



SED

Survey of Earned Doctorates

July 1, 2007 to June 30, 2008

Conducted by

NORC

A national organization for research
at the University of Chicago

for



Please complete:

| | | | |
|--|-------------|----------------|-------------------------------|
| First Name | Middle Name | Last Name | Suffix (e.g., Jr.) |
| Cross Reference: Birth name or former name legally changed | | | |
| Name of Doctoral Institution | | City or Branch | |
| Type of Research Doctoral Degree (e.g., Ph.D, Ed.D, etc.) | | | Date Degree Granted (mm/yyyy) |

This information is solicited under the authority of the National Science Foundation Act of 1950, as amended. ALL INFORMATION YOU PROVIDE WILL BE TREATED AS CONFIDENTIAL and used only for research or statistical purposes by your doctoral institution, the survey sponsors, their contractors, and collaborating researchers for the purpose of analyzing data, preparing scientific reports and articles, and selecting samples for a limited number of carefully defined follow-up studies. The last four digits of your Social Security Number are also solicited under the NSF Act of 1950, as amended; provision of it is voluntary. It will be kept confidential. It is used for quality control, to assure that we identify the correct persons, especially when data are used for statistical purposes in Federal program evaluation. Any information publicly released (such as statistical summaries) will be in a form that does not personally identify you. Your response is voluntary and failure to provide some or all of the requested information will not in any way adversely affect you.

The time needed to complete this form varies according to individual circumstances, but the average time is estimated to be 19 minutes. If you have comments regarding this time estimate, you may write to the National Science Foundation, 4201 Wilson Blvd., Arlington, VA 22230, Attention: NSF Reports Clearance Officer. A Federal agency may not conduct or sponsor a collection of information unless it displays a currently valid OMB control number.

INSTRUCTIONS

Thank you for taking the time to complete this questionnaire. Directions are provided for each question.

- If you have not already done so, please PRINT your name on the front cover.
- Please print all responses; you may use either a pen or a pencil.

Part A - EDUCATION

A1. What is the title of your dissertation?

Please mark (X) this box if the title below refers to a performance, project report, or musical or literary composition required instead of a dissertation.

Title

A2. Please write the name of the primary field of your dissertation research.

Name of Field

Name of Field

Using the list on page 7, choose the code that best describes the primary field of your dissertation research.

Number of Field

If your dissertation research was interdisciplinary, list the name and number of your secondary field.

Name of Field

Name of Field

Number of Field

If there were more than two fields, additional fields should be reported on page 10.

A3. Please name the department (or interdisciplinary committee, center, institute, etc.) of the university that supervised your doctoral studies.

Department/Committee/Center/Institute/Program

Department/Committee/Center/Institute/Program

A4. If you received full or partial tuition remission (waiver) for your doctoral studies, was it:

Mark (X) one

- 0 I did not receive any tuition remission
- 1 for less than 1/3 of tuition
- 2 between 1/3 and 2/3 of tuition
- 3 more than 2/3 of tuition, but less than full
- 4 full tuition remission

A5. Which of the following were sources of financial support during graduate school?

Mark (X) Yes or No for each

| | Yes | No |
|--|--------------------------|--------------------------|
| a Fellowship, scholarship | <input type="checkbox"/> | <input type="checkbox"/> |
| b Grant | <input type="checkbox"/> | <input type="checkbox"/> |
| c Teaching assistantship | <input type="checkbox"/> | <input type="checkbox"/> |
| d Research assistantship | <input type="checkbox"/> | <input type="checkbox"/> |
| e Other assistantship | <input type="checkbox"/> | <input type="checkbox"/> |
| f Traineeship | <input type="checkbox"/> | <input type="checkbox"/> |
| g Internship, clinical residency | <input type="checkbox"/> | <input type="checkbox"/> |
| h Loans (from any source) | <input type="checkbox"/> | <input type="checkbox"/> |
| i Personal savings | <input type="checkbox"/> | <input type="checkbox"/> |
| j Personal earnings during graduate school (other than sources listed above) | <input type="checkbox"/> | <input type="checkbox"/> |
| k Spouse's, partner's, or family's earnings or savings | <input type="checkbox"/> | <input type="checkbox"/> |
| l Employer reimbursement/assistance | <input type="checkbox"/> | <input type="checkbox"/> |
| m Foreign (non-U.S.) support | <input type="checkbox"/> | <input type="checkbox"/> |
| n Other - Specify | <input type="checkbox"/> | <input type="checkbox"/> |

Other - Specify

A6. Which TWO sources listed in A5 provided the most support?

