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GENERAL INSTRUCTIONS

NATIONAL SCIENCE FOUNDATION GRADUATE RESEARCH FELLOWSHIPS
NSF Graduate Fellowships . NSF Minority Graduate Fellowships

Read the *Program Announcement, Inventory List,* and these instructions carefully before completing the forms.

IMPORTANT: Deadline dates relevant to the NSF Graduate Research Fellowship Program are stipulated below and on the *Inventory List*. These dates have been established to allow for the orderly processing and review of applications and for timely notification to fellowship candidates of the disposition of their applications. It is therefore of the utmost importance that these deadlines be met. Since a postmark date is required, applicants may wish to obtain a record of the mailing date by requesting a "Certificate of Mailing" from the post office. **Applicants should retain copies of materials they submit.**

The information requested on the application materials is solicited pursuant to the National Science Foundation Act of 1950, as amended, and is of three types. Information related to citizenship, ethnic minority group status (to determine eligibility for NSF Minority Graduate Fellowships), field of study, and prior educational experience is used to determine the eligibility of applicants to apply in these competitions. Personal data, such as Social Security Number and date of birth, are used in correlating application materials, transcripts, and Graduate Record Examination (GRE) scores, particularly for applicants with similar names. The remaining information, such as course grades, honors received, statements of study and career plans, and educational background, assists reviewers in evaluating the qualifications of applicants for fellowships. The information you supply will be used and disclosed only in connection with the selection of NSF Fellows and the administration of NSF Fellowships; this information will not be disclosed for any other purpose, except as part of statistical reports in a form which would not allow identification of individual applicants. Although provision of any of the requested information is voluntary, failure to provide full and complete information necessary for eligibility determination or for evaluation of qualifications may reduce the possibility of your receiving a fellowship award.

Persons eligible to apply in both the NSF Graduate Fellowship competition and the NSF Minority Graduate Fellowship competition, and who choose to apply in both, should submit only one set of application materials to be used in both competitions.

All application materials must be typed or legibly printed. Photocopies or excessively small or indistinct computer print-outs should not be submitted. Type size should be no smaller than 10-point. The formatting, order of questions, and specific wording on these application forms may not be changed.

The applicant's name and Social Security Number must be on all additional sheets required to complete any of the forms. Application forms of an earlier year, those used in other National Science Foundation programs, or for programs not affiliated with the National Science Foundation, may not be used.

Papers submitted in support of an application will not be returned to the applicant.

NOTE: All application materials must be submitted to:

Mailing address:
NSF Graduate Research Fellowship Program
Oak Ridge Associated Universities
P.O. Box 3010
Oak Ridge, Tennessee 37831-3010

Special messenger or courier address:
NSF Graduate Research Felowship Program
Oak Ridge Associated Universities
702 S. Illinois Avenue, Suite B-102
Oak Ridge, Tennessee 37830 Telephone: (423) 241-4300

The following application materials must be mailed together and unfolded in a large envelope postmarked, submitted electronically on the NSF FastLane, or delivered in person, no later than November 7, 1996: *Inventory List, Information Form, Application Form, Proposed Plan of Study or Research Form, Previous Research Experience Form,* and *Course Report Forms.* Applicants are encouraged to submit the *Undergraduate GPA Form* and *Official Academic Transcripts* with the above items.

The following application materials should be received by ORAU no later than December 12, 1996: *Reference Report Forms.*

The GRE General and Subject Tests should be taken by December 14, 1996.

SUBMIT EARLY: Submit your materials early to avoid delay in processing your application.

ELIGIBILITY: Before completing any of these materials, read the *Program Announcement* carefully to determine your eligibility to apply for an NSF Graduate Research Fellowship. Be sure that you meet the eligibility requirements before you apply.

APPLICATION MATERIALS: Prospective fellowship applicants may obtain application materials via the following methods:

1. Individuals may submit an application electronically using NSF's FastLane.

2. Via the NSF electronic publishing system, STIS--the Science and Technology Information System. With access to a modem, you can download and print this document and all necessary application forms. To get more information about the STIS system in general, send an Internet e-mail message to stisinfo@nsf.gov or call the NSF Forms and Publications Unit at (703) 306-1130, and request a copy of the STIS Brochure, NSF 95-64.

3. By written request: NSF Graduate Research Fellowship Program, Oak Ridge Associated Universities (ORAU), P.O. Box 3010, Oak Ridge, TN 37831-3010 or telephone (423) 241-4300 or fax (423) 241-4513 or Internet e-mail, nsfgrfp@orau.gov

THE FOLLOWING ARE INSTRUCTIONS FOR COMPLETING THESE APPLICATION MATERIALS; WITH THE EXCEPTION OF THE GRE SCORES AND REFERENCE REPORT FORMS, THESE APPLICATION MATERIALS MUST BE MAILED TOGETHER AND UNFOLDED IN A LARGE ENVELOPE POSTMARKED, SUBMITTED ELECTRONICALLY ON NSF'S FASTLANE, OR DELIVERED IN PERSON, NO LATER THAN NOVEMBER 7, 1996.

INVENTORY LIST: Read the instructions on the *Inventory List* carefully. It should be completed and submitted with the NSF Graduate Research Fellowship Application.

INFORMATION FORM: Read the separate instructions for the *Information Form* carefully before answering any questions.

APPLICATION FORM: Read the separate instructions for the *Application Form* carefully before answering any questions.

NOTE: Failure to respond to all items on the *Information Form* and *Application Form* may delay the processing of your application.

