### Please print your name in full:

First Name Middle Name Last Name Suffix (e.g., Jr.)

Cross reference: Birth name or former name legally changed

# Survey of Earned Doctorates

July 1, 1999 to June 30, 2000

Conducted by

The National Opinion Research Center at the University of Chicago for

**The National Science Foundation** 

**The National Institutes of Health** 

The National Endowment for the Humanities

The U.S. Department of Education

The U.S. Department of Agriculture

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 anlayzing data, preparing scientific reports and articles, and selecting samples for a limited number of carefully defined follow-up studies. 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. 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 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.

OMB No.: 3145-0019 Approval Expires 6/2000

#### NATIONAL SCIENCE FOUNDATION 4201 WILSON BOULEVARD ARLINGTON, VIRGINIA 22230

#### 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.

This form is distributed by the Graduate Deans and is filled out by all persons who have completed the requirements for a research doctoral degree. Please print your name on the cover if you have not already done so, and then complete this questionnaire and return it to the Graduate Dean. The confidentiality of the information you provide is carefully protected.

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

Best wishes,

Jeanne E. Griffith

Director, Division of Science Resources Studies

#### **INSTRUCTIONS**

Thank you for taking the time to complete this important 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.
- 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 pages 8 and 9 (inside the back cover) is a Specialties List for classifying your field(s) of specialization in Questions A2, A10, B5, and B9.

Thanks again for your help; we really appreciate it.

### PART A - Education

A1.	What	t is the title of your dissertation?	A5. (IF FULL-TIME EMPLOYED) What type of position did you hold?					
		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	Mark (X) one					
	Title		College or university, faculty College or university, non-faculty Elementary or secondary school, teaching Elementary or secondary school, non-teaching Industry or business Other - Specify					
A2.		g the Specialties List (pages 8-9), please write the e and number of the field of your dissertation arch.	A6. In what state or country was the high school/secondary school that you last attended?  State (if U.S.)					
	Name	e of field						
	Numb	per of field	OR					
			Country (if not U.S.)					
A3.	equiv	receiving your first bachelor's degree (or valent), and including the period spent on your retation, how many years were you a full-time ent?  Years (whole numbers)	A7. When did you graduate from high school/secondary school?  Month  Year					
			19					
A4.	your imme	se check the category that most fully describes employment or study status during the year ediately before the award of the doctorate.	A8. Please name the department (or interdisciplinary committee, center, institute, etc.) of the university that supervised your doctoral program.					
	Mark	(X) one	☐ Mark (X) box if none					
1 2 3 4		Full-time employed → GO to A5  Held fellowship  Held assistantship  Part-time employed SKIP  Not employed to	Department/Committee/Center/Institute/Program					
5		Other - Specify A6	A9. Please name the school or college within the university that supervised your doctoral program.					
			$\Box$ Mark (X) box if not applicable					
			School or College within University					

and ea		if any). Be sure to	give	the ye	g 2-year) and graduate it ars attended for <u>ALL</u> ins				
Mar	k (X) box if bachelor	's degree (or equiva	ılent) v	was ne	ver received.				
☐ Mar	k (X) box if master's	degree (or equivale	ent) wa	ıs neve	r received.				
EXAMPLE			Ye	ears	Field of Stud	у	Degr	ee (if a	ıny)
	Institution and Lo	cation	Atte	ended	Use Specialties List,	pages 8-9		Gra	inted
Institution	0.4.1.1 151 1	/	From	То	Field Name	Number	Title	Mo.	Yr.
Branch or City  Madras	n Institute of Technol State or Province	Country (if not U.S.)  India	88	90	Mechanical Engineering	345		_	_
Institution			From	То	Field Name	Number	Title	Mo.	Yr.
Unive Branch or City Berkeley	rsity of California State or Province CA	Country (if not U.S.)	90	92	Mechanical Engineering	345	B.S.	6	92
					Field of Stud	X/	Degr	ee (if a	nv)
	Institution and Lo	cation		ears ended	Use Specialties List,	*	Degi	1	inted
Institution			From	То	Field Name	Number	Title	Mo.	Yr.
Branch or City	State or Province	Country (if not U.S.)	-						
Institution			From	То	Field Name	Number	Title	Mo.	Yr.
Branch or City	State or Province	Country (if not U.S.)	_						
Institution			From	То	Field Name	Number	Title	Mo.	Yr.
Branch or City	State or Province	Country (if not U.S.)							
Institution			From	То	Field Name	Number	Title	Mo.	Yr.
Branch or City	State or Province	Country (if not U.S.)							
Institution			From	То	Field Name	Number	Title	Mo.	Yr.
Branch or City	State or Province	Country (if not U.S.)							
Institution			From	То	Field Name	Number	Title	Mo.	Yr.
Branch or City	State or Province	Country (if not U.S.)							
	e attended more tha		of hig	gher e	ducation, please continu	e this list or	the bac	k cove	er.