Enter **letters** of primary and secondary sources

1 Primary source of support

2 Secondary source of support

Mark (X) if no secondary source

A7. When you receive your doctoral degree, how much money will you owe that is directly related to your undergraduate and graduate education?

Mark (X) one in each column

UNDERGRADUATE

- 0 None
- 1 \$10,000 or less
- 2 \$10,001 - \$20,000
- 3 \$20,001 - \$30,000
- 4 \$30,001 - \$40,000
- 5 \$40,001 - \$50,000
- 6 \$50,001 - \$60,000
- 7 \$60,001 - \$70,000
- 8 \$70,001 or more - Specify

\$

GRADUATE

- 0 None
- 1 \$10,000 or less
- 2 \$10,001 - \$20,000
- 3 \$20,001 - \$30,000
- 4 \$30,001 - \$40,000
- 5 \$40,001 - \$50,000
- 6 \$50,001 - \$60,000
- 7 \$60,001 - \$70,000
- 8 \$70,001 or more - Specify

\$

A8. The next few questions ask about the degrees you have received. Please provide the following information for this doctoral degree, your most recent master's degree, and your first bachelor's degree in the appropriate columns below.

| | This research doctoral degree | Most recent master's degree (e.g. MS, MA, MBA) or equivalent | First bachelor's degree (e.g. BA, BS, AB) or equivalent |
|---|---|---|---|
| a. Have you received a degree of this type? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| b. Month/year degree granted | <input type="text"/> <input type="text"/> Month <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> Year | <input type="text"/> <input type="text"/> Month <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> Year | <input type="text"/> <input type="text"/> Month <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> Year |
| c. Month/year that you started your degree | <input type="text"/> <input type="text"/> Month <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> Year | <input type="text"/> <input type="text"/> Month <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> Year | <input type="text"/> <input type="text"/> Month <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> Year |
| d. Primary field of study | <input type="text"/> <input type="text"/> | <input type="text"/> <input type="text"/> | <input type="text"/> <input type="text"/> |
| e. Field number from list on p. 7 | <input type="text"/> <input type="text"/> <input type="text"/> | <input type="text"/> <input type="text"/> <input type="text"/> | <input type="text"/> <input type="text"/> <input type="text"/> |
| f. Institution name | <input type="text"/> <input type="text"/> | <input type="text"/> <input type="text"/> | <input type="text"/> <input type="text"/> |
| g. Branch or city | <input type="text"/> <input type="text"/> | <input type="text"/> <input type="text"/> | <input type="text"/> <input type="text"/> |
| h. State or province | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| i. Country | USA | | |

A9. Excluding those above, have you attained any additional postsecondary degrees?

Yes No

A10. Was a master's degree a prerequisite for admission to your doctoral program?

Yes No

A11. In what month and year did you first enter graduate school in any program or capacity, in any university?

Month
 Year

A12. How many years were you:

a. taking courses or preparing for exams for this doctoral degree (including a master's degree, if that was part of your doctoral program)?

Years (round to whole years)

b. working on your dissertation after coursework and exams (non-course related preparation, writing and defense)?

Years (round to whole years)

A13. Was there any time from the year you entered your doctoral program and the award of your doctorate that you were not working on your degree (that is, not taking courses or working on your dissertation)?

Yes No

If yes, please provide the number of years

Years (round to whole years)

If yes, please list the additional degree(s), granting institution(s), and years.

Degree Type _____
 Degree Field _____
 Field Number, p. 7 _____
 Month/Year Granted _____
 Institution _____
 Branch or City _____
 State or Country _____

Degree Type _____
 Degree Field _____
 Field Number, p. 7 _____
 Month/Year Granted _____
 Institution _____
 Branch or City _____
 State or Country _____

If there are more than two degrees, additional degrees should be reported on page 10.

A14. Did you earn college credit from a community or two-year college?

- 1 Yes 2 No

A15. Are you earning, or have you earned, an MD or a DDS?