PROPOSED PLAN OF STUDY OR RESEARCH FORM (NSF Form 306): The *Proposed Plan of Study or Research Form* must be completed by all applicants in accordance with the instructions on the form. The initial plan may be modified after consultation with the adviser with whom the applicant will be associated as a Fellow. Duplicate this form if an additional page is necessary.

PREVIOUS RESEARCH EXPERIENCE FORM (NSF Form 1259): All applicants must complete this form in accordance with the instructions included thereon. Duplicate this form if an additional page is necessary.

COURSE REPORT FORM (NSF Form 310): Course Reports are important to the evaluation of your application. When completed according to the instructions outlined below, they enable the evaluators of your application to see clearly the courses you have taken and the grades you have received in your major field separate from those in supporting fields.

Before filling out the *Course Report Forms*, read carefully the instructions that follow. The six columns on the Course Report sheets are to be completed according to the information requested at the top of each column.

Use a separate *Course Report Form* for each Educational Institution attended.

List chronologically undergraduate courses applied toward your bachelor's degree, beginning with your freshman year, in the following order: 1. Undergraduate courses in your major field on one (or more if needed) Course Report sheet; 2. All other undergraduate courses on sheets separate from your major courses. Do not include in your undergraduate list any courses which may have been, or will be, taken prior to receipt of your baccalaureate degree to satisfy requirements for a graduate degree (see next paragraph).

GENERAL INSTRUCTIONS (continued)

List postbaccalaureate courses chronologically on separate Course Report sheets in the following order: 1. Graduate courses in your major field which have been, or will be during the current academic year, applied toward a graduate degree; 2. All other graduate courses which have been, or will be during the current academic year, applied toward a graduate degree; include in your graduate list any courses which have been, or will be, taken prior to receipt of your baccalaureate degree to satisfy requirements for a graduate degree; identify these courses with a footnote; 3. All unclassified postbaccalaureate courses in any field--i.e., those courses not applied toward a graduate degree. Duplicate this form if additional pages are necessary.

TRANSCRIPT REQUEST FORM (NSF Form 316): All applicants must submit complete **official** transcripts of their college academic records, undergraduate and graduate, excluding fall 1996. Only one copy of each transcript is required. Individuals using the FastLane for application submission may obtain a copy of the *Transcript Request Form* via STIS. Duplicate copies of this form as required and submit to the appropriate registrar. Note: The fall 1996 transcript can be submitted when available.

UNDERGRADUATE GPA FORM (NSF Form 314): The *Undergraduate GPA* (Grade Point Average) *Form* must be submitted to the registrar of the institution from which you received, or expect to receive, your bachelor's degree, even if your university cannot provide the information requested. After you complete the applicant's portion of the form, submit it to the registrar along with your transcript request.

REFERENCE REPORT FORM (NSF Form 299): Should be received by ORAU no later than December 12, 1996.

1. It is suggested that applicants submit four (4) *Reference Report Forms*. Scientists or faculty members who have current knowledge of the applicant's academic and/or professional experience and ability should be selected as referees, since they will be able to give meaningful answers to the questions asked. NSF suggests that at least two of the four should be persons with whom the applicant has worked in his/her present (or most recent) department, including the thesis adviser if possible.

2. All Reference Reports should be received at ORAU no later than December 12, 1996. Each applicant should enter on the report forms his/her name, provide the referee with self-addressed, return envelopes, and ensure that the completed reports are returned in time to be submitted with the rest of the fellowship application materials, or sent directly by the referee to arrive at ORAU by the December 12,1996 receipt date.

3. If the applicant has applied before and finds it necessary to use some of the same referees, the applicant should request the referees to prepare new reports. In most cases they will be able to provide additional and more up-to-date information concerning the ability and training of the applicant. Reference Reports submitted for a prior year's application cannot be transferred to a current application.

4. Only the NSF *Reference Report Form* should be used for an NSF Graduate Research Fellowship application. The student reference statements on file at colleges and universities will not be accepted in lieu of the NSF *Reference Report Form*.

GRADUATE RECORD EXAMINATIONS (GRE) See the GRE Information Sheet for further information concerning the GRE.

NSF Graduate Research Fellowships

INVENTORY LIST

Deadline for filing: November 7, 1996

FOR ORAU/NSF USE ONLY

PR	Date	
DE	Date	
DV	Date	

Name: _____ _____ _____ _____
last first middle Jr,II,etc

Date: _____

Use this sheet when submitting your NSF Graduate Research Fellowship application and supporting materials. **Indicate the number of pages next to the item(s) you are submitting in this mailing and include this sheet. Note the applicable deadlines for each item**. Applicants are encouraged to submit all available forms and supporting materials by the November 7, 1996 deadline. Retain copies of materials you submit for your records. Obtain a receipt of mail or delivery of all application materials.

POSTMARK DEADLINE: November 7, 1996

		FOR ORAU/NSF USE ONLY	
_____	Information Form	_____	_____
_____	Application Form	_____	_____
_____	Proposed Plan of Study or Research Form	_____	_____
_____	Previous Research Experience Form	_____	_____
_____	Course Report Forms	_____	_____
_____	Undergraduate GPA Form	_____	_____
_____	Academic Transcripts (list each institution)		
	_____	_____	_____
	_____	_____	_____
	_____	_____	_____
	_____	_____	_____

RECEIPT DATE: December 12, 1996

_____	Reference Report Forms (list each reference)		
	_____	_____	_____
	_____	_____	_____
	_____	_____	_____
	_____	_____	_____

DO NOT FOLD APPLICATION MATERIALS

Return to NSF Graduate Research Fellowship Program, Oak Ridge Associated Universities,
P.O. Box 3010, Oak Ridge, Tennessee 37831-3010

National Science Foundation Graduate Research Fellowship Program

INSTRUCTIONS FOR COMPLETING THE INFORMATION FORM

Before filling out the *Information Form*, read the *Program Announcement* carefully to determine your eligibility to apply for an NSF Graduate Research Fellowship. Be sure that you meet the eligibility requirements before you apply.