A11. Which of the following were sources of money to cover living and/or educational expenses during your doctoral programs?		A13. When you receive your doctoral degree, how much money will you owe that is directly related to your undergraduate and/or graduate education (tuition				
	Mark (X) Yes or No for each	Yes	No	Don't Know	and fees, living expenses and supplies, transportation to and from school)?	
a.	Loans (from any source)	1 🗌	2 🗌		0 None	
b.	Foreign (non-U.S.) support	1 🗆	2 🗌		1  \$5,000 or less	
c.	Fellowship, scholarship	1 🗌	2 🗌		2 🗆 \$5,001 - \$10,000	
d.	Dissertation grant	1 🗌	2 🗌		3 🗆 \$10,001 - \$15,000	
e.	Teaching assistantship	1 🗆	2 🗆		4 🔲 \$15,001 - \$20,000	
f.	Research assistantship	1 🗆	2 🗌		5 🗆 \$20,001 - \$25,000	
g.	Traineeship	1 🗆	2 🗌		6 \( \Sigma \) \$25,001 - \$30,000	
h.	Internship or residency	1 🗌	2 🗌		7 □ \$30,001 or more	
i.	Personal savings	1 🗌	2 🗌		/ = \$30,001 of more	
j.	Other personal earnings during	1 🗌	2 🗌			
	graduate school					
k.	Spouse's, significant other's, or	1 🗌	2 🗌			
	family earnings or savings					
1.	Employer reimbursement/assistance	1 🗆	2 🗌			
m.	Other - Specify	1 🗌	2 🗌			
A12.	Which TWO sources listed in A11 support?  Enter letters of primary and secondary  1. Primary source of support  Mark (X) if no prima  2. Secondary source of support  Mark (X) if no second	y source ry source	es ce	e most	Mark (X) one  O ☐ Am returning to, or continuing in, predoctoral employment  ☐ Have signed contract or made definite commitment for other work or study  ☐ Am negotiating with one or more specific organizations  ☐ Am seeking position but have no specific prospects  ☐ Other - Specify ☐ B2, page 5  ☐ SKIP  ☐ B3, page 5	

	e the organization		location	B7. For	what type of	f employer will y	you be working?
where you v	vill work or study	<b>/.</b>	_	Mark (X)	one		
	Name		SKIP to	а	CATION U.S. 4-year of school	college or univer	sity other than medical
City	State (if U.S.)	Country (if <u>not</u> U.S.)	<b>B4</b>	ь — c —	U.S. medica U.S. junior o	ol school or community col or secondary sch	
B3. In what state graduation?	e or country do yo	u intend to live af	fter		Foreign insti		
Mark (X) one				f 🗌	ERNMENT Foreign gov U.S. federal		
<ul><li>0 □ in U.S.</li><li>1 □ not in U.</li></ul>	State S.  Country				U.S. state go U.S. local go		
B4. What best do plans?	escribes your imm	ediate postgradu	ate	ј □ k □	/ATE SECTO Nonprofit or Industry or b	rganization business	
Mark(X) one Postdoct	oral fellowship			ОТН			
1 Postdoct 2 Trainees	oral research assoc	iateship		m 🗍	Other - Spec	cify 🖵	
4  Employi 5  Military 6  Other - S		1,2,3)	SKIP to	and	secondary v	vork activities w	ate what your <u>primary</u> ill be by entering the e appropriate boxes:
Other - L	ресіју 🕁		<i>B7</i>		r numbers fr		
	e Specialties List of the state		er the	a. b.		nary Activity ondary Activity	
Name of field		tdoctoral field.		<ul><li>0 Rese</li><li>1 Teac</li></ul>	arch and dev	velopment	
Number of fi	eld			<ul><li>2 Adm</li><li>3 Profe</li></ul>	inistration	rices to individual	ls
	the main source o ctoral study/resear		ort for	3 Othe	1 - Specify		
Mark (X) one							
	vernment or university oundation		SKIP to		e and numb		ages 8-9) to enter the which you will be
3 Nonprof	oundation it, other than privat Specify ¬	te foundation	C1, page 6	Nam	e of field		
4 Suidi I	T - 507			Num	ber of field		
6 🗆 Unknow	n						