- 1 Yes 2 No

Part B - POSTGRADUATION PLANS

B1. In what country or state do you intend to live after graduation (within the next year)?

- 0 in U.S. → State
- 1 not in U.S. → Country

B2. Do you intend to take a "postdoc" position?

(A "postdoc" is a temporary position primarily for gaining additional education and training in research, usually awarded in academe, industry, or government.)

- 1 Yes 2 No

B3. What is the status of your postgraduate plans (in the next year)?

Mark (X) one

- 0 Returning to, or continuing in, predoctoral employment → **GO TO B4**
- 1 Have signed contract or made definite commitment for a "postdoc" or other work → **GO TO B4**
- 2 Negotiating with one or more specific organizations → **SKIP TO C1**
- 3 Seeking position but have no specific prospects → **SKIP TO C1**
- 4 Other full-time degree program (e.g., MD, DDS, JD, MBA, etc.) → **SKIP TO C1**
- 5 Do not plan to work or study (e.g., family commitments, etc.) → **SKIP TO C1**
- 6 Other - Specify

B4. What best describes your (within the next year) postgraduate plans?

Mark (X) one

"POSTDOC" OR FURTHER TRAINING

- 0 "Postdoc" fellowship → **GO TO B5**
- 1 "Postdoc" research associateship → **GO TO B5**
- 2 Traineeship → **GO TO B5**
- 3 Intern, clinical residency → **GO TO B5**
- 4 Other Training - Specify

EMPLOYMENT

- 5 Employment (other than "postdoc" or further training) → **SKIP TO B6**
- 6 Military service → **SKIP TO B6**
- 7 Other Employment- Specify

B5. What will be the main source of financial support for your "postdoc" or further training within the next year?

Mark (X) one

- 0 U.S. government
- 1 Industry/business
- 2 College or university
- 3 Private foundation
- 4 Nonprofit, other than private foundation or college
- 5 Foreign government
- 6 Other - Specify
- 7 Unknown

B6. What type of principal employer will you be working for (or training with) in the next year?

Mark (X) one

EDUCATION

- 1 U.S. 4-year college or university other than medical school
- 2 U.S. medical school (including university-affiliated hospital or medical center)
- 3 U.S. university-affiliated research institute
- 4 U.S. community or two-year college
- 5 U.S. preschool, elementary, middle, secondary school or school system
- 6 Foreign educational institution

GOVERNMENT (other than education institution)

- 7 Foreign government
- 8 U.S. federal government
- 9 U.S. state government
- 10 U.S. local government

PRIVATE SECTOR (other than education institution)

- 11 Not for profit organization
- 12 Industry or business (for profit)

OTHER

- 13 Self-employed
- 14 Other - Specify

B7. Please name the organization and geographic location where you will work or study.

Name

State (if U.S.)

Country (if not U.S.)

B8. What will be your basic annual salary for this principal job (in the next year)? Do not include bonuses or additional compensation for summertime teaching or research. If you are not salaried, please estimate your earned income.

\$

If you prefer not to report an exact amount, please indicate into which range you expect your salary to fall:

Mark (X) one

- | | |
|--|--|
| 0 <input type="checkbox"/> \$30,000 or less | 6 <input type="checkbox"/> \$70,001 - \$80,000 |
| 1 <input type="checkbox"/> \$30,001 - \$35,000 | 7 <input type="checkbox"/> \$80,001 - \$90,000 |
| 2 <input type="checkbox"/> \$35,001 - \$40,000 | 8 <input type="checkbox"/> \$90,001 - \$100,000 |
| 3 <input type="checkbox"/> \$40,001 - \$50,000 | 9 <input type="checkbox"/> \$100,001 - \$110,000 |
| 4 <input type="checkbox"/> \$50,001 - \$60,000 | 10 <input type="checkbox"/> \$110,001 or above |
| 5 <input type="checkbox"/> \$60,001 - \$70,000 | 11 <input type="checkbox"/> Don't know |

B9. How many months does this salary cover?

Number of Months

B10. What will be your primary and secondary work activities?