NOTE: Failure to respond to all items on the *Information Form* may delay the processing of your application.

A. Social Security Number.

B. Former name (any name used previously).

C. Permanent U.S. Residence Address: All applicants must have a permanent address in the United States. List your complete permanent address, including zip code. (U.S. addresses include Puerto Rico, Guam, and U.S. territories.) APO or FPO addresses, college department addresses, and abbreviated names of streets or cities are not accepted.

D. This address will be used for future correspondence concerning your application for the NSF Graduate Research Fellowship competition.

E. Telephone number (daytime) and electronic mail address if available.

F. Date of birth, place of birth, and gender.

G. High School: List the location (city and state) of the high school from which you graduated. If you received a high school equivalency certificate rather than a diploma, indicate that you have a GED and provide the name of the state through which it was granted. If you graduated from a school located outside of the U.S., indicate the country.

H. Categories of groups that are of interest for statistical purposes to the Foundation: (a) American Indian or Native Alaskan--A person having origins in any of the original peoples of North America. (b) Asian--A person having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian subcontinent. This area includes, for example, China, India, Japan, and Korea. (c) Native Pacific Islander--A person having origins in any of the original Polynesian or Micronesian peoples of the Pacific Islands. This area includes, for example, the Philippine Islands and Samoa. (d) Black/African American, not of Hispanic origin--A person having origins in any of the black racial groups of Africa. (e) Hispanic--A person of Mexican, Puerto Rican, Cuban, Central or South American, or other Spanish culture or origin, regardless of race. (f) White, not of Hispanic origin--A person having origins in any of the original peoples of Europe, North Africa, or the Middle East.

I. All applicants must be citizens or nationals of the United States, or permanent resident aliens of the United States at the time of application. If you are a permanent resident alien, enter the date your permanent resident status was granted and your alien registration number in the space provided. Indicate country of citizenship if not U.S.

J. Indicate the fellowship(s) for which you are applying. If you are eligible to apply for an NSF Graduate Fellowship and for an NSF Minority Graduate Fellowship, you may apply for both programs with this single application. Only members of the following ethnic minority groups are eligible for NSF Minority Graduate Fellowships: American Indian, Black/African American, Hispanic, Native Alaskan (Eskimo or Aleut), or Native Pacific Islander (Micronesian or Polynesian). Individuals fulfilling this eligibility requirement and those requirements specified in the "Eligibility" sections of the *Program Announcement* may choose to apply for both fellowship competitions, or they may choose to apply for only one.

K. Indicate if you have a disability that limits a major life activity.

L. Honorable Mention List**:** In addition to announcing awards, NSF also makes public the names of applicants who qualify for honorable mention designation. Honorable Mention in the NSF Graduate Research Fellowship competitions is considered a significant achievement nationwide; copies of the lists are made available to all graduate schools. Failure to respond to this question will be treated as a negative response.

M. The lists of awardees and honorable mention recipients that NSF publishes on STIS (the electronic dissemination system) are frequently used by universities to recruit graduate students. To assist those universities in contacting individuals on the lists, NSF would like to publish permanent addresses. Please respond to this question according to whether or not you would like your permanent address published by the NSF. Failure to respond to this question will be treated as a negative response.

NSF Graduate Research Fellowships

INFORMATION FORM

Deadline for filing: November 7, 1996

_____
FOR ORAU/NSF USE ONLY

READ INSTRUCTIONS BEFORE COMPLETING THIS FORM. PLEASE TYPE OR PRINT. USE BLACK INK.

Name: _____ _____ _____ _____
last first middle Jr,II,etc

A. Social Security Number: ____-____-____ B. Former Name: _____

C. Permanent U.S. Residence Address: _____ _____
street apt. #

_____ _____ _____
city state zip code

D. Mailing Address: _____
street apt. #

_____ _____ _____
city state zip code

E. Telephone Number: _____

Electronic Mail Address: _____

F. Date of birth: ___/___/___ Place of birth: _____ _____ Gender: _____ _____
mm/dd/yy state country Male Female

G. Location of high school from which you graduated: _____ _____
city state or country

H. Place an "X" on the appropriate line that best describes your group (choose only one):

____American Indian (A)
____Asian (B)
____Black/African American, not of Hispanic Origin (C)
____White, not of Hispanic Origin (D)
____Native Alaskan (Eskimo or Aleut) (E)
____Native Pacific Islander (Micronesian or Polynesian) (F)
____Mexican American/Chicano (G)
____Puerto Rican (H)
____Cuban (I)
____Hispanic, other (J)

I. Place an "X" on the appropriate line that depicts your citizenship status:

_____Citizen or national of the United States _____Permanent resident alien of the United States

Date permanent resident alien status was granted: ___/___ (mm/yy) Alien registration number: _____

Country of citizenship (if not U.S.): _____

J. If you are eligible to apply for an NSF Graduate Fellowship and for an NSF Minority Graduate Fellowship (some requirements are different), you may apply for both with this **single application**. Indicate below the fellowship(s) for which you are applying.

_____NSF Graduate Fellowship competition only

_____NSF Minority Graduate Fellowship competition only

_____NSF Graduate Fellowship and NSF Minority Graduate Fellowship competitions

K. Do you have a disability, such as a visual impairment, hearing impairment, motor impairment, that limits a major life activity?