# PART C - Background Information

C1. Are you -			C6. What is your date of birth?				
1 ☐ Male 2 ☐ Female					Year <b>19</b>		
C2. What is your marital statu	ıs?		C7. What is your citizenship status?				
Mark (X) one			Mark (X) one				
<ul> <li>1 □ Married</li> <li>2 □ Living in a marriage</li> <li>3 □ Widowed</li> <li>4 □ Separated/divorced</li> <li>5 □ Never married</li> </ul>	- like relationsh	ip	U.S. Citizen:  O □ Native Born Naturalized → SKIP to C9				
C3. Not including yourself, ho have - that is, how many o half of their support from		Non-U.S. Citizen:  2  With a Permanent U.S. Resident Visa With a Temporary U.S. Visa					
Number  C4. What is the highest educa mother and father?	ent of your	C8. (IF A NON-U.S. CITIZEN) Of which country are you a citizen?					
Mark (X) one for each pare	nt		(Specify country of present citizenship)				
	a. Mother	b. Father	C9. Are you a pers	son with a disabili	ity?		
Less than high school/ secondary school	1	1	1  Yes		·		
High-school/secondary- school graduate	2		2 🗆 110 —	SKIP to C11			
Some college			<b>C10.</b> ( <i>IF YES</i> ) Whi	ch of the followin	g categories describes		
Bachelor's degree	4 🗌	4 🗌	your disability		g entegories deseriacs		
Master's degree	5	5	□ Visual     □ Orthone				
Professional degree	6 🗌	6	3 Auditory	(hearing)			
Doctoral degree	7 🗌	$ \begin{array}{c c} 4 & \hline \end{array} $ Vocal $ \begin{array}{c c} 5 & \hline \end{array} $ Other - Specify $\overline{\downarrow}$					
C5. What is your place of birth?							
State (if U.S.)							
		C11. Are you Hispanic?					
OR Country (if not U.S.)				GO to C12, page SKIP to C13, pag			

C12. (IF YES TO C11) Which of the following describes your Hispanic origin or descent?	C14. Please fill in your U.S. Social Security Number.						
Mexican American     Puerto Rican							
2 ☐ Other Hispanic - <i>Specify</i> →							
	C15. In case we need to clarify some of the information you have provided, please list a telephone number and e-mail address (if available) where you can be reached.						
C13. What is your racial background?	Daytime telephone						
Mark (X) one	Evening telephone						
<ul> <li>O ☐ American Indian or Alaskan Native</li> <li>1 ☐ Asian or Pacific Islander</li> <li>2 ☐ Black</li> <li>3 ☐ White</li> </ul>	E-mail address						
address, and telephone number of one person who is	o employment and career development over time, we brovide your current address below as well as the name, likely to know where you can always be reached. (Do not old.) As with all other information in this questionnaire,						
Current Address:							
Number Street							
City State Country Zipcoc Contact Person:	de or Postal Code						
Name							
Number Street							
City State Country Zipcoo	le or Postal Code						
Phone Number (including area or country code) E-mail	Address						
C17. Please sign and date.							
Signature	Date						
☐ Mark (X) box if you would like a summary of the resu							
	and on the National Science Foundation's World Wide Web						
Please use the back cover to make any additional commen	ts you may have about this survey.						
Thank you for completing the questionnaire. Please return Earned Doctorates, National Opinion Research Center at a IL 60615. Should you need to call us, our toll free number	the University of Chicago, 1525 East 55th Street, Chicago,						

### **SPECIALTIES LIST**

INSTRUCTIONS: The following field listing is to be used in responding to items A2, A10, B5, and B9. If you choose a field marked with an asterisk (\*), please write in your field of specialization in the space provided in those items.