Mark (X) one in each column

| | a PRIMARY | b SECONDARY |
|--|----------------------------|----------------------------|
| Research and development | 1 <input type="checkbox"/> | 1 <input type="checkbox"/> |
| Teaching | 2 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| Management or administration | 3 <input type="checkbox"/> | 3 <input type="checkbox"/> |
| Professional services to individuals | 4 <input type="checkbox"/> | 4 <input type="checkbox"/> |
| Other - Specify | 5 <input type="checkbox"/> | 5 <input type="checkbox"/> |

Mark (X) if no secondary work activities

Part C - BACKGROUND INFORMATION

C1. Are you -

- 1 Male 2 Female

C2. What is your marital status?

Mark (X) one

- 1 Married
 2 Living in a marriage-like relationship
 3 Widowed
 4 Separated
 5 Divorced
 6 Never married

C3. Not including yourself or your spouse/partner, how many dependents (children or adults) do you have - that is, how many others receive at least one half of their financial support from you?

Mark (X) if none

Write in number

- 5 years of age or younger . . .
 6 to 18 years
 19 years or older

C4. What is the highest educational attainment of your mother and father?

Mark (X) one for each parent

| | a MOTHER | b FATHER |
|---|----------------------------|----------------------------|
| Less than high/secondary school graduate | 1 <input type="checkbox"/> | 1 <input type="checkbox"/> |
| High/secondary school graduate | 2 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| Some college | 3 <input type="checkbox"/> | 3 <input type="checkbox"/> |
| Bachelor's degree | 4 <input type="checkbox"/> | 4 <input type="checkbox"/> |
| Master's degree (e.g., MA, MS, MBA, MSW, etc.) | 5 <input type="checkbox"/> | 5 <input type="checkbox"/> |
| Professional degree (e.g., MD, DDS, JD, D.Min, Psy.D., etc.) | 6 <input type="checkbox"/> | 6 <input type="checkbox"/> |
| Research doctoral degree | 7 <input type="checkbox"/> | 7 <input type="checkbox"/> |
| Not applicable | 8 <input type="checkbox"/> | 8 <input type="checkbox"/> |

C5. What is your place of birth?

State (if U.S.)
 OR
 Country (if not U.S.)

C6. What is your date of birth?

Month Day Year 1 9

C7. What is your citizenship status?

Mark (X) one

U.S. CITIZEN

- 0 Since birth → **SKIP TO C9**
- 1 Naturalized

NON-U.S. CITIZEN

- 2 With a Permanent U.S. Resident Visa ("Green Card") → **GO TO C8**
- 3 With a Temporary U.S. Visa

C8. (If a non-U.S. citizen) Of which country are you a citizen?

Specify country of present citizenship

C9. In what state or country was the high school/secondary school that you last attended?

State (if U.S.)

OR

Country (if not U.S.) .

C10. Are you a person with a disability?

- 1 Yes → **GO TO C11**
- 2 No → **SKIP TO C12**

C11. Which of the following categories describes your disability(ies)?

Mark (X) one or more

- a Blind/Visually Impaired
- b Deaf/Hard of Hearing
- c Physical/Orthopedic Disability
- d Learning/Cognitive Disability
- e Vocal/Speech Disability
- f Other - Specify

C12. Are you Hispanic or Latino?

- 1 Yes → **GO TO C13**
- 2 No → **SKIP TO C14**

C13. Which of the following best describes your Hispanic origin or descent?

Mark (X) one

- 1 Mexican or Chicano
- 2 Puerto Rican
- 3 Cuban
- 4 Other Hispanic - Specify

C14. What is your racial background?

Mark (X) one or more

- a American Indian or Alaska Native

Specify tribal affiliation(s)
- b Native Hawaiian or other Pacific Islander
- c Asian
- d Black or African-American
- e White

C15. Please fill in the last four digits of your Social Security Number.

- -

C16. In case we need to clarify some of the information you have provided, please list an e-mail address and telephone number where you can be reached.

E-mail Address

Daytime or Cell Telephone

C17. Please provide your address and the name and address of a person who is likely to know where you can be reached.

YOUR CURRENT ADDRESS:

Street Address

City/State/Country/Zip or Postal Code

CURRENT ADDRESS OF A PERSON WHO IS LIKELY TO KNOW WHERE YOU CAN BE REACHED:

Name

Street Address

City/State/Country/Zip or Postal Code

The results of this survey will be published in a Summary Report; the Summary Reports on earlier surveys are available at <http://www.norc.uchicago.edu/issues/docdata.htm>.

Please use the back cover to make any additional comments you may have about this survey.