_____yes _____no If yes, please specify: _____

L. Do you wish your name to appear on the Honorable Mention List? _____yes _____no

M. Do you wish your address to appear on the Awards List or Honorable Mention List? _____yes _____no

DO NOT FOLD APPLICATION MATERIALS

NSF Form 289, August 1996
Form Approved OMB No. 3145-0023

National Science Foundation Graduate Research Fellowship Program

INSTRUCTIONS FOR COMPLETING THE APPLICATION FORM

Before filling out the *Application Form*, read the *Program Announcement* carefully to determine your eligibility to apply for an NSF Graduate Research Fellowship. Be sure that you meet the eligibility requirements before you apply.

Note: Failure to complete and submit all three pages of the *Application Form* in the same envelope may delay the processing of your application.

1. **Major field of specialization:** Select only one major field. Reference: "Fields of Specialization" in the *Program Announcement.*

2. **Specialized field(s) within major field:** From the "Fields of Specialization" list, select your proposed field and enter the code number and name on the designated line. If the "other" category is applicable, list the appropriate "other" code number and enter the name of your specialized field. **Women in Engineering and Computer and Information Science award:** For purposes of evaluation, only those fields listed under "Engineering" or "Computer and Information Science and Engineering" on the "Fields of Specialization" list will be regarded as engineering or computer science fields; all women who apply in one of those fields will automatically be considered for a Women in Engineering and Computer and Information Science award.

3. **Multidisciplinary programs:** If your graduate program is multidisciplinary, indicate your primary field of study and the percent of effort in your overall program. Likewise, indicate your other or secondary fields and the percent of effort. Refer to the "Fields of Specialization." If a field is not contained in this list, please list the field and the percent of effort.

4. **Degree goal:** Enter the name of the highest level degree toward which you expect to work while on your proposed fellowship tenure. For example, if two years of your fellowship tenure are spent in earning a master's degree and one year of your tenure on a PhD program, list the PhD as your ultimate degree goal.

5. **Educational institution chosen:** Select carefully the institution you wish to attend. List only one. **You need not have been accepted at your chosen institution before listing its name on this form.** If, after submitting the application, you decide to change the institution you wish to attend, notify ORAU immediately in writing. Also list your chosen department within the institution.

6. **Location of institution:** Include the city and state or country. Do not abbreviate.

7. **Proposed starting date of fellowship:** Recipients may begin fellowship tenure in the summer of 1997 but must begin tenure no later than the beginning of the 1997 fall term. For the date, use the "mm/yy" format.

8. **Colleges or universities attended:** Starting with the current or most recent college/university (including its location), indicate the beginning and ending date attending, degree awarded or expected and date, and the major field of study. For dates, use the "mm/yy" format.

9. **Current enrollment:** If currently enrolled in a college/university, indicate whether full-time or part-time. Also indicate the level whether undergraduate, graduate, or postbaccalaureate. If you are not currently enrolled, indicate your present occupation or profession.

10. This question refers to graduate study in all fields of science, ma thematics, and engineering.

11. This question refers to all advanced degrees earned in a field supported by the NSF since October 1, 1986.

12. Indicate any earned medical degree such as MD, DDS, or DVM.

APPLICATION FORM INSTRUCTIONS (continued)

13. Refers to enrollment in a five-year joint baccalaureate-master's degree program.

14. **Information regarding the GRE test(s)** you took or plan to take will facilitate reporting of your scores by ETS for purposes of evaluation in this program. (See GRE Information Sheet.) Indicate whether you have or have not taken the GRE General Test and indicate the date on which you took or plan to take the test. Indicate whether you have or have not taken a GRE Subject Test, provide the name of the test and the date on which you took or plan to take the test. For the dates, use the "mm/yy" format.

15. **Number of graduate hours you have completed since receipt of your last bachelor's degree:** List the institution and number of graduate hours (including course work, research, seminars, and independent study) completed since October 1, 1986. Include only work supported by this program. **Read carefully the "Eligibility" section in the *Program Announcement* before answering this question**. For the dates, use the "mm/yy" format.

16. **Individuals chosen to submit Reference Reports:** Choose faculty members, scientists, or engineers whose knowledge of your academic and/or professional experience and ability is current. NSF suggests that at least two should be persons with whom you have worked in your present (or most recent) department. It is desirable to have the consent of each referee before his or her name is entered on the application. Inform each referee that you will give him or her an NSF *Reference Report Form* to complete. Reference Reports must be received at ORAU no later than December 12, 1996.

17. **Language knowledge:** What is your native tongue?

18. **List other languages**, and indicate your reading, speaking, understanding and writing knowledge of each.

19. **List all fellowships**, scholarships, teaching and other positions relevant to your field held since entering college/university. Begin with the most recent position/scholarship.

20. **List all academic honors** you have received relevant to your major field of study.

21. **Relate the objectives of your educational program** to your long-range goals. In what ways are your educational goals relevant to your professional goals? Attach an additional sheet if necessary. Be sure to include your name and Social Security Number if you attach an additional sheet.

22. **Describe any educational and personal experience** you consider relevant to the objectives and goals previously stated in your educational program and to your *Proposed Plan of Study or Research*. Include volunteer and extracurricular activities and work experience you consider applicable. Attach an additional sheet if necessary. Again, include your name and Social Security Number if you attach an additional sheet.

NSF Graduate Research Fellowships

APPLICATION FORM

Deadline for filing: November 7, 1996

_____

_____
FOR ORAU/NSF USE ONLY

READ INSTRUCTIONS BEFORE COMPLETING THIS FORM. PLEASE TYPE OR PRINT. USE BLACK INK.