astei	risk (*), please write in your field of special	ization	in the space provided in those items.		
AGI	RICULTURAL SCIENCES	189	Zoology, Other*	435	Geometry
000	Agricultural Economics		Biological Sciences, General		Logic (See also 785)
	Agricultural Business & Mgmt.		Biological Sciences, Other*		Number Theory
	Animal Breeding & Genetics				Mathematical Statistics
	Animal Nutrition	HEA	ALTH SCIENCES		Topology
012	Dairy Science	200	Speech-Lang.		Computing Theory & Practice
	Poultry Science		Pathology & Audiology	465	Operations Research
	Fisheries Sci. & Management		Environmental Health		(See also 363, 930)
	Animal Sciences, Other*		Health Systems/Service Admin.	498	Mathematics, General
	Agronomy & Crop Science		Public Health		Mathematics, Other*
	Plant Breeding & Genetics		Epidemiology (See also 133)		VOLCAL CONTRACTO
030	Plant Pathology (See also 120)	222	Exercise Physiology/	PHY	YSICAL SCIENCES
039	Plant Sciences, Other*		Sci., Kinesiology		
043	Food Engineering		Nursing	<b>7</b> 00	Astronomy
	Food Sciences, Other*		Pharmacy		Astronomy
	Soil Chemistry/Microbiology		Rehabilitation/Therapeutic Services	505	Astrophysics
	Soil Sciences, Other*		Veterinary Medicine		
	Horticulture Science		Health Sciences, General	<b>710</b>	Atmospheric Sci. and Meteorology
	Forest Biology	299	Health Sciences, Other*		Atmospheric Physics & Chemistry
	Forest Engineering	ENC	GINEERING		Atmospheric Dynamics
	Forest Management		Aerospace, Aeronaut. & Astronaut.		Meteorology
	Wood Sci. & Pulp/Paper Tech.		Agricultural		Atmos. Sci./Meteorol., General
	Conserv./Renewable Natural Res.		Bioengineering & Biomedical	519	Atmos. Sci./Meteorol., Other*
	Forestry & Related Sci., Other*		Ceramic Sciences		
	Wildlife/Range Management		Chemical	<b>50</b> 0	Chemistry
	Agricultural Sci., General		Civil		Analytical
099	Agricultural Sci., Other*		Communications		Inorganic
BIO	LOGICAL SCIENCES	321	Computer		Nuclear
100	Biochemistry		Electrical & Electronics		Organic Medicinal/Pharmaceutical
	Biomedical Sciences	327	Engineering Mechanics		Physical
105	Biophysics	330	Engineering Physics		Polymer
107	Biotechnology Research		Engineering Science		Theoretical
110	Bacteriology		Environmental Health Engineering		Chemistry, General
115	Plant Genetics	339	Industrial & Manufacturing		Chemistry, Other*
	Plant Pathology (See also 030)	342	Materials Science	337	(See 100 Biochemistry)
	Plant Physiology		Mechanical		(See 100 Biochemistry)
	Botany, Other*		Metallurgical		Geological & Related Sciences
	Anatomy		Mining & Mineral	540	Geology
	Biometrics & Biostatistics		Nuclear		Geochemistry
	Cell Biology (See also 154)		Ocean		Geophysics & Seismology
	Ecology	363	Operations Research		Paleontology
	Developmental Bio./Embryology	266	(See also 465, 930)		Mineralogy & Petrology
	Endocrinology		Petroleum	550	
	Entomology		Polymer & Plastics		Geomorphology & Glacial Geology
	Biological Immunology	372	Systems Engineering, General		Geolog. & Related Sci., General
	Molecular Biology		Engineering, Other*	559	Geolog. & Related Sci., Other*
	Microbiology Neuroscience	377	Engineering, Other		
	Nutritional Sciences	CO	MPUTER AND INFORMATION		Physics
	Parasitology		SCIENCES	560	Acoustics
	Toxicology	400	Computer Science	561	Chemical & Atomic/Molecular
	Genetics, Human & Animal		Information Science & Systems*		Elementary Particle
	Pathology, Human & Animal				Fluids
1,3	(See also 120)		THEMATICS		Nuclear
180	Pharmacology, Human & Animal		Applied Mathematics		Optics
	Physiology, Human & Animal		Algebra		Plasma & High-Temperature
	, , , , , , , , , , , , , , , , , , , ,	430	Analysis & Functional Analysis	572	Polymer

