	7	11	23	18	3	10	0	0	0	0	0	0	0
Physics & Astronomy	19	20	11	16	10	12	10	16	18	18	14	28	19	13	0	0	0	0	0	0	0
Political Science	9	2	5	1	0	4	1	20	26	11	22	13	8	5	0	0	0	0	0	0	0
Psychology	36	29	33	36	46	41	64	40	40	52	80	69	86	83	0	0	0	0	0	0	0
Sociology	2	1	6	0	2	0	2	21	36	39	23	21	9	19	0	0	0	0	0	0	0
Statistics	1	3	1	4	1	10	5	1	3	3	4	8	11	8	0	0	0	0	0	0	0

**GRADUATE STUDENT PRODUCTIVITY BY PROGRAM  
1997-2003**

**COLLEGE = BUSINESS and ECONOMICS**

PROGRAM	Publications							Presentations							Projects							
	1997	1998	1999	2000	2001	2002	2003	1997	1998	1999	2000	2001	2002	2003	1997	1998	1999	2000	2001	2002	2003	
Accounting	1	2	0	0	0	0	1	2	1	0	0	0	0	3	0	0	0	0	0	0	0	0
Business Administration	4	12	17	11	17	11	17	19	12	7	25	35	17	21	0	0	0	0	0	0	0	0
Economics	0	0	4	2	0	4	7	12	12	15	17	11	13	9	0	0	0	0	0	0	0	0

**COLLEGE = COMMUNICATIONS and INFORMATION STUDIES**

PROGRAM	Publications							Presentations							Projects						
	1997	1998	1999	2000	2001	2002	2003	1997	1998	1999	2000	2001	2002	2003	1997	1998	1999	2000	2001	2002	2003
Communication	1	1	0	3	3	NR	1	7	7	19	34	15	NR	12	0	0	0	0	0	NR	0
Library Science	0	0	1	1	1	0	1	0	2	4	3	0	0	12	0	0	0	0	0	0	0

*NR = not reported*

**COLLEGE = DENTISTRY**

PROGRAM	Publications							Presentations							Projects							
	1997	1998	1999	2000	2001	2002	2003	1997	1998	1999	2000	2001	2002	2003	1997	1998	1999	2000	2001	2002	2003	
Dentistry	2	0	3	1	1	3	2	1	3	7	11	5	13	6	0	0	0	0	0	0	0	0

**GRADUATE STUDENT PRODUCTIVITY BY PROGRAM  
1997-2003**

**COLLEGE = EDUCATION**

PROGRAM	Publications							Presentations							Projects							
	1997	1998	1999	2000	2001	2002	2003	1997	1998	1999	2000	2001	2002	2003	1997	1998	1999	2000	2001	2002	2003	
Administration & Supervision	1	3	0	0	0	2	1	2	7	7	10	1	4	1	0	0	0	0	0	0	0	0
Curriculum & Instruction	1	0	1	1	3	1	NR	5	3	7	4	6	9	NR	0	0	0	0	0	0	0	NR
Educational Policy Studies & Evaluation	1	4	4	2	0	1	2	7	11	12	2	14	5	3	0	0	0	0	0	0	0	0
Educational & Counseling Psychology	2	3	3	6	8	6	6	18	10	28	39	4	10	23	0	0	0	0	0	0	0	0
Kinesiology & Health Promotion	2	4	3	1	1	4	5	1	6	12	13	18	32	30	0	0	0	0	0	0	0	0
Special Education & Rehab. Counsel.	7	18	12	12	7	12	9	NR	NR	27	31	49	45	37	0	0	0	0	0	0	0	0
Vocational Education	0	1	0	0	0	0	0	0	0	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	2002	2003	1997	1998	1999	2000	2001	2002	2003	1997	1998	1999	2000	2001	2002	2003	
Biosystems & Agricultural Engineering	3	1	6	2	0	(d)	(d)	15	19	20	7	11	(d)	(d)	0	0	0	0	0	(d)	(d)	(d)
Chemical Engineering	14	25	16	11	16	14	22	8	20	44	39	26	21	41	0	0	0	0	0	0	0	0
Civil Engineering	6	14	5	7	6	6	8	10	12	7	11	1	23	31	0	0	0	0	0	0	0	0
Computer Science	0	2	5	8	5	8	16	6	4	11	14	25	44	52	0	0	0	0	0	0	0	0
Electrical Engineering	19	6	13	32	32	5	NR	25	34	30	21	33	11	NR	0	0	0	0	0	0	0	NR
Manufacturing Systems Engineering	0	0	0	3	1	1	0	1	0	0	1	4	1	0	0	0	0	0	0	0	0	0
Materials Science & Engineering	7	9	25	16	20	7	17	19	16	26	10	4	13	8	0	0	0	0	0	0	0	0
Mechanical Engineering	10	8	7	14	4	6	9	10	12	22	62	54	87	33	0	0	0	0	0	0	0	0
Mining Engineering	6	3	0	1	3	3	5	2	6	5	4	9	7	11	0	0	0	0	0	0	0	0