Name: _____ _____ _____ _____
last first middle Jr,II,etc

1. Proposed major field of specialization: _____

2. Specialized field(s) within major field: _____ _____
code number specialized field

3. If your graduate program is multidisciplinary, list the fields which comprise the program:

   Primary field: _____ ___% of program.

   Other field(s): _____ ___%; _____ ___%; _____ ___%

4. What is the highest level degree toward which you expect to work while on your fellowship tenure?

   _____ in _____
   degree field

5. Educational institution chosen: _____ Department: _____

6. Location of institution: _____ _____
   city state or country

7. Proposed starting date of fellowship: ____/____ (mm/yy)

8. Colleges or universities attended and their location:
   (current or most recent enrollment first)

	Dates attended from (mm/yy)	to (mm/yy)	Degree(s) awarded/ expected	Date(s) of degree (mm/yy)	Major Field (abbr.)
	/	/		/	
	/	/		/	
	/	/		/	
	/	/		/	
	/	/		/	
	/	/		/	

9. Are you currently enrolled in an educational institution? _____yes _____no

   If yes: _____Full time or _____Part time

   If yes: _____Undergraduate _____Graduate _____Unclassified postbaccalaureate

   If no, state your present occupation: _____

10. Have you completed, after October 1, 1986, more than 20 semester hours or 30 quarter hours (or their equivalent) of graduate study (course work, research, seminars, and independent study) in fields supported by this program?
    _____yes _____no

11. Have you earned, after October 1, 1986, an advanced degree in science, mathematics, engineering or other fields supported by this program? _____yes _____no

12. Have you earned any medical degree, such as the MD, DDS, or DVM? _____yes _____no

DO NOT FOLD APPLICATION MATERIALS

NSF Graduate Research Fellowships

APPLICATION FORM

Deadline for filing: November 7, 1996

FOR ORAU/NSF USE ONLY

READ INSTRUCTIONS BEFORE COMPLETING THIS FORM. PLEASE TYPE OR PRINT. USE BLACK INK.

Name: _____ _____ _____ _____
last first middle Jr,II,etc

13. Are you in a five-year joint baccalaureate-master's degree program? _____yes _____no

14. Have you taken or do you plan to take the GRE General Test? _____yes _____no Date: ____/____(mm/yy)

    Have you taken or do you plan to take a GRE Subject Test? ____yes ____no Date: ____/____ (mm/yy) Field: _____

15. Have you completed any graduate study? _____ yes _____no

    If yes:

Institution	Department	Dates Attended from (mm/yy)	to (mm/yy)	Graduate Hrs. Earned Sem.	Qtr.
		/	/		
		/	/		
		/	/		
		/	/		
		/	/		

16. Names and institutional or organizational affiliations of four individuals submitting Reference Reports:

Last Name	First Name	MI	Institution/Organization

17. What is your primary language? _____

18. Enter other language(s) and indicate your knowledge of each by placing an "X" in the proper space:

Language	Reading Exc	Reading Good	Reading Fair	Speaking Exc	Speaking Good	Speaking Fair	Understanding Exc	Understanding Good	Understanding Fair	Writing Exc	Writing Good	Writing Fair

19. List all fellowships, scholarships, teaching, and other positions relevant to your field held since entering college/university (most recent first).

Title/Position	Institution/Organization	Date (mm/yy)
		/
		/
		/
		/

20. Academic Honors: _____

DO NOT FOLD APPLICATION MATERIALS

APPLICATION FORM

Deadline for filing: November 7, 1996

FOR ORAU/NSF USE ONLY

READ INSTRUCTIONS BEFORE COMPLETING THIS FORM. PLEASE TYPE OR PRINT. USE BLACK INK.

Name: _____ _____ _____ _____
last first middle Jr,II,etc

21. In a concise statement, relate the objectives of your educational program to your long-range professional goals. **Do not use the same statement in your *Proposed Plan of Study or Research*.**

22. Describe any educational and personal experience that you consider relevant to the objectives and goals stated above and to your *Proposed Plan of Study or Research*. Include in your statement: participation in relevant volunteer and extracurricular activities; professional and work experience or work-training experience; any other significant accomplishments and background information. Use an extra sheet of paper if necessary. **(Note that any scientific research activities, including experience in undergraduate research participation programs and student-originated studies programs, should be described on the *Previous Research Experience Form*.)**

By submission of this application, I hereby certify that I am a United States citizen or national or a permanent resident alien legally admitted to the United States and that the information I have provided on the Fellowship application is correct to the best of my knowledge. I authorize Oak Ridge Associated Universities to request and the Educational Testing Service to report all of my Graduate Record Examinations scores from the GRE data base from tests administered since October 1, 1991.

Return to: NSF Graduate Research Fellowship Program
Oak Ridge Associated Universities
P.O. Box 3010
Oak Ridge, Tennessee 37831-3010

Special messenger or courier address:
NSF Graduate Research Fellowship Program, ORAU
702 S. Illinois Avenue, Suite B-102
Oak Ridge, Tennessee 37830 Telephone: (423) 241-4300

DO NOT FOLD APPLICATION MATERIALS

NSF Graduate Research Fellowships

PROPOSED PLAN OF STUDY OR RESEARCH FORM

Deadline for filing: November 7, 1996

Please type single spaced using no smaller than 10-point type size.

FOR ORAU/NSF USE ONLY

Name: _____ _____ _____ _____
last first middle Jr,II,etc

In no more than two pages, describe your proposed plan of study or research for the period covered by this fellowship. A listing of courses without a written statement is not sufficient. It is important to present the plan with a clear hypothesis and/or questions to be asked by the research. If you have not yet formulated a plan of study or research, state how you expect your program of study to further your educational objectives. Be as specific as possible. Indicate the general kinds of problems that interest you, and explain why as thoughtfully as you can. The statement you present below should be reflective of your ability to think independently and creatively, and to write about your research or study plans accurately, thoughtfully, and concisely. Reminder: There is a two-page maximum.

