

College of Education

Admitted-to-Candidacy Doctoral Survey 2006-2007

The main purpose of the Admitted-to-Candidacy Doctoral Survey is to gather information about students' perspectives in order to identify the strengths and areas for improvement in the College of Education and to provide feedback to faculty and administration for possible revisions in the areas of specialization.

The survey was implemented during the Spring 2007 semester. The current College of Education graduate doctoral candidates (those who had completed successfully the preliminary examination) were notified of the online survey by e-mail. The students were told that all information would be treated as confidential and all questions were optional. This e-mail request was sent in March 2007 and a reminder later in the semester to 96 graduate doctoral candidates. At the beginning of the following months, a link to the survey was sent via e-mail to each doctoral student who had advanced to candidacy the month before. Nineteen doctoral candidates were notified in April, May, and June for a total of 115 individuals to receive the survey for the 2006-2007 academic year. As of June 30, 2007, 53 doctoral students completed the survey for a return rate of 46.09 percent.

Findings from the survey include:

- Seventy-seven percent of students answering the survey have been in the program four or more years; however, 59.18 percent indicated they were part time or a mix of part time and full time.
- Approximately 44 percent of the doctoral students completing the survey received their master's degrees from Purdue University, West Lafayette.
- Thirty-two of 53 respondents (60.38 percent) indicated personal/family funds as one of three primary sources of financial support.
- Under the *Professional Development* section, the majority of graduate students completing the survey believed they had received instruction, practice, and/or professional development training in 10 of 11 research and scholarship skills. The other area--training in writing proposals for funding--was low, however, with only 38.78 percent indicating "yes."
- Of those responding who had obtained teaching experience in their doctoral programs, the majority had not received formal instruction in teaching (61.29 percent) or formal instruction in multiculturalism (53.33 percent). Over 40 percent had not received formal supervision and evaluation regarding their teaching.

- With regard to the survey question—“Does your program provide a comprehensive, annual, written assessment of your progress?”—only 30 percent answered “yes.”
- Under the category of *Program Environment*, the majority of students indicated “Excellent” or “Good” for various aspects of the programs; however, 24.49 percent rated the quality of research experience as “Fair” and 18.37 percent rated the curriculum of the Ph.D. program as “Fair.”

In rating the social/emotional climate of the individual’s Ph.D. program, 34.69 percent indicated Fair or Poor. This could be reflected by the range of ages of the doctoral students from 27 to 66 years of age and the fact that many of the graduate students are part time. Also, in the Infrastructure category of the survey, 43.48 percent of students said their own programs do not provide adequate space for interaction among students.

- Fifty doctoral students indicated a total of 266 presentations at the local, state, and national levels and a total of 77 publications.

College of Education

Survey of Admitted-to-Candidacy Doctoral Students

Educational Program (Part 1)

Department:

Total Respondents - 50

EDCI -- (26), 52.00%

EDST -- (24), 48.00%

Specialization/Program Area:

Total Respondents – 50

Curriculum & Instruction:

Agricultural and Extension Education -- (2), 4.00%

Art Education -- (1), 2.00%

Biology Education -- (1), 2.00%

Career and Technical Education -- (1), 2.00%

Chemistry Education -- (0), 0.00%

Consumer and Family Sciences and Extension Education -- (0), 0.00%

Curriculum Studies -- (1), 2.00%

Earth Space Science Education -- (0), 0.00%

Educational Technology -- (8), 16.00%

Elementary Education -- (0), 0.00%

English Education -- (0), 0.00%

Foreign Language Education -- (1), 2.00%

Geoenvironmental Science Education -- (1), 2.00%

Instructional Development -- (0), 0.00%

Literacy & Language Education -- (3), 6.00%

Mathematics Education -- (4), 8.00%

Physics Education -- (0), 0.00%

Science Education -- (1), 2.00%

Social Studies Education -- (0), 0.00%

Vocational/Industrial Education -- (0), 0.00%

Educational Studies:

Counseling Psychology -- (6), 12.00%

Educational Foundations -- (0), 0.00%

Educational Leadership -- (4), 8.00%

Educational Psychology -- (2), 4.00%

Gifted Education -- (4), 8.00%

Higher Education -- (8), 16.00%

Special Education -- (2), 4.00%

A. Year of enrollment in this doctoral program:

Total Respondents - 53

1991 -- 1

1996 -- 1

1997 -- 5

1998 -- 5

1999 -- 2

2000 -- 4

2001 -- 2

2002 -- 8

2003 -- 13

2004 -- 8

2005 -- 3

No response -- 1

B. Year you expect to receive your doctorate:

Total Respondents - 53

2007 -- 36

2008 -- 11

2009 -- 4

2010 -- 2

C. Did you (or will you) receive a master's degree before this doctorate?

Total Respondents -- 53

Yes -- (52), 98.11%

No -- (1), 1.89%

If yes, list the institution from which you have received (or will receive) your master's degree:

Total Respondents -- 51 (one person holds two master's degrees)

Purdue University -- 23 (44.24%)

Other Universities -- 29 (55.76%)

Arizona State University -- 2

Brigham Young University -- 1

Cincinnati Christian University -- 1

Indiana State University -- 1

Indiana University -- 4

Miami University, Oxford, Ohio -- 1

Obafemi Awolowo University, Nigeria -- 1

Oklahoma State University -- 1

Purdue University -- 23

Purdue University, Calumet -- 1

Santa Clara University -- 1

St. Francis College (University), Ft. Wayne -- 2

University of Alabama -- 1

University of Colorado -- 2

University of Connecticut -- 2

University of Georgia -- 1

University of Memphis (then Memphis State University) -- 1

University of Missouri Columbia -- 1

University of Pittsburgh -- 1

Western Kentucky University -- 1

Western Michigan University -- 3

If yes, did you (or will you) write a master's thesis?

Total Respondents -- 51

Yes -- (15), 29.41%

No -- (36), 70.59%

D. Did you have a teaching license prior to entering your Ph.D. program?

Total Respondents -- 52

Yes -- (23), 44.23%

No -- (29), 55.77%

If yes, list the license held:

Total Respondents – 22

Art (Secondary)
Biological Sciences, Physical Science, Botany, Genetics,
Cell Biology, Zoology, Physiology
Early and Elementary Education (K-9)
Elementary Education
Elementary Education
Elementary Education (K-6), Administrative
Elementary Education, Early Education Endorsement (PreK-2), Science Endorsement (6-8),
Math Endorsement (6-8)
English as a Foreign Language (Secondary)
Health (7-12), English (9-12)
Mathematics (Middle School), National Board Certification
Mathematics (Secondary)
Mathematics (Secondary)
Mathematics and educational administration
Science (Middle School) --2
Spanish and English (7-12)
Special education and administration
Special education
Special education (K-12) and administration
Other (Did not specify area) -- 3

During the course of your study for the Ph.D., will you also receive a teaching license?

Total Respondents – 50

Yes -- (0), 0.00%
No -- (50), 100.00%

If yes, list the license you expect to receive:

N/A

E. What were your career goals at the time you entered your Ph.D. program? [check all that apply]

Total Respondents – 52

U.S. Employment -- (24), 46.15%
Non-U.S. Employment -- (3), 5.77%

Business & Industry -- (3), 5.77%
Education Teacher/Counselor (P-12) -- (1), 1.92%
Educational Administration (P-12) -- (3), 5.77%
Higher Education – admin. service focus -- (15), 28.85%
Higher Education – research focus -- (25), 48.08%
Higher Education – teaching focus -- (32), 61.54%
Mental Health Services -- (3), 5.77%
Self-employment/Consulting -- (5), 9.62%
State or National Government -- (6), 11.54%
Other:
Purdue Cooperative Extension Service

F. What are your current career plans? [check all that apply]

Total Respondents: 50

U.S. Employment -- (23), 46.00%
Non-U.S. Employment -- (3), 6.00%

Business & Industry -- (5), 10.00%
Education Teacher/Counselor (P-12) -- (1), 2.00%
Educational Administration (P-12) -- (4), 8.00%
Higher Education – admin. service focus -- (16), 32.00%
Higher Education – research focus -- (26), 52.00%
Higher Education – teaching focus -- (32), 64.00%
Mental Health Services -- (5), 10.00%
Self-employment/Consulting -- (10), 20.00%
State or National Government -- (7), 14.00%
Other:
Basically any. I think I need counseling
Higher Education - focus undecided
Not-for-Profit Organization Management
Purdue Cooperative Extension Service

G. Of the following sources of financial support, which have been your primary sources during your doctoral studies? (Check the three that have provided the most funding)

Total Respondents: 53

Personal/family funds -- (32), 60.38%
Teaching Assistantship (TA) -- (21), 39.62%
Concurrent employment related to your degree -- (18), 33.96%
Research Assistantship (RA) -- (14), 26.42%
Fellowship/Scholarship -- (12), 22.64%
Loans -- (7), 13.21%
Concurrent employment unrelated to your degree -- (4), 7.55%
Training grant -- (0), 0.00%
Other:
Employer Tuition Reimbursement
Purdue tuition remission
Sabbatical Leave from School Corp. / ~1/2 regular compensation

