

**Research Corporation  
Arizona Partners In Science Program Application**

**MENTOR APPLICATION FORM** (pages 1 - 3) **High School Teacher Candidate Statement** (pages 4 - 5)

<b>PRINCIPAL INVESTIGATOR (Mentor):</b>		<b>PHONE:</b>	
<b>ACADEMIC RANK and DEPARTMENT:</b>		<b>FAX:</b>	
		<b>E-MAIL:</b>	
<b>INSTITUTION and ADDRESS:</b>			
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<b>HIGH SCHOOL TEACHER:</b>			
<b>HIGH SCHOOL: (Include city, state)</b>			
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<b>TITLE OF PROPOSED RESEARCH</b> (Must not exceed 150 characters.):			
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<b>ABSTRACT</b> (A brief description of the research project, in 100 words or less, intelligible to the non-expert; spell out contractions, acronyms, and chemical symbols.):			
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<b>SIGNATURES:</b>			
	<b>PRINCIPAL INVESTIGATOR</b>	<b>AUTHORIZED INSTITUTIONAL REPRESENTATIVE</b>	
Name:		Name:	
Signature:		Position:	
Date:		Signature:	

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**RESEARCH PLAN** (Describe the research project [question to be addressed or hypothesis to be tested], its importance and appropriateness. If different, outline the specific research project or sub-project that the high school teacher will be doing. Be sure to address the activity of the teacher in each of the two 8- to 10-week summer sessions. Assuming that the research is successful, in what journal(s) will you seek publication? Add pages directly after this page if more are needed, up to a maximum of two additional pages.) [*Please note: The focus on this project is intended to provide the teacher with experience as a researcher. Therefore supervision of students and curriculum development are discouraged and outside the scope of this program.*]:

SAMPLE

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**TEACHER INTERACTION** (Please give details about the size and makeup of the research group with which the high school teacher will interact. With whom will the teacher work most closely? To the extent possible, suggest the direction that future interactions or collaborations might take.):

**PARTNERSHIP BENEFITS** (Suggest direct or indirect ways that the high school and mentor's research or college science programs might be strengthened by this partnership.):

**BUDGET:** \$15,000 (fixed amount) [See Program description for budget details.]

It is the Trust policy in this program, as in others, to disallow the use of Trust monies for "overhead" or "indirect" costs.

**CURRENT (and pending) FUNDING** (List ALL of the PI's funding, not simply for this project. Give title, agency, amount, and dates. Identify pending applications with an asterisk [\*].):

**ATTACH MENTOR'S CURRICULUM VITAE** *The complete packet should be submitted by the mentor's institution.*

(A completed application includes: (1) mentor application form, (2) high school teacher candidate statement, (3) mentor curriculum vitae, (4) high school teacher resume', and (5) Letter of Recommendation from the high school teacher's principal or department head and required attachments)

**M. J. MURDOCK CHARITABLE TRUST**  
**Partners In Science Program Application**  
**HIGH SCHOOL TEACHER CANDIDATE STATEMENT** (pages 4 - 5)  
Mentor Application Form (pages 1 - 3)

<b>TEACHER:</b>		<b>HIGH SCHOOL NAME:</b> Circle one: Public or Non-public	
<b>HOME ADDRESS:</b>		<b>HIGH SCHOOL ADDRESS:</b>	
<b>HOME PHONE:</b> (best time to be reached) <b>E-MAIL:</b> (high school and home)		<b>HIGH SCHOOL PHONE:</b> (best time to be reached) <b>FAX:</b>	
<b>DEPARTMENT HEAD:</b>		<b>HIGH SCHOOL PRINCIPAL:</b>  <b>SUPERINTENDENT &amp; SCHOOL DISTRICT:</b>	

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**COLLEGE OR UNIVERSITY MENTOR AND RESEARCH SITE** (if not within commuting distance from home, explain how you will manage to work full time at the research site during the two summers):

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**WHERE DID YOU LEARN ABOUT "PARTNERS IN SCIENCE?"**

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**EDUCATION** (List majors and degrees, advanced/upper level science courses taken, summer institutes/workshops, previous research experiences, including dates and institutions for all entries.):

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**TEACHING EXPERIENCE** List all teaching experience starting with most recent, including dates, school names, teaching assignments, and grade levels (A resume' should be attached.):

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**Mentor Application Form** (pages 1 - 3)

Discuss any previous experience, education, or interests that make you a particularly good candidate for a Research Partnership. Include areas of science that you find particularly interesting.

How do you anticipate that this summer research experience will enhance your understanding of science and the research process and improve your teaching? How will you evaluate this summer experience?

Describe your school and science department program. (Include size of school, number of science teachers, curriculum innovations, use of science inquiry, number of science students, fraction who go on to college, fraction who major in the sciences in college, student socioeconomic backgrounds.)

Attach a letter of recommendation from your principal or department head; the letter of recommendation must include the following sentence over the signature of the Principal: "If the grant is awarded, the school will provide the one- to two-day substitute to support the teacher's attendance at each of the two national conferences."

*The complete packet should be submitted by the mentor's institution.* (A completed application includes: (1) mentor application form, (2) high school teacher candidate statement, (3) mentor curriculum vitae, (4) high school teacher resume, and (5) Letter of Recommendation from the high school teacher's principal or department head and the required attachments)