

STUDENT APPLICATION

COMPLETING THE FELLOWSHIP APPLICATION FORM

The fellowship application contains several sections. It is important that you fill out the sections accurately.

Student Data Section

*All of the following components are **REQUIRED** for a complete application:*

- X **College/University and School Residence** - complete these sections for the school that you are currently attending. Write "N/A" (not applicable) if you are not currently enrolled in a college or university. If your permanent address is the same as your school address write "same" on the permanent address line.

- X **Telephone Number** - a telephone number is requested for both your school and permanent residence. Please make sure that the telephone numbers listed are current. ORISE should be notified if your telephone number changes after your application is submitted.

- X **Educational Information** - list all the universities that you have attended. If you are currently enrolled in a graduate program, be sure to include it and your anticipated graduation date. **Transcripts should be provided for each university listed.** If you are already in graduate school, the undergraduate transcripts should clearly indicate completion of an undergraduate degree.

- X **GPA** - if university grading scale is other than 4.0 (for example, 5.0 or 6.0) please compute to 4.0.

- X **GRE** - list GRE scores if available at the time of application. GRE scores are **required** for a complete application. However, an official copy is still needed for the application file. Applicants should designate Oak Ridge Institute for Science and Education as a score report recipient, code number 1590, department number 00. **Because of testing schedules and deadlines, applicants are advised to seek GRE testing information early.** The generally scheduled test dates in October and December are acceptable; however, test scores from the February date will not be received in time for the application review.

- X **Participating University Choices** - select two university choices from the list of participating universities contained in this booklet. Whenever possible, a fellowship participant will be offered an appointment at the first choice university. Occasionally, however, the fellowship appointment may be offered at the second choice university. If an applicant's university preferences change after the application is submitted, ORISE must be notified immediately.

Note: Selecting universities on the FES application is in no way related to completing an application for entrance to a graduate program at a specific university.

Current and Planned Courses

List current academic year courses as well as planned courses for next year. For example, a graduating senior would list, in the first half of the table, all of the courses taken during the senior year. In the bottom half of the table, the courses planned for the first year of graduate school would be listed. If you do not know what courses you will take during your first year of graduate school, you should contact the coordinator at your first choice university to obtain a listing.

Statement of Career and Academic Goals and Objectives

Do not exceed more than one sheet for your career statement.

References

Three reference forms are enclosed. Please remember that references must be returned to ORISE by the application deadline.

Applications for Other Programs

ORISE administers many other programs for the Department of Energy. Due to the large number of applications received, we can no longer make copies of an applicant's material in one applicant file for use in another program file. **If applying to more than one program, an applicant must submit separate application materials for each program. This includes transcripts and reference forms. Only GRE scores will be copied for the files.** While this represents a change in policy from previous years, it provides more control to the applicant in ensuring that each application file is complete for each program.

Note: All parts of the application (including GRE scores) must be received at Oak Ridge Institute for Science and Education by the last Monday in January. Late or incomplete applications will not be reviewed for awards.

**FUSION ENERGY SCIENCES
GRADUATE FELLOWSHIP PROGRAM**

NOTIFICATION OF INTENT TO APPLY

Please fax or mail this notification form to the address below as soon as possible after receiving this application form. Receipt of this form will alert the FES Graduate Fellowship Office to expect an application from you. (NOTE: You may also e-mail the information requested to the FES Graduate Fellowship Office at the e-mail address listed below).

The FES Graduate Fellowship Office will place your notification on file and will contact you if your application is not complete by January 30, 2006.

NAME: _____
First M.I. Last Ext.

Please contact me regarding questions on my application at the following:

ADDRESS: _____
Street Address City State Zip

PHONE: _____ **FAX (if available):** _____

E-MAIL: _____

*Please determine which component of the FES Fellowship Program you will be applying to by placing a check in the appropriate space provided below:

Fusion Science or **Fusion Technology**

Return this form to:

**Debbie Alcorn
FES Fellowship Program
Oak Ridge Institute for Science and Education
120 Badger Avenue, MS 36
Oak Ridge, TN 37831-0117**

**Phone: (865) 576-3428
Fax: (865) 241-5219
E-mail: alcornd@ornl.gov**

FES APPLICATION CHECKSHEET

This checklist is provided to assist applicants in accurately completing the application.