Program Characteristics (Part 2)

Professional Development

1) During your doctoral program, have you received (or will you receive) instruction, practice, and/or professional development training in research and scholarship skills such as (check all that apply):

Option	Total Responses	Yes	No	Percentage of Yes Responses
oral communication and presentation skills	50	38	12	76.00%
preparing conference presentations/papers	50	31	19	62.00%
writing proposals for funding	49	19	30	38.78%
preparing articles for publication	48	32	16	66.67%
working in collaborative groups	48	39	9	81.25%
conducting independent research/scholarship	49	47	2	95.92%
writing a critical review of the literature	48	43	5	89.58%
collecting and analyzing quantitative data	50	41	9	82.00%
collecting and analyzing qualitative data	49	40	9	81.63%
research project management	49	32	17	65.31%
research/professional ethics	49	43	6	87.78%

2) In your doctoral program did you have an opportunity to obtain teaching experience? Check the type(s) of teaching experience you have had (check all that apply):

Total Respondents: 32

Grading papers for undergraduate or graduate courses -- (20), 62.50%

Leading recitation sections of undergraduate or graduate courses -- (11), 34.38%

Leading laboratory sections of undergraduate or graduate courses -- (11), 34.38%

Lecturing in undergraduate or graduate courses -- (18), 56.25%

Mentoring/tutoring an undergraduate student -- (10), 31.25%

Serving as the instructor for an undergraduate or graduate course -- (24), 75.00%

If you have had teaching experience in your doctoral program, please answer the following:

Option	Total Responses	Yes	No	Percentage Of Yes Responses
I received formal instruction in teaching.	31	12	19	38.71%
I received formal instruction in multiculturalism.	30	14	16	46.67%
I received formal supervision and evaluation.	31	18	13	58.06%

Check the type(s) of teaching experience you have had during your doctoral program (check all that apply):

Total Respondents: 9

Mentoring P-12 students -- (1), 11.11%

Teaching, counseling, or leading P-12 students -- (9), 100.00%

3) In your doctoral program did you have an opportunity to obtain engagement experience?

Total Respondents: 47

Yes -- (14), 29.79%

No -- (33), 70.21%

If you have had engagement experience in your doctoral program, please answer the following:

Total Respondents: 26

Option	Total Responses	Yes	No	Percentage Of Yes Responses
I received formal instruction in engagement.	26	3	23	11.54%
I received formal instruction in multiculturalism.	26	8	18	30.77%
I received formal supervision and evaluation.	26	8	18	30.77%

Check the type(s) of engagement experience you have had during your doctoral program (check all that apply):

Total Respondents: 16

Teaching a service learning course -- (1), 6.25%

Managing an engagement project -- (6), 37.50%

Speaking to nonacademic audiences -- (8), 50.00%

Providing professional development workshops -- (11), 68.75%

Providing consultations to educational or community groups -- (11), 68.75%

Program Environment

Option	Total Responses	Yes	No	Percentage of Yes Responses
1. Does your program provide a comprehensive, annual, written assessment of your progress?	47	14	33	29.79%
2. Do you receive timely, formative feedback on your work from your major advisor?	48	40	8	83.33%
3. Do you have one or more faculty members in the College of Education whom you consider to be your mentors (i.e., individuals from whom you seek advice about your education, career development, and other matters of concern to you as a graduate student)?	48	41	7	85.42%
4. Do you have one or more faculty members outside the College of Education whom you consider to be your mentors?	48	27	21	56.25%

Please indicate your opinion of the following:

Option	Total Responses	Excellent	Good	Fair	Poor
5. How would you rate the quality of graduate teaching by faculty in your area of specialization (i.e. program number from page 1)?	49 (100%)	25 (51.02%)	20 (40.82%)	2 (4.08%)	2 (4.08%)
6. How would you rate the overall quality of graduate instruction in your department (e.g., EDST, EDCI)?	48 (100%)	16 (33.34%)	31 (64.58%)	1 (2.08%)	0 (0.00%)
7. How would you rate the quality of your research experience?	49 (100%)	14 (28.57%)	21 (42.86%)	12 (24.49%)	2 (4.08%)
8. How would you rate the curriculum of your Ph.D. program?	49 (100%)	16 (32.65%)	23 (46.94%)	9 (18.37%)	1 (2.04%)
9. How would you rate the overall quality of your Ph.D. program?	49 (100%)	19 (38.78%)	22 (44.90%)	6 (12.24%)	2 (4.08%)
10. How would you rate the intellectual climate of your Ph.D. program?	48 (100%)	15 (31.25%)	22 (45.84%)	7 (14.58%)	4 (8.33%)
11. How would you rate the social/emotional climate of your Ph.D. program?	49 (100%)	11 (22.45%)	21 (42.86%)	9 (18.37%)	8 (16.32%)
12. If your Ph.D. program has practica or internships, rate the quality of those experiences:	19 (100%)	7 (36.84%)	9 (47.37%)	1 (5.26%)	2 (10.53%)