Thank you for completing the questionnaire. Please return this questionnaire to your GRADUATE SCHOOL for forwarding to Survey of Earned Doctorates, NORC at the University of Chicago, 1 N. State Street, Floor 16, Chicago, IL 60602.

If you have questions or concerns about the survey, you may contact us by e-mail at 4800-sed@norc.uchicago.edu or phone at 1-800-248-8649.



Please open this page for the Field of Study List

The Field of Study listing on pages 8 and 9 is to be used in responding to items A2, A8, and A9. Please choose the code that best describes the name of your field.

BUSINESS MANAGEMENT/ADMINISTRATION

| | | |
|--|---|--|
| 900 Accounting | 916 International Business/Trade/Commerce | 935 Organizational Behavior (<i>see also PSYCHOLOGY/Industrial & Organizational</i>) |
| 905 Banking/Financial Support Services | 920 Marketing Management & Research | 938 Business Management/Administration, General |
| 910 Business Administration & Management | 917 Management Information Systems/Business Statistics | 939 Business Management/Administration, Other |
| 915 Business/Managerial Economics | 930 Operations Research (<i>also in ENGINEERING & in MATHEMATICS</i>) | |
| 901 Finance | | |
| 921 Human Resources Development | | |

COMMUNICATION

| | | |
|----------------------------|---|----------------------------|
| 940 Communication Research | 950 Film, Radio, TV & Digital Communication | 958 Communication, General |
| 957 Communication Theory | 947 Mass Communication/Media Studies | 959 Communication, Other |

COMPUTER & INFORMATION SCIENCES

| | | |
|----------------------|-----------------------------------|---|
| 400 Computer Science | 410 Information Science & Systems | 419 Computer & Information Science, Other |
|----------------------|-----------------------------------|---|

EDUCATION

RESEARCH & ADMINISTRATION

| | | |
|--|--|---|
| 840 Counseling Education/Counseling & Guidance | 810 Educational/Instructional Media Design | 845 Higher Education/Evaluation & Research |
| 800 Curriculum & Instruction | 807 Educational Leadership | 825 School Psychology (<i>also in PSYCHOLOGY</i>) |
| 805 Educational Administration & Supervision | 822 Educational Psychology (<i>also in PSYCHOLOGY</i>) | 830 Social/Philosophical Foundations of Education |
| 820 Educational Assessment/Testing/Measurement | 815 Educational Statistics/Research Methods | 835 Special Education |

TEACHER EDUCATION

| | | |
|--|--|---------------------------------|
| 858 Adult & Continuing Teacher Education | 850 Pre-elementary/Early Childhood Teacher Education | 856 Secondary Teacher Education |
| 852 Elementary Teacher Education | | |

TEACHING FIELDS

| | | |
|--|-----------------------------------|---|
| 860 Agricultural Education | 866 Foreign Languages Education | 882 Reading Education |
| 861 Art Education | 868 Health Education | 884 Science Education |
| 862 Business Education | 874 Mathematics Education | 885 Social Science Education |
| 864 English Education | 876 Music Education | 888 Trade & Industrial Education |
| 870 Family & Consumer/Human Science (<i>also in Fields Not Elsewhere Classified</i>) | 878 Nursing Education | 889 Teacher Education & Professional Development, Other |
| | 880 Physical Education & Coaching | |

OTHER EDUCATION

| | | |
|------------------------|----------------------|--|
| 898 Education, General | 899 Education, Other | |
|------------------------|----------------------|--|

ENGINEERING

| | | |
|--|---|---|
| 300 Aerospace, Aeronautical & Astronautical Engineering | 376 Engineering Management & Administration | 357 Nuclear Engineering |
| 303 Agricultural Engineering | 327 Engineering Mechanics | 360 Ocean Engineering |
| 306 Bioengineering & Biomedical Engineering | 330 Engineering Physics | 363 Operations Research (<i>also in MATHEMATICS & in BUSINESS MANAGEMENT</i>) |
| 309 Ceramic Sciences Engineering | 333 Engineering Science | 366 Petroleum Engineering |
| 312 Chemical Engineering | 336 Environmental Health Engineering | 369 Polymer & Plastics Engineering |
| 315 Civil Engineering | 339 Industrial & Manufacturing Engineering | 372 Systems Engineering |
| 318 Communications Engineering | 342 Materials Science Engineering | 398 Engineering, General |
| 321 Computer Engineering | 345 Mechanical Engineering | 399 Engineering, Other |
| 324 Electrical, Electronics & Communications Engineering | 348 Metallurgical Engineering | |
| | 351 Mining & Mineral Engineering | |