	/
The application form is either typed or printed neatly in black ink.	
I have provided an address at which I may be reached after the completion of the Spring 2006 semester (page 1).	
If a Permanent Resident Alien, a copy of my Alien Registration Card (both sides) is attached (page 1).	
I have requested transcripts to be sent to ORISE from each college or university I have attended (page 2).	
The undergraduate cumulative GPA I listed is a GPA from ALL undergraduate universities I have attended (page 2).	
The graduate cumulative GPA I listed is a GPA from ALL graduate universities I have attended (page 2.)	
I have or will soon be taking the Graduate Record Examination (page 2) which is required for this application.	
I have defined my first- and second-choice universities. I have labeled my first choice with a 1 and my second choice with a 2 in the left hand space. I have also listed the proposed academic discipline and specific topic of interest for my first-and second-choice universities (page 3).	
I understand that I must notify ORISE IMMEDIATELY if I wish to change my first- and second-choice universities. I also understand that once my application has been reviewed, I may not change my preferences (page 3).	
I have listed 3 individuals in the references section of the application and I have given those individuals the reference forms to fill out and return to ORISE. I understand that if these reference forms are not received by ORISE by the application deadline, my application will be considered incomplete and I will not be considered for a fellowship award (page 4).	
I have included page 6 in my application packet even if I have not attended graduate school. I have marked the page with N/A if I have not yet taken graduate courses.	
I have computed the overall GPA for all science, math and engineering courses and have included it at the bottom of pages 5 and 6.	
I have filled out the Planned Courses section of the application with all planned courses for the 2006-2007 academic year (page 7). THIS IS MANDATORY FOR A COMPLETE APPLICATION.	
I understand the purpose of the fellowship program and have written my statement of career goals accordingly. On my statement I have included my signature (page 8).	
I do not have to submit the Applicant Data Sheet, but I understand that this information will not be given to those who will be evaluating my application and the information I provide will help ORISE assess their effectiveness in distributing application to a diverse population.	
I have included the FES Fellowship Survey Form in my application packet.	

**U.S. Department of Energy
Fusion Energy Sciences Fellowship Program
Fellowship Application**

Instructions: Refer to the current fellowship program description before completing the application. Please note the deadlines for the receipt of application materials by Oak Ridge Institute for Science and Education (ORISE). *Type or print all information clearly.*

The following application components are REQUIRED:

1. Fellowship Application Form
2. Current Official Transcript(s) from each university attended and Course Sheets
Note: Transcript(s) must be mailed by the university to the address listed. If the applicant has already received a degree, the transcript should show evidence of the completion of the degree program.
3. Statement of Career and Academic Goals and Objectives
4. Three (3) Reference Forms. Have forms completed by faculty members and mailed directly to the address below. To return a reference form with the application packet, the applicant should have the person providing the reference place the form in an envelope, seal it and sign across the seal.
5. Graduate Record Examination (GRE) Scores. **No application will be reviewed without official GRE scores.** Have the Educational Testing Service send your GRE general aptitude scores directly to the address below. Seek GRE information promptly to ensure timely receipt of test results.

Please make sure that you have completed all parts of the application, including your signature where requested. **Keep a copy of this application and supporting materials for your files.**

Deadline - January 30, 2006

All information must be submitted by the application deadline. It is the applicant's responsibility to check with the Oak Ridge Institute for Science and Education, FES office regarding the completeness of the application file. Incomplete applications will not be reviewed. **Any changes to the university preferences must be communicated to ORISE immediately.**

Applications for Other Programs

ORISE administers many programs for the Department of Energy. **If applying for more than one program, an applicant must submit separate application materials for each program. This includes transcripts and reference forms. Only GRE scores will be copied for files.**

Return the completed application and any correspondence to:

**Fusion Energy Sciences Fellowship Program
Oak Ridge Institute for Science and Education
Attention: Debbie Alcorn
P.O. Box 117, MS 36
Oak Ridge, Tennessee 37831-0117**

**Telephone: (865) 576-3428
Fax: (865) 241-5219
E-mail: alcorn@d@ornl.gov**

Application information will be used solely for the purpose of selecting fellows and administering the program. Disclosure of this information is made subject to Public Law 93-579 (the Privacy Act of 1974) and U.S. Department of Energy Regulations as published in the Federal Register on September 30, 1977, ff.