13. How much do you feel you have benefited from the overall intellectual climate at Purdue University?

Total Respondents: 49

- A lot -- (29), 59.18%
- Some -- (15), 30.61%
- A little -- (5), 10.20%
- Not at all -- (0), 0.00%

Infrastructure

1. Does your department give you access to:

Option	Total Responses	Yes	No	N/A	Percentage of Yes Responses
a. A designated, on-campus work space	49	19	17	13	38.78%
b. Computer facilities	49	29	10	10	51.02%

c. Other research facilities; if so, describe:

Office at a Purdue satellite campus
Psychometric lab with latest software
Purdue University Libraries

2. Does your program provide adequate space for interaction among students?

Total Respondents: 46

Yes -- (26), 56.52%

No -- (20), 43.48%

3. Are the library resources available to you adequate to support your research and education?

Total Respondents: 48

Yes -- (45), 93.75%

No -- (3), 6.25%

Scholarly productivity

1. How many presentations (including poster presentations) have you made at research conferences?

Total Respondents: 50

Option	Response(s)	Total
a. on your campus	21	54
b. at state or regional meetings	25	63
c. at national or international meetings	34	149
Total Presentations		266

2. How many publications have you authored or co-authored during your doctoral studies (include pieces accepted for publication but not yet published)?

Total Respondents: 50

Option	Response(s)	Total
a. Refereed articles	19	43
b. Nonrefereed articles	9	18
c. Book chapters	8	13
d. Reviews	1	1
e. Books or edited volumes	2	2
Total Publications		77

3. How many research projects have you participated in during your doctoral studies?

Total Respondents: 50

Option	Response(s)	Total
a. Faculty-initiated research projects	23	48
b. Student-initiated research projects	37	70

4. How many research projects do you have in progress at the present time, including your dissertation?

Total Respondents: 50

Option	Response(s)	Total
a. Faculty-initiated research projects	12	17
b. Student-initiated research projects	40	58

Background Information (Part 3)

A. Year of birth:

Total Respondents: 42

1941--1	1966-- 1
1947-- 1	1967-- 1
1948-- 2	1968-- 3
1951-- 1	1972-- 2
1952-- 2	1973-- 1
1954-- 2	1974-- 3
1955-- 1	1975-- 3
1956-- 2	1976-- 2
1957-- 1	1977-- 2
1958-- 1	1978-- 2
1959-- 1	1979-- 1
1964-- 3	1980-- 3

B. Gender:

Total Respondents: 48

Male -- (18), 37.50%

Female -- (30), 62.50%

C. Citizenship:

Total Respondents: 49

U.S. -- (40), 81.63%

International -- (9), 18.37%

D. Race/Ethnicity (if U.S. citizen):

Total Respondents: 45

American Indian or Alaskan Native -- (0), 0.00%

Asian or Pacific Islander -- (6), 13.33%

Black -- (3), 6.67%

White -- (34), 75.56%

Latino -- (0), 0.00%

Multiracial -- (2), 4.44%

E. Doctoral program status:

Total Respondents: 49

Part-time -- (23), 46.94%

Full-time -- (20), 40.82%

A mix—some part-time, some full-time -- (6), 12.24%

F. Dependent care responsibilities:

Total Respondents: 22

	Total Response(s)	Dependents		
		1	2	3
Number of children living with you age 6 or under	10	6	2	2
Over age 6	13	3	10	0

Do you have other dependents, such as adult relatives, living with you?

Yes -- (7), 15.22%

No -- (39), 84.78%

If yes, please provide number:

	Total Response(s)	Dependents	
		1	2
Other dependents	8	7	1

G. Marital Status:

Total Respondents: 48

Do you have a spouse or partner who lives with you?

Yes -- (41), 85.42%

No -- (7), 14.58%

H. Level of Parents' Education:

	Mother	Father
Some High School	4	3
High School Diploma	18	10
Some college, no degree	11	10
Associate's Degree	5	0
Bachelor's Degree	8	16
Master's Degree	5	5
Professional-MD, Ed.D	2	3
Doctorate	0	3