

GRADUATE STUDENT PRODUCTIVITY REPORT

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

1997-2002

May 2003

**GRADUATE STUDENT
PRODUCTIVITY REPORT
1997-2002**

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 1997-2002. 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 and 2003. 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 2002 was 1,888: 580 publications, 1299 presentations, and 9 projects. The 2002 total represents a 45% increase over the baseline, including a 23% increase in publications and a 56% 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

May 2003

GRADUATE STUDENT PRODUCTIVITY BY PROGRAM
TOP TEN GRADUATE PROGRAMS RANKED BY TOTAL REPORTED PUBLICATIONS 1997-2002

PROGRAM	<i>Publications</i>						<i>Presentations</i>						<i>Total Publications</i>
	1997	1998	1999	2000	2001	2002	1997	1998	1999	2000	2001	2002	
Chemistry	53	39	51	52	58	77	28	15	37	89	66	61	330
Psychology	36	29	33	36	46	41	40	40	52	80	69	86	221
Animal Sciences	22	22	25	34	18	27	47	43	61	59	51	40	148
Biology	24	25	24	16	6	17	37	41	36	42	39	58	112
Pharmaceutical Sciences	4	15	17	11	16	45	32	35	24	48	26	55	108
Electrical Engineering	19	6	13	32	32	5	25	34	30	21	33	11	107
Entomology	19	8	12	18	19	21	28	21	42	27	25	49	97
Chemical Engineering	14	25	16	11	16	14	8	20	44	39	26	21	96
Physics & Astronomy	19	20	11	16	10	12	16	18	18	14	28	19	88
Materials Science & Engineering	7	9	25	16	20	7	19	16	26	10	4	13	84

**GRADUATE STUDENT PRODUCTIVITY BY PROGRAM
TOP TEN GRADUATE PROGRAMS RANKED BY TOTAL REPORTED PRESENTATIONS 1997-2002**

PROGRAM	Publications						Presentations						Total Presentations
	1997	1998	1999	2000	2001	2002	1997	1998	1999	2000	2001	2002	
Psychology	36	29	33	36	46	41	40	40	52	80	69	86	367
Animal Sciences	22	22	25	34	18	27	47	43	61	59	51	40	301
Chemistry	53	39	51	52	58	77	28	15	37	89	66	61	296
Biology	24	25	24	16	6	17	37	41	36	42	39	58	253
Mechanical Engineering	10	8	7	14	4	6	10	12	22	62	54	87	247
Geography	7	5	9	10	13	8	18	39	51	45	37	50	240
Pharmaceutical Sciences	4	15	17	11	16	45	32	35	24	48	26	55	220
Entomology	19	8	12	18	19	21	28	21	42	27	25	49	192
Biomedical Engineering	7	7	13	9	6	9	33	41	24	21	24	23	166
Chemical Engineering	14	25	16	11	16	14	8	20	44	39	26	21	158

**GRADUATE STUDENT PRODUCTIVITY BY COLLEGE
1997-2002**

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

**GRADUATE STUDENT PRODUCTIVITY BY PROGRAM
1997-2002**

COLLEGE = AGRICULTURE

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

**GRADUATE STUDENT PRODUCTIVITY BY PROGRAM
1997-2002**

COLLEGE = ARTS and SCIENCES

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

**GRADUATE STUDENT PRODUCTIVITY BY PROGRAM
1997-2002**

COLLEGE = BUSINESS and ECONOMICS

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

COLLEGE = COMMUNICATIONS and INFORMATION STUDIES

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

NR = not reported

COLLEGE = DENTISTRY

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

**GRADUATE STUDENT PRODUCTIVITY BY PROGRAM
1997-2002**

COLLEGE = EDUCATION

PROGRAM	Publications						Presentations						Projects					
	1997	1998	1999	2000	2001	2002	1997	1998	1999	2000	2001	2002	1997	1998	1999	2000	2001	2002
Administration & Supervision	1	3	0	0	0	2	2	7	7	10	1	4	0	0	0	0	0	0
Curriculum & Instruction	1	0	1	1	3	1	5	3	7	4	6	9	0	0	0	0	0	0
Educational Policy Studies & Evaluation	1	4	4	2	0	1	7	11	12	2	14	5	0	0	0	0	0	0
Educational & Counseling Psychology	2	3	3	6	8	6	18	10	28	39	4	10	0	0	0	0	0	0
Kinesiology & Health Promotion	2	4	3	1	1	4	1	6	12	13	18	32	0	0	0	0	0	0
Special Education & Rehab. Counsel.	7	18	12	12	7	12	NR	NR	27	31	49	45	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

NR = not reported

COLLEGE = ENGINEERING

PROGRAM	Publications						Presentations						Projects					
	1997	1998	1999	2000	2001	2002	1997	1998	1999	2000	2001	2002	1997	1998	1999	2000	2001	2002
Biosystems & Agricultural Engineering	3	1	6	2	0	(d)	15	19	20	7	11	(d)	0	0	0	0	0	(d)
Chemical Engineering	14	25	16	11	16	14	8	20	44	39	26	21	0	0	0	0	0	0
Civil Engineering	6	14	5	7	6	6	10	12	7	11	1	23	0	0	0	0	0	0
Computer Science	0	2	5	8	5	8	6	4	11	14	25	44	0	0	0	0	0	0
Electrical Engineering	19	6	13	32	32	5	25	34	30	21	33	11	0	0	0	0	0	0
Manufacturing Systems Engineering	0	0	0	3	1	1	1	0	0	1	4	1	0	0	0	0	0	0
Materials Science & Engineering	7	9	25	16	20	7	19	16	26	10	4	13	0	0	0	0	0	0
Mechanical Engineering	10	8	7	14	4	6	10	12	22	62	54	87	0	0	0	0	0	0
Mining Engineering	6	3	0	1	3	3	2	6	5	4	9	7	0	0	0	0	0	0

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

**GRADUATE STUDENT PRODUCTIVITY BY PROGRAM
1997-2002**

COLLEGE = FINE ARTS

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

NR = not reported

COLLEGE = GRADUATE SCHOOL

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

COLLEGE = HEALTH SCIENCES

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

(e) - Clinical Sciences Program established Spring, 2001

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

(g) - Rehabilitation Sciences Program established Fall, 2000

**GRADUATE STUDENT PRODUCTIVITY BY PROGRAM
1997-2002**

COLLEGE = HUMAN ENVIRONMENTAL SCIENCES

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

COLLEGE = MEDICINE

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

(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

**GRADUATE STUDENT PRODUCTIVITY BY PROGRAM
1997-2002**

COLLEGE = NURSING

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

COLLEGE = PHARMACY

PROGRAM	<i>Publications</i>						<i>Presentations</i>						<i>Projects</i>					
	1997	1998	1999	2000	2001	2002	1997	1998	1999	2000	2001	2002	1997	1998	1999	2000	2001	2002
Pharmaceutical Sciences	4	15	17	11	16	45	32	35	24	48	26	55	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	1997	1998	1999	2000	2001	2002	1997	1998	1999	2000	2001	2002
Social Work	0	2	2	0	7	18	0	5	17	7	14	15	0	0	0	0	0	0