APPLICANT DATA

Applicant data is important in assessing the effectiveness of our efforts to solicit applications from a diverse population. Your completion and submission of this form will assist use in this regard, however, your failure to do so will not affect our decision regarding your application. We appreciate your cooperation:

RACE

- Caucasian (*Having origins in any one of the original peoples of Europe, North Africa, or the Middle East*)
- African American (*Having origins in any of the Black peoples of Africa*)
- Hispanic (*Of Mexican, Puerto Rican, Cuban, Central/South American or other Spanish culture of origin, regardless of race*)
- American Indian (*Having origins in any of the original peoples of North America, and maintaining cultural identification through tribal affiliation or community recognition*)
- Asian or Pacific Islander (*Having origins in any of the original peoples of the Far East, Southeast Asia, the Indian Subcontinent, or the Pacific Island - for example, India, China, Japan, Koreas, Philippine Islands, and Samona*)

SEX Female Male

BIRTHDATE

Month/Day/Year

Physical/Mental handicap (*physical or mental impairment that substantially limits one or more major life activities - for example, blindness, deafness, or mobility impairment*): Yes No

**U.S. DEPARTMENT OF ENERGY
FUSION ENERGY SCIENCES FELLOWSHIP PROGRAM
STUDENT APPLICATION**

STUDENT DATA (Please type or print using black ink)

Name _____
(First) (Middle) (Last) (Ext)

Social Security Number _____

Current Academic Status:

Undergraduate Student

Graduate Student

Baccalaureate Recipient Not Currently Enrolled

Other

Number of Years of Graduate studies (all disciplines and years) that will be completed by September 1, 2006

(Graduate Students who will have progressed beyond the end of their second year of graduate school studies by September 1, 2006 are not eligible to apply).

COLLEGE/UNIVERSITY _____

Department _____ Major _____

City _____ State _____ Zip _____ Phone _____

SCHOOL RESIDENCE

City _____ State _____ Zip _____ Phone _____

Address effective through: _____

After this date, all correspondence will be sent to the permanent address listed below unless otherwise requested.

PERMANENT ADDRESS

City _____ State _____ Zip _____ Phone _____

FAX NUMBER: _____

E-MAIL: _____

CITIZENSHIP

U.S. Citizen: Yes No If no, are you a Permanent Resident Alien: Yes No

If PRA, Country _____ PRA Number _____

Country of Birth _____ Port of Entry _____

Attach copy of Alien Registration Receipt Card (both sides)

DEGREE PROGRAM

Ph.D. degree expected (date) _____

DISCIPLINE AREA: (choose one) Fusion Technology _____ Fusion Science _____

EDUCATION

List Technical Schools, Universities/Colleges. Begin with most current institution. Please submit transcripts from each institution listed below.

Undergraduate Institution(s)

INSTITUTION	DATES ATTENDED	MAJOR	DEGREE RECEIVED/EXPECTED	MONTH/YEAR	GPA

Graduate Institution(s)

INSTITUTION	DATES ATTENDED	MAJOR	DEGREE RECEIVED/EXPECTED	MONTH/YEAR	GPA

GRADE POINT AVERAGE

List the **cumulative** undergraduate and graduate GPAs for all institutions listed above. Use 4.0 scale to compute (A=4, B=3, C=2, D=1). If your institution uses a different grading scale other than 4.0 (for example, 5.0 or 6.0) recompute to 4.0. Please round to two decimal places (for example: 3.55 or 3.90).

Undergraduate Cumulative GPA _____ (Include all institutions attended)

Graduate Cumulative GPA _____ (Include all institutions attended)

GRADUATE RECORD EXAMINATION (REQUIRED)

Verification of these scores is required. (Note: Official Graduate Examination (GRE) Scores must be sent directly by the Educational Testing Service to ORISE/Fusion Energy Sciences Fellowship Program. ORISE's Institution Code is 1590, Dept. 00). The GRE is required for all applicants.

