Survey of Earned Doctorates

July 1, 2000, to June 30, 2001

Conducted by
The National Opinion Research Center at the University of Chicago
for
The National Science Foundation
The National Institutes of Health
The U.S. Department of Education
The National Endowment for the Humanities
The U.S. Department of Agriculture
The National Aeronautics and Space Administration

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. 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. Your Social Security number is also solicited under the NSF Act of 1950, as amended; providing it is also voluntary. It is used for survey quality control, program evaluation, and for matching with other databases.

The time needed to complete this form varies according to individual circumstances, but the average time is estimated to be 20 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.
INSTRUCTIONS

Thank you for taking the time to complete this questionnaire. Directions are provided for each question. Because not all questions will apply to everyone, you may be asked to skip certain questions.

- 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 pencil.
- When answering questions that require marking a box, please use an "X."
- If you need to change an answer, please make sure that your old answer is either completely erased or clearly crossed out.
- On page 7 (inside the back cover) is a Specialties List for classifying your field(s) of specialization in questions A2 and A8.

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 a musical or literary composition required instead of a dissertation.

Title

<table>
<thead>
<tr>
<th>Name of Field</th>
<th>Number of Field</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

A2. Using the Specialties List (page 7), please write the name and number of the primary field of your dissertation research.

Name of Field

<table>
<thead>
<tr>
<th>Number of Field</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

If you had a secondary field for your dissertation research, list the name and number.

Name of Field

<table>
<thead>
<tr>
<th>Number of Field</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

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

Mark (X) box if none

Department/Committee/Center/Institute/Program

A4. Please name the school or college within the university that supervised your doctoral program.

Mark (X) box if not applicable

School or College within University

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

<table>
<thead>
<tr>
<th>Mark (X) Yes or No for each</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
</tr>
<tr>
<td>-----</td>
</tr>
<tr>
<td>a.</td>
</tr>
<tr>
<td>b.</td>
</tr>
<tr>
<td>c.</td>
</tr>
<tr>
<td>d.</td>
</tr>
<tr>
<td>e.</td>
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<td>h.</td>
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<td>i.</td>
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<td>j.</td>
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<tr>
<td>k.</td>
</tr>
<tr>
<td>l.</td>
</tr>
<tr>
<td>m.</td>
</tr>
</tbody>
</table>

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

A7. If you received full or partial tuition remission for your doctoral studies, was it:

- [ ] I did not receive any tuition remission
- [ ] for less than 1/3 of tuition
- [ ] between 1/3 and 2/3 of tuition
- [ ] more than 2/3 of tuition
A8. Please list below, chronologically, all colleges (including 2-year) and graduate institutions you have attended and each degree earned (if any). Be sure to give the years attended for ALL institutions attended. INCLUDE YOUR DOCTORAL INSTITUTION(S) AND DOCTORAL DEGREE AT THE END.

Mark (X) box if bachelor's degree (or equivalent) was never received. Mark (X) box if master's degree (or equivalent) was never received.

<table>
<thead>
<tr>
<th>Institution and Location</th>
<th>Years Attended</th>
<th>Field of Study</th>
<th>Degree (if any)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Indian Institute of Technology</strong></td>
<td>From 1990 to 1992</td>
<td>Mathematics</td>
<td>498</td>
</tr>
<tr>
<td>Branch or City</td>
<td>State or Province</td>
<td>Country (if not U.S.)</td>
<td></td>
</tr>
<tr>
<td>Madras</td>
<td>India</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Institution</th>
<th>Years Attended</th>
<th>Field of Study</th>
<th>Degree (if any)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>University of California</strong></td>
<td>From 1993 to 1995</td>
<td>Mechanical Engineering</td>
<td>345</td>
</tr>
<tr>
<td>Branch or City</td>
<td>State or Province</td>
<td>Country (if not U.S.)</td>
<td></td>
</tr>
<tr>
<td>Berkeley</td>
<td>CA</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Institution</th>
<th>Years Attended</th>
<th>Field of Study</th>
<th>Degree (if any)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>University of California</strong></td>
<td>From 1997 to 2000</td>
<td>Mechanical Engineering</td>
<td>345</td>
</tr>
<tr>
<td>Branch or City</td>
<td>State or Province</td>
<td>Country (if not U.S.)</td>
<td></td>
</tr>
<tr>
<td>Berkeley</td>
<td>CA</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

If you have attended more than six institutions of higher education, please continue this list in the “Comments” section on the back cover. Remember to include your doctoral institution and degree.
A9. 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

<table>
<thead>
<tr>
<th>Undergraduate</th>
<th>Graduate</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 None</td>
<td>0 None</td>
</tr>
<tr>
<td>1 $5,000 or less</td>
<td>1 $5,000 or less</td>
</tr>
<tr>
<td>2 $5,001 - $10,000</td>
<td>2 $5,001 - $10,000</td>
</tr>
<tr>
<td>3 $10,001 - $15,000</td>
<td>3 $10,001 - $15,000</td>
</tr>
<tr>
<td>4 $15,001 - $20,000</td>
<td>4 $15,001 - $20,000</td>
</tr>
<tr>
<td>5 $20,001 - $25,000</td>
<td>5 $20,001 - $25,000</td>
</tr>
<tr>
<td>6 $25,001 - $30,000</td>
<td>6 $25,001 - $30,000</td>
</tr>
<tr>
<td>7 $30,001 - $35,000</td>
<td>7 $30,001 - $35,000</td>
</tr>
<tr>
<td>8 $35,001 - or more</td>
<td>8 $35,001 - or more</td>
</tr>
</tbody>
</table>

A10. How many years were there between the date you first entered graduate school in any program or capacity and the date your doctorate was granted?