*NR = not reported*

*\*(d) - Biosystems & Agricultural Engineering data reported with College of Agriculture beginning 2002*

**GRADUATE STUDENT PRODUCTIVITY BY PROGRAM  
1997-2003**

**COLLEGE = FINE ARTS**

PROGRAM	Publications							Presentations							Projects						
	1997	1998	1999	2000	2001	2002	2003	1997	1998	1999	2000	2001	2002	2003	1997	1998	1999	2000	2001	2002	2003
Art - Education, History, & Studio	0	1	0	1	0	0	0	0	0	1	2	0	0	3	1	11	2	2	2	3	1
Music	6	3	0	0	NR	NR	0	9	6	8	4	NR	NR	2	2	3	7	3	NR	NR	1
Theatre	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	2	6	4

*NR = not reported*

**COLLEGE = GRADUATE SCHOOL**

PROGRAM	Publications							Presentations							Projects						
	1997	1998	1999	2000	2001	2002	2003	1997	1998	1999	2000	2001	2002	2003	1997	1998	1999	2000	2001	2002	2003
Biomedical Engineering	7	7	13	9	6	9	3	33	41	24	21	24	23	28	0	0	0	0	0	0	0
Diplomacy & International Commerce	0	0	0	0	1	0	0	1	0	3	4	2	0	0	0	0	0	0	0	0	0
Gerontology	0	8	5	1	5	5	6	2	7	22	12	27	14	34	0	0	0	0	0	0	0
Nutritional Sciences	16	11	10	6	5	5	NR	19	17	17	6	19	10	NR	0	0	0	0	0	0	NR
Public & Health Administration	1	6	3	3	0	2	4	12	5	10	12	5	7	8	0	0	0	0	0	0	0
Toxicology	7	14	8	17	7	13	10	29	20	26	34	17	24	17	0	0	0	0	0	0	0

*NR = not reported*

**COLLEGE = HEALTH SCIENCES**

PROGRAM	Publications							Presentations							Projects						
	1997	1998	1999	2000	2001	2002	2003	1997	1998	1999	2000	2001	2002	2003	1997	1998	1999	2000	2001	2002	2003
Clinical Sciences	(e)	(e)	(e)	(e)	0	8	3	(e)	(e)	(e)	(e)	7	7	9	(e)	(e)	(e)	(e)	0	0	0
Communication Disorders	0	0	1	0	0	0	1	2	4	7	11	5	7	10	0	0	0	0	0	0	0
Physical Therapy	1	2	1	3	0	0	0	1	2	8	6	6	10	1	0	0	0	0	0	0	0
Physician Assist. Studies	(f)	(f)	(f)	(f)	1	1	NR	(f)	(f)	(f)	(f)	2	0	NR	(f)	(f)	(f)	(f)	0	0	NR
Radiation Science	2	1	0	4	1	5	2	2	5	8	7	4	5	4	0	0	0	0	0	0	0
Rehabilitation Sciences	(g)	(g)	(g)	(g)	1	1	7	(g)	(g)	(g)	(g)	4	19	20	(g)	(g)	(g)	(g)	0	0	0