HUMANITIES

HISTORY

| | | |
|--------------------------------------|---|------------------------------|
| 706 African History | 705 European History | 708 Middle/Near East Studies |
| 700 American History (U.S. & Canada) | 710 History, Science & Technology & Society | 718 History, General |
| 703 Asian History | 707 Latin American History | 719 History, Other |

FOREIGN LANGUAGES & LITERATURE

| | | |
|-------------|--------------|----------------------------------|
| 768 Arabic | 746 Italian | 755 Slavic (other than Russian) |
| 758 Chinese | 762 Japanese | 749 Spanish |
| 740 French | 752 Russian | 769 Other Languages & Literature |
| 743 German | | |

LETTERS

| | | |
|---|---|---------------------------------|
| 732 American Literature (U.S. & Canada) | 734 English Language | 736 Speech & Rhetorical Studies |
| 720 Classics | 733 English Literature (British & Commonwealth) | 738 Letters, General |
| 723 Comparative Literature | 724 Folklore | 739 Letters, Other |
| 735 Creative Writing | | |

OTHER HUMANITIES

| | | |
|--|--------------------------------|--------------------------------|
| 770 American/U.S. Studies | 780 Music | 785 Philosophy |
| 773 Archaeology | 786 Music Theory & Composition | 790 Religion/Religious Studies |
| 776 Art History/Criticism/Conservation | 787 Music Performance | 798 Humanities, General |
| 792 Bible/Biblical Studies | 788 Musicology/Ethnomusicology | 799 Humanities, Other |
| 795 Drama/Theater Arts | 789 Music, Other | |

LIFE SCIENCES

AGRICULTURAL SCIENCES/NATURAL RESOURCES

| | | |
|---|---|---|
| 005 Agricultural Animal Breeding | 055 Fishing & Fisheries Sciences/Management | 030 Plant Pathology/Phytopathology (<i>also in BIOLOGICAL SCIENCES</i>) |
| 000 Agricultural Economics | 043 Food Science | 039 Plant Sciences, Other |
| 025 Agricultural & Horticultural Plant Breeding | 044 Food Science & Technology, Other | 046 Soil Chemistry/Microbiology |
| 020 Agronomy & Crop Science | 066 Forest Sciences & Biology | 049 Soil Sciences, Other |
| 010 Animal Nutrition | 070 Forest/Resources Management | 080 Wildlife/Range Management |
| 014 Animal Science, Poultry (or Avian) | 079 Forestry & Related Science, Other | 072 Wood Science & Pulp/Paper Technology |
| 019 Animal Science, Other | 050 Horticulture Science | 098 Agriculture, General |
| 081 Environmental Science | 074 Natural Resources/Conservation | 099 Agricultural Science, Other |

LIFE SCIENCES (continued)

BIOLOGICAL/BIOMEDICAL SCIENCES

| | | | | | |
|-----|---|-----|-----------------------------------|-----|---|
| 130 | Anatomy | 136 | Cell/Cellular Biology & Histology | 166 | Parasitology |
| 110 | Bacteriology | 142 | Developmental Biology/Embryology | 175 | Pathology, Human & Animal |
| 100 | Biochemistry (<i>see also PHYSICAL SCIENCES/Chemistry, other</i>) | 139 | Ecology | 180 | Pharmacology, Human & Animal |
| 102 | Bioinformatics | 145 | Endocrinology | 185 | Physiology, Human & Animal |
| 103 | Biomedical Sciences | 148 | Entomology | 115 | Plant Genetics |
| 133 | Biometrics & Biostatistics | 137 | Evolutionary Biology | 120 | Plant Pathology/Phytopathology (<i>also in AGRICULTURAL SCIENCES</i>) |
| 105 | Biophysics (<i>also in PHYSICS</i>) | 170 | Genetics/Genomics, Human & Animal | 125 | Plant Physiology |
| 107 | Biotechnology | 151 | Immunology | 169 | Toxicology |
| 129 | Botany/Plant Biology | 157 | Microbiology | 189 | Zoology |
| 158 | Cancer Biology | 154 | Molecular Biology | 198 | Biology/Biomedical Sciences, General |
| | | 160 | Neurosciences | 199 | Biology/Biomedical Sciences, Other |
| | | 163 | Nutrition Sciences | | |

