

GRADUATE STUDENT PRODUCTIVITY REPORT

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

1997-2000

March 2001

**GRADUATE STUDENT
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The University of Kentucky
Graduate School

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INTRODUCTION:

The Graduate School is pleased to present its Graduate Student Productivity Report for calendar years 1997-2000. 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, and February 2001. 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. Since that time, there has been a steady increase, with the 2000 calendar year total of 1,736 items corresponding to an increase of 33% over the baseline. This reflects a 4.9% increase in publications and a 48% increase in presentations at professional meetings over the period 1997-2000.

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. If you have any questions concerning the content of this report, please feel free to contact Dr. Douglass Kalika, Associate Dean of the Graduate School.

Michael T. Nietzel, Dean
The Graduate School

March 2000

**GRADUATE STUDENT PRODUCTIVITY BY COLLEGE
1997-2000**

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

**GRADUATE STUDENT PRODUCTIVITY BY PROGRAM
1997-2000**

COLLEGE = AGRICULTURE

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

(a) - see Agronomy, Horticulture

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

**GRADUATE STUDENT PRODUCTIVITY BY PROGRAM
1997-2000**

COLLEGE = ALLIED HEALTH

PROGRAM	<i>Publications</i>				<i>Presentations</i>				<i>Projects</i>			
	1997	1998	1999	2000	1997	1998	1999	2000	1997	1998	1999	2000
Communication Disorders	0	0	1	0	2	4	7	11	0	0	0	0
Physical Therapy	1	2	1	3	1	2	8	6	0	0	0	0
Radiation Science	2	1	0	4	2	5	8	7	0	0	0	0

COLLEGE = ARCHITECTURE

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

**GRADUATE STUDENT PRODUCTIVITY BY PROGRAM
1997-2000**

COLLEGE = ARTS and SCIENCES

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

**GRADUATE STUDENT PRODUCTIVITY BY PROGRAM
1997-2000**

COLLEGE = BUSINESS and ECONOMICS

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

COLLEGE = COMMUNICATIONS and INFORMATION STUDIES

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

COLLEGE = DENTISTRY

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

**GRADUATE STUDENT PRODUCTIVITY BY PROGRAM
1997-2000**

COLLEGE = EDUCATION

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

NR = not reported

COLLEGE = ENGINEERING

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

**GRADUATE STUDENT PRODUCTIVITY BY PROGRAM
1997-2000**

COLLEGE = FINE ARTS

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

COLLEGE = GRADUATE SCHOOL

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

**GRADUATE STUDENT PRODUCTIVITY BY PROGRAM
1997-2000**

COLLEGE = HUMAN ENVIRONMENTAL SCIENCES

PROGRAM	<i>Publications</i>				<i>Presentations</i>				<i>Projects</i>			
	1997	1998	1999	2000	1997	1998	1999	2000	1997	1998	1999	2000
Family Studies	1	0	0	1	5	4	7	1	0	0	0	0
Interior Design, Merchandising & Textiles	0	0	0	0	4	2	3	6	0	0	0	0
Nutrition and Food Science	3	1	0	0	1	2	2	0	0	0	0	0

COLLEGE = MEDICINE

PROGRAM	<i>Publications</i>				<i>Presentations</i>				<i>Projects</i>			
	1997	1998	1999	2000	1997	1998	1999	2000	1997	1998	1999	2000
Anatomy & Neurobiology	28	6	15	4	14	7	20	8	0	0	0	0
Biochemistry	5	5	9	18	5	3	4	14	0	0	0	0
Microbiology	14	10	4	11	15	17	17	14	0	0	0	0
Pharmacology	7	6	3	6	8	8	17	19	0	0	0	0
Physiology	11	10	15	9	12	16	19	18	0	0	0	0
Public Health	2	1	0	0	1	0	0	2	0	0	0	0

**GRADUATE STUDENT PRODUCTIVITY BY PROGRAM
1997-2000**

COLLEGE = NURSING

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

COLLEGE = PHARMACY

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

COLLEGE = SOCIAL WORK

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

**GRADUATE STUDENT PRODUCTIVITY BY PROGRAM
TOP TEN GRADUATE PROGRAMS RANKED BY TOTAL REPORTED PUBLICATIONS 1997-2000**

PROGRAM	<i>Publications</i>				<i>Presentations</i>				<i>Total Publications</i>
	1997	1998	1999	2000	1997	1998	1999	2000	
Chemistry	53	39	51	52	28	15	37	89	195
Psychology	36	29	33	36	40	40	52	80	134
Animal Sciences	22	22	25	34	47	43	61	59	103
Biology	24	25	24	16	37	41	36	42	89
Electrical Engineering	19	6	13	32	25	34	30	21	70
Physics & Astronomy	19	20	11	16	16	18	18	14	66
Chemical Engineering	14	25	16	11	8	20	44	39	66
Entomology	19	8	12	18	28	21	42	27	57
Materials Science & Engineering	7	9	25	16	19	16	26	10	57
Anatomy & Neurobiology	28	6	15	4	14	7	20	8	53

GRADUATE STUDENT PRODUCTIVITY BY PROGRAM
TOP TEN GRADUATE PROGRAMS RANKED BY TOTAL REPORTED PRESENTATIONS 1997-2000

PROGRAM	<i>Publications</i>				<i>Presentations</i>				<i>Total Presentations</i>
	1997	1998	1999	2000	1997	1998	1999	2000	
Psychology	36	29	33	36	40	40	52	80	212
Animal Sciences	22	22	25	34	47	43	61	59	210
Chemistry	53	39	51	52	28	15	37	89	169
Biology	24	25	24	16	37	41	36	42	156
Geography	7	5	9	10	18	39	51	45	153
Pharmaceutical Sciences	4	15	17	11	32	35	24	48	139
Biomedical Engineering	7	7	13	9	33	41	24	21	119
Sociology	2	1	6	0	21	36	39	23	119
Entomology	19	8	12	18	28	21	42	27	118
Chemical Engineering	14	25	16	11	8	20	44	39	111