GRE TEST RESULTS

TEST TAKEN/TO BE TAKEN (DATE)

EXAMINATION	SCORE	PERCENT (%)
Verbal		
Quantitative		
Analytical		

Have you taken or passed the first set of competency graduate exams in your discipline that is required at your academic institution [] Yes; [] No. If yes, please list the name of this exam and the date you passed it.

[] Taken; [] Passed

Name of Exam _____ Date Passed _____

PARTICIPATING UNIVERSITY

Place a 1 beside the university of your first choice and a 2 beside the university of your second choice. Notice that there are designated schools for the fusion technology component and designated schools for the fusion science component of the FES Fellowship Program. *If, after submitting this application, you change your preferred university, please notify ORISE immediately. Failure to do so will jeopardize your award status.*

FUSION TECHNOLOGY	FUSION SCIENCE
<input type="checkbox"/> University of California - Berkeley <input type="checkbox"/> Georgia Institute of Technology <input type="checkbox"/> University of Illinois <input type="checkbox"/> Massachusetts Institute of Technology <input type="checkbox"/> University of Michigan <input type="checkbox"/> University of Wisconsin-Madison	<input type="checkbox"/> Auburn University <input type="checkbox"/> California Institute of Technology <input type="checkbox"/> University of California-Berkeley <input type="checkbox"/> University of California-Irvine <input type="checkbox"/> University of California-Los Angeles <input type="checkbox"/> University of California-San Diego <input type="checkbox"/> Columbia University <input type="checkbox"/> University of Maryland <input type="checkbox"/> Massachusetts Institute of Technology <input type="checkbox"/> Princeton University <input type="checkbox"/> Rensselaer Polytechnic Institute <input type="checkbox"/> University of Texas-Austin <input type="checkbox"/> West Virginia University <input type="checkbox"/> University of Washington <input type="checkbox"/> University of Wisconsin-Madison

List your academic discipline and topic of interest for your first- and second-choice universities.

FIRST UNIVERSITY CHOICE ACADEMIC DISCIPLINE	FIRST UNIVERSITY CHOICE TOPIC OF INTEREST
SECOND UNIVERSITY CHOICE ACADEMIC DISCIPLINE	SECOND UNIVERSITY CHOICE TOPIC OF INTEREST

EXTRACURRICULAR ACTIVITIES

Include technical societies and service organizations (*include offices held*)

ACADEMIC AWARDS AND HONORS

Include undergraduate and graduate honors (*if applicable*).

UNDERGRADUATE/ GRADUATE HONORS	UNDERGRADUATE OR GRADUATE	BRIEF DESCRIPTION

PUBLICATIONS AND PRESENTATIONS

List below all of your publications and presentations. If a presentation, list if it was oral or a poster.

TITLE	DATE	CONFERENCE/JOURNAL	POSTER OR ORAL

EMPLOYMENT RECORD

Begin with current or most recent employment.

EMPLOYER/JOB TITLE	FROM/TO	MAJOR AREAS OF RESPONSIBILITY

REFERENCES

List three persons familiar with your academic preparation and your technical capabilities. Please have these individuals transmit the attached reference forms directly to ORISE. A reference may be returned with the student application packet if it is placed in a sealed envelope with the reference's signature across the seal.

1.
2.
3.

CURRENT AND PLANNED COURSES

COURSES FOR THE CURRENT ACADEMIC YEAR (List all courses to be taken during the 2005-2006 school year.)

If you are not currently enrolled in school and all of your completed courses are listed on the transcript submitted with this application then the Current Courses section does not apply (indicate N/A).

University: _____

COURSE NAME Example: General Plasma Physics I	STATUS CP = COMPLETED C = CURRENT P = PLANNED	HOURS

THIS SECTION IS REQUIRED.

PLANNED COURSES FOR THE NEXT ACADEMIC YEAR (List all courses to be taken during the 2006-2007 school year.)