HEALTH SCIENCES

| | | | | | |
|-----|--|-----|-------------------------------------|-----|---------------------------------------|
| 210 | Environmental Health | 240 | Medicinal/Pharmaceutical Sciences | 200 | Speech-Language Pathology & Audiology |
| 211 | Environmental Toxicology | 230 | Nursing Science | 250 | Veterinary Sciences |
| 220 | Epidemiology | 215 | Public Health | 298 | Health Sciences, General |
| 212 | Health Systems/Services Administration | 245 | Rehabilitation/Therapeutic Services | 299 | Health Sciences, Other |
| 222 | Kinesiology/Exercise Science | | | | |

MATHEMATICS

| | | | | | |
|-----|--------------------------------|-----|--|-----|---|
| 425 | Algebra | 440 | Logic | 450 | Statistics (<i>also in SOCIAL SCIENCES</i>) |
| 430 | Analysis & Functional Analysis | 445 | Number Theory | 455 | Topology/Foundations |
| 420 | Applied Mathematics | 465 | Operations Research (<i>also in ENGINEERING & in BUSINESS MANAGEMENT/ADMIN.</i>) | 498 | Mathematics/Statistics, General |
| 460 | Computing Theory & Practice | | | 499 | Mathematics/Statistics, Other |
| 435 | Geometry/Geometric Analysis | | | | |

PHYSICAL SCIENCES

ASTRONOMY

| | | | |
|-----|-----------|-----|--------------|
| 500 | Astronomy | 505 | Astrophysics |
|-----|-----------|-----|--------------|

ATMOSPHERIC SCIENCE & METEOROLOGY

| | | | | | |
|-----|-------------------------------------|-----|--|-----|--|
| 510 | Atmospheric Chemistry & Climatology | 514 | Meteorology | 519 | Atmospheric Science/Meteorology, Other |
| 512 | Atmospheric Physics & Dynamics | 518 | Atmospheric Science/Meteorology, General | | |

CHEMISTRY

| | | | | | |
|-----|----------------------|-----|-----------------------|-----|--|
| 520 | Analytical Chemistry | 530 | Physical Chemistry | 538 | Chemistry, General |
| 522 | Inorganic Chemistry | 532 | Polymer Chemistry | 539 | Chemistry, Other (<i>see also BIOLOGICAL/Biochemistry</i>) |
| 526 | Organic Chemistry | 534 | Theoretical Chemistry | | |

GEOLOGICAL & EARTH SCIENCES

| | | | | | |
|-----|---------------------------------|-----|-------------------------|-----|--------------------------------------|
| 542 | Geochemistry | 544 | Geophysics & Seismology | 550 | Stratigraphy & Sedimentation |
| 540 | Geology | 548 | Mineralogy & Petrology | 558 | Geological & Earth Sciences, General |
| 552 | Geomorphology & Glacial Geology | 546 | Paleontology | 559 | Geological & Earth Sciences, Other |

OCEAN/MARINE SCIENCES

| | | | |
|-----|-----------------------------------|-----|---------------------|
| 585 | Hydrology & Water Resources | 595 | Marine Sciences |
| 590 | Oceanography, Chemical & Physical | 599 | Ocean/Marine, Other |

PHYSICS

| | | | | | |
|-----|---|-----|--|-----|-----------------------|
| 560 | Acoustics | 574 | Condensed Matter/Low Temperature Physics | 570 | Plasma/Fusion Physics |
| 576 | Applied Physics | 568 | Nuclear Physics | 572 | Polymer Physics |
| 561 | Atomic/Molecular/Chemical Physics | 569 | Optics/Photonics | 578 | Physics, General |
| 565 | Biophysics (<i>also in BIOLOGICAL SCIENCES</i>) | 564 | Particle (Elementary) Physics | 579 | Physics, Other |