Return to NSF Graduate Research Fellowship Program, Oak Ridge Associated Universities,
P.O. Box 3010, Oak Ridge, Tennessee 37831-3010

NSF Form 306, August 1996
Form Approved OMB No. 3145-0023

NSF Graduate Research Fellowships

PREVIOUS RESEARCH EXPERIENCE FORM

Deadline for Filing: November 7, 1996

Please type single spaced using no smaller than 10-point type size.

FOR ORAU/NSF USE ONLY

Name: _____ _____ _____ _____
last first middle Jr,II,etc

In no more than two pages, describe any scientific research activities in which you have participated, such as experience in undergraduate research participation programs or student-originated studies programs, research experience gained through summer or part-time employment or in work-study programs, or other research activities, either academic or job-related. Do not simply list project titles, but explain the rationale for your work and indicate your own specific role in the research. To what extent was your research independently performed? In your statement, distinguish between undergraduate and graduate research experience. If you have had no direct research experience, describe any activities that you believe have prepared you to undertake research. At the end of your statement, list any publications and/or presentations made at national and/or regional professional meetings. Reminder: There is a two-page maximum.

Return to NSF Graduate Research Fellowship Program, Oak Ridge Associated Universities,
P.O. Box 3010, Oak Ridge, Tennessee 37831-3010

NSF Form 1259, August 1996
Form Approved OMB No. 3145-0023

NSF Graduate Research Fellowships

COURSE REPORT FORM

Deadline for filing: November 7, 1996

_____
FOR ORAU/NSF USE ONLY

BEFORE FILLING OUT THIS FORM, READ CAREFULLY THE COURSE REPORT DIRECTIONS IN THE GENERAL INSTRUCTIONS.

Name: _____ _____ _____ _____
last first middle Jr,II,etc

This sheet reports: ____Undergraduate Courses ____Unclassified Postbaccalaureate Courses ____Graduate Courses

_____ Sheet No. _____ of _____ sheets
Educational Institution (College or University)

Year & Term	Course Catalog Number & Descriptive Course Title	Name of Department	Sem Hrs	Qtr Hrs	Course Grade

Return to NSF Graduate Research Fellowship Program, Oak Ridge Associated Universities,
P.O. Box 3010, Oak Ridge, Tennessee 37831-3010

NSF Form 310, August 1996
Form Approved OMB No. 3145-0023

NSF Graduate Research Fellowships

UNDERGRADUATE GPA FORM

Postmark date: November 7, 1996

Please type or print clearly.

_____
FOR ORAU/NSF USE ONLY

To the Applicant:

Please enter your name, address, and the information regarding your bachelor's degree in the space provided below. Mail or give this form to the Registrar of the college or university from which you received, or expect to receive, your bachelor's degree with a request that the completed form be mailed/delivered directly to you in a sealed envelope. The completed *Undergraduate GPA Form*, postmarked by November 7, 1996, should be submited to ORAU with Official Academic Transcripts.

Name: _____ _____ _____ _____
last first middle Jr, II, etc

Former Name: _____

Mailing Address: _____ _____
street apt. #

_____ _____ _____
city state zip code

Bachelor's Degree: _____ _____ _____
(e.g., BA, BS, etc) field date awarded/expected (mm/dd/yy)

I authorize release of my undergraduate Grade Point Average. _____
Applicant's Signature

To the Registrar:

The student named above has applied for a National Science Foundation Graduate Research Fellowship. The information requested below will be important in evaluating his/her application. The information you supply will be used and disclosed only in connection with the selection of NSF Fellows and the administration of NSF Fellowships, and will not be disclosed for any other purpose.

Please complete and sign this form and mail or deliver it in a sealed envelope **directly to the applicant at the address above**. If your institution's policy does not permit release of such information to students, please mail the completed *Undergraduate GPA Form* to: NSF Graduate Research Fellowship Program, Oak Ridge Associated Universities, P.O. Box 3010, Oak Ridge, Tennessee 37831-3010. The applicant should meet a November 7, 1996 postmark date.

His/her cumulative **undergraduate Grade Point Average** was _____ prior to fall 1996.

The maximum possible Grade Point Average is _____.

The minimum Grade Point Average for graduation is _____.

Registrar: If your university cannot provide the information requested, please check here. _____

_____
Name of Registrar (typed or printed) Seal and Signature of Registrar

_____
Name of Institution Date

To the Registrar:
When you have completed and signed this form, please return it to the applicant at his/her address as provided above.

NSF Form 314, August 1996
Form Approved OMB No. 3145-0023

NSF Graduate Research Fellowships

TRANSCRIPT REQUEST FORM

Postmark date: November 7, 1996

To the applicant: Please fill in blanks below; submit to Registrar **with request that transcript be mailed/delivered directly to you in a sealed envelope**. The transcript should be postmarked no later than November 7, 1996.