In this section, you should list courses totaling 18-24 hours of full-time study. If you are not currently enrolled in graduate school, it may be necessary for you to contact your first choice university to obtain the required first year courses. Please type or print clearly.

University: _____

COURSE NAME	COURSE NUMBER	HOURS

STATEMENT OF CAREER AND ACADEMIC GOALS AND OBJECTIVES

Submit a brief summary of your academic and career plans (**limit this summary to one typed page**). Indicate the relationship between these plans and the objectives of the fellowship program. For additional information, visit the Office of Fusion Energy Sciences web site at <http://www.foe.er.doe.gov/>. This statement should specifically address your interest and plans for pursuing research in fusion science or fusion technology.

If you are a 2nd year graduate student, please include a very clear description of any research you undertook in the first year of graduate school.

THIS STATEMENT IS VITAL TO THE OVERALL EVALUATION OF YOUR APPLICATION.

Signature _____

Date _____

My signature acknowledges that I am aware that this program is supported by funding from the United States Government, and therefore is subject to Federal law regarding false statements and fraud, particularly the criminal provisions of 18 U.S. code Section 1001. I certify, under the penalty of law, that the original submitted student application contains no false, fictitious or fraudulent representations, statements or entries.

Reference Form

Applicant (Please type or use black ink)

Last Name	First Middle
How long and in what association have you known the applicant?	

In a group of 100 other science, engineering and math students of comparable age and experience, how would you rate the applicant with respect to the following PERSONAL CHARACTERISTICS?

	Below Average	Average	Above Average	Outstanding	Superior	Inadequate Observation
<i>Motivation Toward a Productive Career</i>						
<i>Growth During Total Period Observed</i>						
<i>Imagination and Originality of Thought</i>						
<i>Emotional Maturity and Stability</i>						
<i>Ability to Work with Others</i>						
<i>Independence and Self-Reliance</i>						
<i>Leadership Potential</i>						

In a group of 100 other science, engineering and math students of comparable age and experience, how would you rate the applicant with respect to the following SCIENTIFIC CAPABILITIES?

	Below Average	Average	Above Average	Outstanding	Superior	Inadequate Observation
<i>Mastery of Fundamental Knowledge in Field</i>						
<i>Skill/Originality of Research Project Design</i>						
<i>Laboratory Skill and Technique</i>						
<i>Ability to Communicate (Written/Oral)</i>						

Add any descriptive comments that will assist in providing a complete picture of the applicant's character, attitude, abilities, and potential for research. Please comment on both the applicant's weak and strong points. Use additional sheets if necessary.

COMMENTS:	
Signature:	Date:
Typed/Printed Name:	Title:
Address:	Phone:

Reference Form

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COMMENTS:	
Signature:	Date:
Typed/Printed Name:	Title:
Address:	Phone:

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Add any descriptive comments that will assist in providing a complete picture of the applicant's character, attitude, abilities, and potential for research. Please comment on both the applicant's weak and strong points. Use additional sheets if necessary.

COMMENTS:	
Signature:	Date:
Typed/Printed Name:	Title:
Address:	Phone:

RETURN TO: Fusion Energy Sciences Fellowship Program, Oak Ridge Institute for Science and Education, 120 Badger Avenue, MS 36, Oak Ridge, Tennessee 37831-0117, Attention: Debbie Alcorn; Phone: (865) 576-3428; Fax: (865) 241-5219

FES FELLOWSHIP SURVEY FORM

Dear Applicant:

Please complete this form and return it with your fellowship application. The information that you provide will allow us to target our advertising more effectively. This information is confidential and is **not** used in review of the fellowship application.

1. How did you find out about the program?

Bulletin Board Announcement

Advertising in Journal (list name of journal)

Word of Mouth
from faculty student administrator

Laboratory Staff

Campus Recruitment

Institutional Announcement

Campus Newspaper

Conference or Meeting (list name of meeting)

Internet Site (please list name of site)

Other (please list) _____

2. Have you applied for other fellowship programs? Yes No
If yes, please check the source below:

From ORISE (names of fellowships)

From other sources

University-Sponsored (names of fellowships)

Other (NSF, DOD, etc.)