Years [ ] [ ] Round to whole years

A11. How many years were you taking courses or preparing for exams required for or related to your doctoral degree?

Years [ ] [ ] Round to whole years

A12. How many years did you spend on your dissertation (non-course related preparation or research, writing and defense)?

Years [ ] [ ] Round to whole years

PART B - Postgraduation Plans

B1. How definite are your immediate (within the next year) postgraduate plans?

Mark (X) one

0 Am returning to, or continuing in, predoctoral employment
1 Have signed contract or made definite commitment for other work or study
2 Am negotiating with one or more specific organizations
3 Am seeking position but have no specific prospects
4 Other - Specify

B2. Please name the organization and geographic location where you will work or study.

Name

City

State

Country

B3. In what state or country do you intend to live after graduation (within the next year)?

0 in U.S. [ ] [ ] State
1 not in U.S. [ ] [ ] Country

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

Mark (X) one

Further Training or Study

0 Postdoctoral fellowship
1 Postdoctoral research associateship
2 Traineeship
3 Other study - Specify

Career Employment

4 Employment (other than 0, 1, 2, 3)
5 Military service
6 Other - Specify

B5. What will be the main source of financial support for your postdoctoral study/research 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
5 Other - Specify
6 Unknown
B.6. For what type of employer will you be working within the next year?

**Mark (X) one**

**EDUCATION**

a. [ ] U.S. 4-year college or university other than medical school
b. [ ] U.S. medical school (including university-affiliated hospital or medical center)
c. [ ] U.S. junior or community college or technical institute
d. [ ] Preschool, elementary, or secondary school in the U.S.
e. [ ] Foreign educational institution

**GOVERNMENT**

f. [ ] Foreign government
g. [ ] U.S. federal government
h. [ ] U.S. state government
i. [ ] U.S. local government

**PRIVATE SECTOR**

j. [ ] Nonprofit organization
k. [ ] Industry or business
l. [ ] Self-employed

**OTHER**

m. [ ] Other - Specify

B.7. From the list below, please indicate what your primary and secondary work activities will be by entering the numbers of your selections in the appropriate boxes:
Enter numbers from below:

- a. Primary Activity
- b. Secondary Activity

- 0 Research and development
- 1 Teaching
- 2 Administration
- 3 Professional services to individuals
- 4 Other - Specify

C.3. Not including yourself (or your spouse/partner), how many dependents do you have - that is, how many others receive at least one half of their support from you?

**Mark (X) box if none**

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

C.4. What is the highest educational attainment of your mother and father?

**Mark (X) one for each parent**

<table>
<thead>
<tr>
<th>a. Mother</th>
<th>b. Father</th>
</tr>
</thead>
<tbody>
<tr>
<td>Less than high school/secondary school</td>
<td>1</td>
</tr>
<tr>
<td>High-school/secondary-school graduate</td>
<td>2</td>
</tr>
<tr>
<td>Some college</td>
<td>3</td>
</tr>
<tr>
<td>Bachelor's degree</td>
<td>4</td>
</tr>
<tr>
<td>Master's degree</td>
<td>5</td>
</tr>
<tr>
<td>Professional degree</td>
<td>6</td>
</tr>
<tr>
<td>Doctoral degree</td>
<td>7</td>
</tr>
</tbody>
</table>

C.5. What is your place of birth?

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

C.6. What is your date of birth?

- Month □ □ □
- Day □ □ □
- Year □ □ □ □ □ 1 9 □ □ □

C.7. What is your citizenship status?

**Mark (X) one**

- 0 Native Born
- 1 Naturalized

**Non-U.S. Citizen:**

- 2 With a Permanent U.S. Resident Visa ("Green Card")
- 3 With a Temporary U.S. Visa

C.8. (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. (IF YES) 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. (IF YES TO C12) Which of the following describes your Hispanic origin or descent?

1  Mexican American 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 your U.S. Social Security number.

C16. In case we need to clarify some of the information you have provided, please list an E-mail address, website address (if applicable), and telephone numbers where you can be reached.

E-mail address
Website address
Daytime telephone
Evening telephone

C17. Please provide your address and the name and address of a person through which you could always be reached.