(e) - Clinical Sciences Program established Spring, 2001

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

(g) - Rehabilitation Sciences Program established Fall, 2000

*NR = not reported*

**GRADUATE STUDENT PRODUCTIVITY BY PROGRAM  
1997-2003**

**COLLEGE = HUMAN ENVIRONMENTAL SCIENCES**

PROGRAM	Publications							Presentations							Projects							
	1997	1998	1999	2000	2001	2002	2003	1997	1998	1999	2000	2001	2002	2003	1997	1998	1999	2000	2001	2002	2003	
Family Studies	1	0	0	1	2	1	1	5	4	7	1	7	5	8	0	0	0	0	0	0	0	0
Hospitality and Dietetics Administration	3	1	0	0	0	0	0	1	2	2	0	4	0	0	0	0	0	0	0	0	0	0
Interior Design, Merchandising & Textiles	0	0	0	0	0	0	0	4	2	3	6	0	1	0	0	0	0	0	0	0	0	0

**COLLEGE = MEDICINE**

PROGRAM	Publications							Presentations							Projects							
	1997	1998	1999	2000	2001	2002	2003	1997	1998	1999	2000	2001	2002	2003	1997	1998	1999	2000	2001	2002	2003	
Anatomy & Neurobiology	28	6	15	4	11	18	0	14	7	20	8	18	18	2	0	0	0	0	0	0	0	0
Behavioral Science	(h)	(h)	(h)	(h)	10	22	17	(h)	(h)	(h)	(h)	39	20	34	(h)	(h)	(h)	(h)	0	0	0	0
Integrated Biomedical Sciences	(i)	(i)	(i)	(i)	(i)	1	6	(i)	(i)	(i)	(i)	(i)	0	1	(i)	(i)	(i)	(i)	(i)	0	0	0
Medical Sciences	(j)	(j)	(j)	(j)	2	0	0	(j)	(j)	(j)	(j)	1	0	0	(j)	(j)	(j)	(j)	0	0	0	0
Microbiology	14	10	4	11	10	10	6	15	17	17	14	17	18	13	0	0	0	0	0	0	0	0
Molecular & Biomedical Pharmacology	7	6	3	6	6	15	9	8	8	17	19	16	16	13	0	0	0	0	0	0	0	0
Molecular & Cellular Biochemistry	5	5	9	18	11	13	0	5	3	4	14	2	14	0	0	0	0	0	0	0	0	0
Physiology	11	10	15	9	10	6	0	12	16	19	18	24	10	7	0	0	0	0	0	0	0	0
Public Health	2	1	0	0	0	1	NR	1	0	0	2	2	7	NR	0	0	0	0	0	0	0	NR

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

(i) - Integrated Biomedical Sciences established Spring, 2001

(j) - Medical Sciences program established Spring, 2000

*NR = not reported*

**GRADUATE STUDENT PRODUCTIVITY BY PROGRAM  
1997-2003**

**COLLEGE = NURSING**

PROGRAM	<i>Publications</i>							<i>Presentations</i>							<i>Projects</i>						
	1997	1998	1999	2000	2001	2002	2003	1997	1998	1999	2000	2001	2002	2003	1997	1998	1999	2000	2001	2002	2003
Nursing	5	22	7	7	11	9	9	8	22	10	12	11	24	14	0	0	0	0	0	0	0

**COLLEGE = PHARMACY**

PROGRAM	<i>Publications</i>							<i>Presentations</i>							<i>Projects</i>						
	1997	1998	1999	2000	2001	2002	2003	1997	1998	1999	2000	2001	2002	2003	1997	1998	1999	2000	2001	2002	2003
Pharmaceutical Sciences	4	15	17	11	16	45	6	32	35	24	48	26	55	21	0	0	0	0	0	0	0

**COLLEGE = SOCIAL WORK**

PROGRAM	<i>Publications</i>							<i>Presentations</i>							<i>Projects</i>						
	1997	1998	1999	2000	2001	2002	2003	1997	1998	1999	2000	2001	2002	2003	1997	1998	1999	2000	2001	2002	2003
Social Work	0	2	2	0	7	18	7	0	5	17	7	14	15	17	0	0	0	0	0	0	0