Name: _____ _____ _____ _____
last first middle Jr, II, etc

Former Name: _____

Mailing Address: _____ _____
street apt. #

_____ _____ _____
city state zip code

Field of Study as stated in the application: _____

To the Registrar: The individual named above has applied to the National Science Foundation Graduate Research Fellowship Program. Official academic transcripts are requested as part of the fellowship application. The applicant's transcript should be mailed/delivered in a sealed envelope **directly to the applicant at the address above**. If your institution's policy does not permit release of official transcripts to students, please mail transcript by November 7, 1996 to:

NSF Graduate Research Fellowship Program
Oak Ridge Associated Universities
P.O. Box 3010
Oak Ridge, Tennessee 37831-3010

DO NOT SUBMIT MORE THAN ONE COPY OF THE SAME TRANSCRIPT

NSF Form 316, August 1996
Form Approved OMB No 3145-0023

NSF Graduate Research Fellowships

REFERENCE REPORT FORM

Receipt date: December 12, 1996

FOR ORAU/NSF USE ONLY

Name of Applicant: _____ _____ _____ ____
last first middle Jr, II, etc

Name of Respondent: _____
last first middle

Title: _____ Department: _____ Institution: _____

1. ACQUAINTANCE WITH APPLICANT:

I have known the applicant for a period of _____ years and/or _____ months.

I have known the applicant as ____ an undergraduate ____ a graduate student ____ a research assistant
____ a teaching assistant ____ other (specify) _____

I have served as the applicant's ____ research adviser ____ teacher in several classes ____ department chair
____ major adviser ____ teacher in only one class ____ other (specify) _____

2. APPLICANT'S SCHOLARLY CHARACTERISTICS:

Please rate the applicant in comparison with other students whom you have known in similar stages of their academic careers by placing an "X" on one of the lines.

	Truly Exceptional (Top 1%)	Outstanding (Top 5%)	Excellent (Top 10%)	Very Good (Top 25%)	Satisfactory (Top 50%)	Below Average (Lower 50%)	No Basis for Judgment
Knowledge in chosen field							
Motivation and perseverance toward educational goals							
Ability to work independently							
Ability to work as a member of a research team							
Ability to plan and conduct research							
Ability in:							
Oral expression							
Written expression							
Imagination and probable creativity							

3. APPLICANT'S OVERALL SCIENTIFIC ABILITY:

Please indicate the strength of your overall endorsement of this applicant for an NSF Graduate Research Fellowship by placing an
"X" on one of the lines.

Truly Exceptional (Top 1%)	Outstanding (Top 5%)	Excellent (Top 10%)	Very Good (Top 25%)	Satisfactory (Top 50%)	Below Average (Lower 50%)	No Basis for Judgment
1	2	3	4	5	6	7

NSF Form 299, August 1996
Form Approved OMB No. 3145-0023

NSF Graduate Research Fellowships

REFERENCE REPORT FORM

Receipt date: December 12, 1996

_____

_____
FOR ORAU/NSF USE ONLY

Name of Applicant: _____ _____ _____ _____
last first middle Jr, II, etc

Name of Respondent: _____
last first middle

Title: _____ Department: _____ Institution: _____

Comment specifically on the applicant's strengths and limitations for graduate study in his/her field. Descriptions of significant accomplishments, contributions, and any qualities related to scholarly achievement are particularly helpful. An amplification of your answers to questions 2 and 3 will also be helpful. Several paragraphs regarding this applicant's ability will be more informative than one or two sentences.

IMPORTANT - CONFIDENTIALITY: The respondent should place an "X" beside one of the following two statements as applicable. If "A" is marked, the Foundation will hold your comments in confidence so as not to reveal your identity as the author of these comments, but warns that failure to mark "A" may result in a requirement to provide these comments to the applicant under the Privacy Act of 1974.

_____ A. My preparation of the Reference Report is conditioned on the promise of the Foundation to hold my identity as the author of these comments in confidence.

_____ B. My preparation of this Reference Report is *not* conditioned on the promise of the Foundation to hold my comments in confidence.

Return to: NSF Graduate Research Fellowship Program
Oak Ridge Associated Universities
P.O. Box 3010
Oak Ridge, Tennessee 37831-3010

Special messenger or courier address:
NSF Graduate Research Fellowship Program, ORAU
702 S. Illinois Avenue, Suite B-102
Oak Ridge, Tennessee 37830
Telephone: (423) 241-4300

NSF Form 299, August 1996
Form Approved OMB No. 3145-0023

GRE INFORMATION FOR 1997 NSF GRADUATE RESEARCH FELLOWSHIP APPLICANTS

Scores from the Graduate Record Examinations (GRE), administered by the Educational Testing Service (ETS), are a highly important part of the fellowship application; an application reviewed without GRE scores is at a disadvantage in the evaluation process. All NSF Graduate Research Fellowship applicants are expected to take the GRE General Test. In addition, all applicants should take the GRE Subject Test in the science or engineering field most closely related to their chosen area of graduate study. However, if there is not a Subject Test related to the chosen area of graduate study, an applicant may take a Subject Test in the field of his/her undergraduate major. If no Subject Test score will be submitted, the applicant should write a letter of justification which will be placed in the applicant's file. This letter should be on a separate sheet of paper and submitted with the NSF *Application Form*.

GRE Test Date Scheduled for NSF Graduate Research Fellowship Applicants: December 14, 1996. If you have not taken the tests since October 1, 1991, or wish to take them again, you should register for the tests to be given on December 14, 1996. Scores from tests taken later than December 14 are unlikely to be available for evaluation panel use. If you have taken the tests on or after October 1, 1991, you need not take them again unless you so desire. Under ETS policy, all of your other scores in the GRE data base from tests administered since October 1, 1991 will be reported to Oak Ridge Associated Universities (ORAU) with the December 14 scores.

Deadline for Receipt of GRE Registration Form at ETS: November 8, 1996. Registration forms received after this date will not be accepted by ETS. Registration forms should be mailed well in advance of November 8 to ensure timely receipt at ETS and to ensure available seating at the desired test center. ETS will not guarantee seating for the General Test. Print the letters "NSF" conspicuously in the lower left corner of the front of your GRE registration envelope.

