

**Plasma Science and Fusion Energy Institute  
for High School Physics Teachers  
July 17 - 28, 2000**

**APPLICATION FORM**

(attach additional paper to this form, as needed)

**Deadline: April 30, 2000**

|  |             |  |  |
|--|-------------|--|--|
| <b>PERSONAL INFORMATION</b>  |             |  |  |
| <b>Name</b>  | <b>SS #</b> |  |  |
| <div style="display: flex; justify-content: space-between;"><div style="width: 45%;"><b>Home Address:</b></div><div style="width: 45%;"><b>P h o n e</b></div></div><br><div style="display: flex; justify-content: space-between;"><div style="width: 45%;"><b>Email</b></div><div style="width: 45%;"></div></div> |             |  |  |

|   |  |
|---|--|
| <b>TEACHING INFORMATION</b>   |  |
| <b>School Name &amp; Address: (where presently teaching)</b><br><br><div style="text-align: right; margin-top: 100px;"><b>School Phone</b><br/>(       )</div><br><b>Principal's Name</b> |  |

|  |                                  |              |                   |
|--|----------------------------------|--------------|-------------------|
| <b>EDUCATIONAL INFORMATION</b>   |                                  |              |                   |
| List in reverse chronological order the colleges/universities attended where a formal degree was earned. |                                  |              |                   |
| <b>University</b>  | <b>Highest<br/>Degree Earned</b> | <b>Major</b> | <b>Award Date</b> |
|  |                                  |              |                   |

**1. EDUCATIONAL EXPERIENCE:**

- A. List undergraduate science/math/technology courses taken. You may substitute a transcript for this listing if more convenient.
- B. List graduate science/math/technology courses taken. You may substitute a transcript for this listing if more convenient.

**2. PROFESSIONAL EXPERIENCE:**

- A. Number of years you have taught science/math/technology classes (include the sum of part-time teaching assignments).

1) Teaching assignments this year:

| Course Title | Grade Level |
|--------------|-------------|
| _____        | _____       |
| _____        | _____       |
| _____        | _____       |

2) Anticipated teaching assignments next year (if different from above):

| Course Title | Grade Level |
|--------------|-------------|
| _____        | _____       |
| _____        | _____       |
| _____        | _____       |

- B. How have you advanced your professional development (e.g., workshops, institutes, conferences, research experience) during the last 3 to 5 years?

C. Describe your leadership activities, contributions to science, math or technology education (in-class or out of class), or other outstanding accomplishments during the last 3 to 5 years.

D. List any relevant publications that you may have.

E. Briefly describe your teaching philosophy. Include how your teaching is innovative and describe your goals when teaching. Include a sample lesson, if available.

### 3. EQUIPMENT EXPERIENCE:

A. List scientific or electronic equipment experience and the extent of this experience. Have you ever worked with high voltage power supplies? Other electrical equipment? Vacuum pumps? Optics/Spectrometers? Lasers?

B. List computer hardware and software experience, your level of proficiency and length of experience.

4. Do you use the Internet with your students? How? Do you use email regularly?

5. How did you learn about the Institute? (Please check)

\_\_\_ Announcement in The Physics Teacher

\_\_\_ Directory of Science Training Programs for Teachers and Students

\_\_\_ Through the state Department of Education, school district, school administration.

\_\_\_ Other (Please be specific) \_\_\_\_\_

### APPLICANT CERTIFICATION

I certify that the information contained herein is true, complete, and correct, and that I plan to return to the classroom as a teacher for the following school year.

Signature of Applicant \_\_\_\_\_ Date \_\_\_\_\_

Please return the application by April 30, 2000 to: Andrew Post-Zwicker, Science Education Program, Princeton Plasma Physics Laboratory, P.O. Box 451, Princeton, New Jersey 08543

## ENDORSEMENT BY SCHOOL PRINCIPAL

(Certification must be made by school principal or other authorized official, with title)

I have read the Plasma Science and Fusion Energy Institute program announcement and I am pleased to approve this application. I will support and encourage this applicant, if appointed, to deliver inservice workshops and share the workshop experience with colleagues at regional and national conferences.

Applicant's Name \_\_\_\_\_

Endorser's Name (print) \_\_\_\_\_

Signature \_\_\_\_\_

Title \_\_\_\_\_

School Address \_\_\_\_\_

Please return this form to:

Andrew Post-Zwicker  
Science Education Program  
Princeton Plasma Physics Laboratory  
P.O. Box 451  
Princeton, New Jersey 08543