# **SPECIALTIES LIST (continued)**

574	Solid State & Low-Temperature		Letters	864	English Education
	Physics, General	720	Classics	866	Foreign Languages Education
579	Physics, Other*	723	Comparative Literature	868	Health Education
			Linguistics	870	Home Economics Education
	Miscellaneous Physical Sciences		Literature, American	872	Tech. & Indust. Arts Education
	Environmental Science		Literature, English		Mathematics Education
	Hydrology & Water Resources		English Language		Music Education
	Oceanography	736	1		Nursing Education
	Marine Sciences		Letters, General		Physical Education & Coaching
599	Misc. Physical Sciences, Other*	739	Letters, Other*		Reading Education
PSV	CHOLOGY		Foreign Languages and Literature	884	
	Clinical	740	French		Social Science Education
	Cognitive & Psycholinguistics	743	German	887	Technical Education
	Comparative		Italian		Trade & Industrial Education
	Counseling	749	Spanish	889	Teacher Educ., Specific Acad. &
	Developmental & Child		Russian		Voc. Prog., Other*
	Human/Indiv. & Family Devlpmt.	755	Slavic (other than Russian)		Other Education
	Experimental	758	Chinese	898	Education, General
	Educational (See also 822)	762	Japanese		Education, Other*
620	Family & Marriage Counseling	765	Hebrew		,
621	Indust. & Organiz. (See also 935)	768	Arabic	PRO	DFESSIONAL FIELDS
624	Personality	769	Other Languages & Literature*		<b>5</b>
627	Physiological/Psychobiology		O/L II '''		Business Management and
	Psychometrics	770	Other Humanities	000	Administrative Services
	Quantitative		American Studies		Accounting
636			Archeology		Banking/Financial Support Serv.
639			Art History/Criticism/Conserv. Music		Business Admin. & Management
648	Psychology, General		Philosophy (See also 440)		Business/Managerial Economics International Business
649	Psychology, Other*		Religion (See also 984)		
500	CIAL CCIENCES		Drama/Theater Arts		Mgmt. Info. Sys./Bus. Data Proc. Marketing Management & Research
	CIAL SCIENCES Anthropology		Humanities, General	930	
	Area Studies		Humanities, Other*	750	(See also 363, 465)
	Criminology		110111011111100, 0001111	935	Organiz. Behavior (See also 621)
	Demography/Population Studies		JCATION		Bus. Mgmt./Admin. Serv., Gen.
	Economics		Curriculum & Instruction		Bus. Mgmt./Admin. Serv., Other*
	Econometrics		Educational Admin. & Supervision		
	Geography		Educational Leadership		Communications
	International Relations/Affairs		Educ./Instruct. Media Design		Communications Research
	Political Sci. & Government		Educ. Stat./Research Methods		Mass Communications
	Public Policy Analysis		Educ. Assess./Test./Meas.		Communication Theory
686			Educ. Psychology (See also 618)		Communications, General
690		825	5 65 (	959	Communications, Other*
694	Urban Affairs/Studies	830			(See also 736)
698	Social Sciences, General	835			Other Professional Fields
699	Social Sciences, Other*		Couns. Educ./Couns. & Guid. Serv. Higher Education/Eval. & Research	960	Architec. Environ. Design
		643	Higher Education/Eval. & Research		Home Economics
HUN	MANITIES		<b>Teacher Education</b>		Law
	***	850	Pre-elementary/Early Childhood		Library Science
700	History		Elementary		Parks/Rec./Leisure/Fitness
	History, American		Secondary		Public Administration
703	History, Asian		Adult & Continuing		Social Work
	History, European		_		Theol./Religious Education
710	History/Philosophy of Sci. & Tech.	0.60	Teaching Fields		(See also 790)
	History, General History, Other*		Agricultural Education	988	Professional Fields, General
/19	mstory, Other		Art Education		Professional Fields, Other*
		862	Business Education		
					HER FIELDS*
				999	Other

Comments About This Survey									
Please ret	urn this questionn	naire to your GRA	DUATE DEAN fo	or forwarding to	of Chicago				
1525 East	55th Street, Chica ou need to call us, o	ago, IL 60615.		ter at the University	of Chicago,				
Case ID:	Instit. Code:	OFFICE U	SE ONLY Grad Date:	Main Disp.:					
Case 1D: Instit. Code				Trum Disp					
Receipt			CESSING diting	CA	DE				
Initials	Date	Initials	Date	Initials	Date				
	. Adjust		etrieval		dates				
Initials	Date	Initials	Date	Initials	Date				