How to Obtain GRE Information Bulletins and Test Registration Forms: You are responsible for obtaining your own GRE Information Bulletin and Registration Form either on your campus, or directly from the Educational Testing Service, P.O. Box 6000, Princeton, New Jersey 08541-6000, telephone (609) 771-7670, fax (609) 771-7906. Complete test instructions are given in the Information Bulletin.

Payment of Test Fees: NSF will pay test fees for NSF Graduate Research Fellowship applicants who register for the December 14, 1996 paper-and-pencil GRE test administration, provided that the applicant has met the ETS registration deadline for the December 14 test (see above). However, the following condition is imposed on the reporting of December 14, 1996 GRE scores when the test fee is paid by NSF: Prior to June 1, 1997 these scores will be reported only to Oak Ridge Associated Universities for the NSF Graduate Research Fellowship Program, to the fellowship applicant, and to the applicant's undergraduate institution. Exception: If you are an applicant in the NSF Graduate Research Fellowship Program and an applicant in the Hughes Predoctoral Fellowship Program, your GRE scores will be reported to both programs and the test fees shared by the National Science Foundation and the Howard Hughes Medical Institute. In either case, if you want to have your December 14 GRE scores sent elsewhere (e.g., graduate institutions and other fellowship programs) before June 1, 1997, you must pay ETS the appropriate test fees. NSF payment of GRE test fees may be requested by completing the NSF *GRE Candidate Identification Form* and submitting it to ETS with the GRE Registration Form, as described above.

Reporting of GRE Scores: All NSF Graduate Research Fellowship applicant scores from tests administered between October 1, 1991 and December 14, 1996 in the ETS data base will be reported directly to ORAU, provided that the applicant has given the same name, date of birth, and Social Security Number on the fellowship *Information Form* as on the GRE Registration Form. Applicants need not request score reports from ETS. In cases where an applicant for an NSF Fellowship has registered for the GRE using a different name, date of birth, or Social Security Number, the applicant should notify ORAU in writing at the time of submission of the fellowship application. Note: Scores from certain test administrations (other than the December 14 test) held on or after December 14, 1996, e.g., the Computer Based test or programs such as DANTES, may not be reported directly to ORAU unless the applicant who takes the GRE at such an administration submits a written notification to ORAU, giving the test date and location, as well as the name, date of birth, and Social Security Number given on the GRE Registration Form for the test. See the GRE Information Bulletin for further information on reportable scores from tests held prior to October 1, 1991.

NSF *GRE Candidate Identification Form*: This form is provided with the NSF Graduate Research Fellowship Application, and is to be used only when registering for the December 14, 1996 paper-and-pencil GRE. Use the form if you are requesting that NSF pay your test fees (see above). Enclose the form with your GRE Registration Form in the return envelope provided in the GRE Information Bulletin. **Do not send the NSF *GRE Candidate Identification Form* to Oak Ridge Associated Universities.**

NSF Graduate Research Fellowships

GRE CANDIDATE IDENTIFICATION FORM - 1997

Use this form only if you wish to have NSF pay registration fees for the December 14, 1996 General and/or Subject GRE paper-and-pencil test.

The NSF will pay GRE test fees for NSF Graduate Research Fellowship candidates who register for the December 14, 1996 paper-and-pencil GRE test administration, provided that the GRE Registration Form meets the ETS deadline. However, the following condition is imposed on the reporting of December 14 GRE scores when the test fee is paid by NSF: Prior to June 1, 1997, these scores will be reported only to Oak Ridge Associated Universities (ORAU) for the NSF Graduate Research Fellowship Program, the fellowship candidate, and to the candidate's undergraduate institution. Exception: If you are an applicant in the NSF Graduate Research Fellowship Program and the Howard Hughes Medical Institute Predoctoral Fellowship Program, GRE scores will be reported to both programs, and the test fees will be shared by the National Science Foundation and the Howard Hughes Medical Institute. In either case, if you want to have your December 14 scores sent elsewhere (e.g., graduate institutions and other fellowship programs) before June 1, 1997, you must pay ETS the appropriate test fees. Under ETS policy, all of your other scores in the GRE data base from tests administered since October 1, 1991 will be reported to ORAU with the December 14 scores.

If you wish to have NSF pay your GRE registration fee(s), send this form to the Educational Testing Service (ETS) with your GRE Registration Form for the December 14, 1996 GRE Tests. Follow the instructions below.

1. After filling out the GRE Registration Form, print "NSF" conspicuously in the lower left corner of the front of the GRE registration envelope.

2. Enclose the GRE Registration Form and this NSF *GRE Candidate Identification Form* in the GRE registration envelope.

3. Mail the envelope to ETS in sufficient time to meet the ETS deadline. Deadline for GRE Registration Form at ETS: November 8, 1996. Note that this is a receipt deadline; ETS will not accept Registration Forms received later than November 8, 1996.

See the *Program Announcement* and the GRE Information Sheet for further details about the GRE.

Name:_____ _____ _____ _____
last first middle Jr, II, etc

Former Name: _____

Address: _____ _____
street apt. #

_____ _____ _____
city state zip code

_____I request that NSF pay my test fee for the December 14, 1996 GRE General Test.

_____I request that NSF pay my test fee for the December 14, 1996 GRE Subject Test in _____

I have read and agree to the above conditions concerning the reporting of my GRE scores .

Signature_____ Date:_____

Mail this form along with the GRE Registration Form to:
Educational Testing Service
P.O. Box 6000
Princeton, NJ 08541-6000