PSYCHOLOGY

| | | | | | |
|-----|---|-----|---|-----|--|
| 600 | Clinical Psychology | 615 | Experimental Psychology | 627 | Physiological/Psychobiology Psychology |
| 603 | Cognitive Psychology & Psycholinguistics | 620 | Family Psychology | 633 | Psychometrics & Quantitative Psychology |
| 606 | Comparative Psychology | 613 | Human Development & Family Studies | 636 | School Psychology (<i>also in EDUCATION</i>) |
| 609 | Counseling | 621 | Industrial & Organizational (<i>see also BUSINESS MANAGEMENT/Organization Behavior</i>) | 639 | Social Psychology |
| 612 | Developmental & Child Psychology | 624 | Personality Psychology | 648 | Psychology, General |
| 618 | Educational Psychology (<i>also in EDUCATION</i>) | | | 649 | Psychology, Other |

SOCIAL SCIENCES

| | | | | | |
|-----|-------------------------------------|-----|---------------------------------|-----|---|
| 650 | Anthropology | 667 | Economics | 686 | Sociology |
| 652 | Area/Ethnic/Cultural/Gender Studies | 670 | Geography | 690 | Statistics (<i>also in MATHEMATICS</i>) |
| 657 | Criminal Justice & Corrections | 674 | International Relations/Affairs | 694 | Urban Affairs/Studies |
| 658 | Criminology | 676 | Linguistics | 695 | Urban/City, Community & Regional Planning |
| 662 | Demography/Population Studies | 678 | Political Science & Government | 698 | Social Sciences, General |
| 668 | Econometrics | 682 | Public Policy Analysis | 699 | Social Sciences, Other |

FIELDS NOT ELSEWHERE CLASSIFIED (NEC)

| | | | | | |
|-----|--|-----|-----------------------------------|-----|--|
| 960 | Architecture/Environmental Design | 972 | Library Science | 984 | Theology/Religious Education (<i>see also OTHER HUMANITIES/Religion/Religious Studies</i>) |
| 964 | Family/Consumer Science/Human Science (<i>also in EDUCATION</i>) | 974 | Parks/Sports/Rec./Leisure/Fitness | 989 | Other Fields, NEC |
| 968 | Law | 976 | Public Administration | | |
| | | 980 | Social Work | | |

FIELD UNKNOWN

| | |
|-----|---------------|
| 999 | Unknown Field |
|-----|---------------|

To the Doctorate Recipient:

Congratulations on earning a doctoral degree! This is an important accomplishment for you. Your accomplishment is also significant for both this nation and others, as the new knowledge generated by research doctorates enhances the quality of life in this country and throughout the world. Because of the importance of persons earning research doctorates, several Federal agencies—listed on the cover—sponsor this Survey of Earned Doctorates.

The basic purpose of this survey is to gather objective data about doctoral graduates. These data are important in improving graduate education both at your home institution and beyond. Often, decisions made by governmental and private agencies to develop new programs, or to support present ones, are based in part on the data developed from this survey. If you have any comments about the survey, please provide them in the space below.

On behalf of the sponsoring Federal agencies, I thank you for your participation in this survey.

Best wishes,

Dr. Lynda T. Carlson
National Science Foundation

ADDITIONS TO QUESTIONS

A2. (continued)

Name of Field

Number of Field

Name of Field

Number of Field

A9. (continued)

Degree Type _____
 Degree Field _____
 Field Number, p. 7 _____
 Month/Year Granted _____
 Institution _____
 Branch or City _____
 State or Country _____

Degree Type _____
 Degree Field _____
 Field Number, p. 7 _____
 Month/Year Granted _____
 Institution _____
 Branch or City _____
 State or Country _____

Comments about the survey:

Please return this questionnaire to your GRADUATE SCHOOL for forwarding to:
 Survey of Earned Doctorates, NORC at the University of Chicago, 1 N. State Street, Floor 16, Chicago, IL 60602.
 If you have questions or concerns about the survey, you may contact us by e-mail at 4800-sed@norc.uchicago.edu or phone 1-800-248-8649.

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| Case ID: | Instit. Code: | Grad Date: | Main Disp.: | | |
| PROCESSING | | | | | |
| Receipt | | Editing | | CADE | |
| Initials | Date | Initials | Date | Initials | Date |
| Ver. Adjust | | Retrieval | | Updates | |
| Initials | Date | Initials | Date | Initials | Date |