

**APPLICATION FORM
H. Dudley Wright Fellowship
for Innovative Science Education**

Name of Applicant _____

Grade Levels Taught _____

Disciplines _____

Number of Years of Science Teaching _____

Hours per Week in Science Teaching _____

School _____

Address _____

School Telephone _____

Fax _____

Home Address _____

Home Telephone _____

E-mail _____

Signature of Applicant

Name of School Head _____

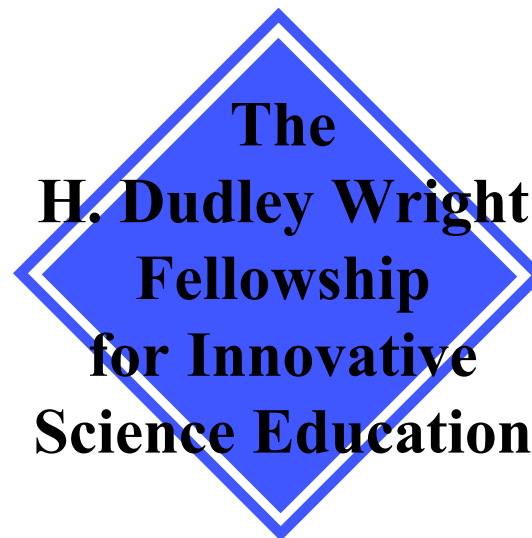
Signature of School Head



Fondation H. Dudley Wright

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Science and Technology Center
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Application Brochure



Tufts University

Applications

With funding mainly from the Fondation H. Dudley Wright of Geneva, Switzerland, Tufts University maintains the Wright Center for Innovative Science Education as part of its Graduate School of Arts and Sciences. Each year the Center awards one-year Fellowships, which provide support for study and professional advancement to teachers of grades 6-12. The Fellowships are awarded to pre-college teachers whose significant innovations in their school's science curriculum have improved their students' understanding of science.

Each Wright Fellow receives a stipend of \$45,000 in addition to a sum of up to \$500 to be used for books and travel, and a contribution of up to \$2000 toward transportation/relocation costs. Faculty and health benefits are also included. Fellows will be employed at the Arts and Sciences campus of Tufts University in Medford, Massachusetts, typically from September through July.

Eligibility

Applicants for the award must be full-time science teachers, at the middle school and/or high school level, who have had a minimum of five years of science teaching experience.

Those teachers not meeting this eligibility requirement, or those teachers willing work at the Wright Center for periods shorter than a full year, should consider the Teacher/Scholar ("Mini-Fellowship") program.

Application packages must include a completed application form (overleaf) bearing appropriate signatures as well as the following:

- ◆ A two-page curriculum vita listing the applicant's teaching experience, professional activities, formal and continuing education.
- ◆ A five-page, typed and double-spaced essay, detailing the science education innovations that the applicant has introduced to the classroom, including evidence of increased student understanding. This should include any local, state or national contributions. Of particular interest are activities that enhance a student's conceptual understanding, skills, and attitudes, that employ unique means to make science interesting, interdisciplinary, integrated, and hands-on.
- ◆ A two-page proposal outlining the applicant's goals and objectives during the fellowship year. Include a paragraph noting how the fellowship will enhance the applicant's personal and professional goals and aspiration.
- ◆ Four letters of support from colleagues, present or former students and/or their parents, administrators, or other members of the school community.

Please be sure to send all materials together in a complete package, including application form and supporting materials, postmarked by February 1. Fellowship awards will be made on March 1.

Duties of the Fellow

The major activities of the Wright Fellows will be to develop further their innovative approaches to science and science teaching and to disseminate their expertise to other teachers.

Fellows will have the opportunity to audit courses offered by the Arts and Sciences faculty in mathematics, natural science, and engineering as well as related areas such as history, humanities, and the philosophy of science. They will be introduced to the work of the Center for Science and Mathematics Teaching, the Teacher Resource Room, and the Science Visualization Laboratory. The Fellows will be encouraged to participate in the many collaborative programs of the Wright Center, including associations with the Museum of Science in Boston, the Smithsonian Institution in the Cambridge, the Space Grant Consortium at MIT, the Science and Technology Center at Tufts, the Department of Education and the Eliot-Pearson Department of Child Development at Tufts, and the Foundation for the Future in Seattle.

Most Fellows lead seminars and conduct workshops describing the innovative curricula they have developed. They interact with faculty and other Fellows visiting the Center and they have a functional duty, amounting to about 20% of their time and well matched to their professional interests.