Current Address

Number  Street
City  State  Country  Zip or Postal Code

Contact Person

Name

Number  Street
City  State  Country  Zip or Postal Code

Phone Number (including area or country code)
E-mail Address

C18. Please sign and date.

Signature  Date

☐ Mark (X) box if you would like a summary of the results of this survey (available as funding permits).

Results of the Survey of Earned Doctorates can be found on the National Science Foundation’s World Wide Web page at http://www.nsf.gov/sbe/srs/srs00410

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

Thank you for completing the questionnaire. Please return it to the GRADUATE DEAN for forwarding to Survey of Earned Doctorates, NORC at the University of Chicago, 1525 East 55th Street, Chicago, IL 60615. Should you need to call us, our toll free number is 1-800-248-8649.
### INSTRUCTIONS

The following field listing is to be used in responding to items A2 and A8. If you choose a field marked with an asterisk (*), please write in your field of specialization in the space provided in those items.

### AGRICULTURAL SCIENCES

- **000** Agricultural Economics
- **002** Agricultural Business & Mgmt.
- **005** Animal Breeding & Genetics
- **009** Animal Sciences,
- **072** Wood Sci. & Pulp/Paper Tech.
- **074** Conserv./Natural Res.
- **079** Forestry & Related Sci., Other*
- **080** Wildlife/Range Management
- **089** Agricultural Sci., General
- **099** Agricultural Sci., Other*

### BIOLOGICAL SCIENCES

- **100** Biochemistry
- **103** Biomedical Sciences
- **105** Biophysics
- **107** Biotechnology Research
- **110** Botany, Other*
- **112** Cell Biology
- **115** Plant Genetics
- **117** Biotechnology
- **118** Entomology
- **120** Plant Pathology
- **121** Physical Sciences
- **125** Plant Physiology
- **129** Botany, Other*
- **130** Anatomy
- **133** Biometrics & Biostatistics
- **136** Cell Biology
- **137** Ecology
- **142** Developmental
- **145** Endocrinology
- **148** Entomology
- **151** Biological Immunology
- **154** Molecular Biology
- **157** Microbiology
- **160** Neuroscience
- **163** Animal Sciences
- **166** Parasitology
- **169** Toxicology
- **170** Genetics, Human & Animal
- **175** Pathology, Human & Animal

### COMPUTATIONAL AND INFORMATION SCIENCES

- **400** Computer Science
- **410** Spanish, Sp. & Sys.
- **419** Computer/Info. Sci., Other*

### MATERIALS SCIENCE

- **564** Electrochemical, Other

### MATHEMATICS

- **420** Applied Mathematics
- **425** Algebra

### PHYSICS

- **566** Fluids
- **568** Nuclear
- **569** Optics
- **570** Plasma & High-Temperature
- **572** Polymer
- **574** Solid State & Low-Temperature

### CHEMISTRY

- **520** Analytical
- **522** Inorganic
- **524** Nuclear
- **526** Organic
- **528** Medicinal/Pharmaceutical

### GEOLOGICAL & RELATED SCIENCES

- **540** Geology
- **542** Geochemistry
- **544** Geophysics & Seismology
- **546** Paleontology
- **548** Mineralogy & Petrology
- **550** Stratigraphy & Sedimentation
- **552** Geomorphology & Glacial Geology

### COMPUTER AND INFORMATION SCIENCES

- **435** Geometry

### MISCELLANEOUS PHYSICAL SCIENCES

- **580** Environmental Science
- **585** Hydrology & Water Resources
- **590** Oceanography
- **595** Marine Sciences
- **599** Physical, Miscellaneous, Other*

### PSYCHOLOGY

- **600** General
- **603** Cognitive & Psycholinguistics
- **606** Comparative
- **609** Counseling
- **612** Developmental & Child

### OTHER HUMANITIES

- **770** American Studies
- **773** Archival Research
- **776** Art History/Conserv.
- **780** Music
- **785** Theater Arts

### EDUCATION

- **800** Curriculum & Instruction
- **805** Educational Admin. & Supervision
- **807** Educational Leadership
- **810** Educ./Instruct. Media Design
- **815** Educ. Stat./Research Methods
- **820** Educational Assessment/Testing

### PROFESSIONAL FIELDS

- **900** Accounting
- **905** Banking
- **910** Business Admin. & General
- **915** Business/Management Economics
- **919** International Business

### OTHER FIELDS

- **999** Other*
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 Carlson
National Science Foundation

Please return this questionnaire to your GRADUATE DEAN for forwarding to Survey of Earned Doctorates, NORC at the University of Chicago, 1525 East 55th Street, Chicago, IL 60615.

Should you need to call us, our toll free number is 1-800-248-8649.

<table>
<thead>
<tr>
<th>OFFICE USE ONLY</th>
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<tbody>
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<td>Case ID</td>
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<table>
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<tbody>
<tr>
<td>Receipt</td>
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<tr>
<td>Initials</td>
</tr>
</tbody>
</table>

| Ver. Adjust | Retrieval | Updates |
| Initials | Date | Initials | Date | Initials | Date |