

## **Research Brief**

### **Funding Sources to Fund Positions and Personnel Sources at No Cost to the School**

**Question:** Programs where a university and school have a partnership appear to be funded through a variety of grants. There are numerous types of partnerships; some typical ones appear to be in science, technology, and early college experiences. The traditional model of the university person telling the school what is wrong and/or should be changed and expecting the school to be fixed, has not been effective. The successful programs appear to be those where the university instructors and classroom teachers work collaboratively and both learn from each other. If a school is interested in working with a university, the school should make contact with the college and together, brainstorm and explore options and programs.

#### **Major Findings and Conclusions:**

##### Examples of different partnerships:

1. Sciences
  - Science Fair: Research scientists and high-school teachers were connected together to develop an integrated science fair program at two high schools. Staff development for the teachers was part of the program, and the teachers worked with the university people on the standards the schools were expected to follow. The participants went on field trips to the university and on an oceanographic cruise. The students completed a research project that was presented at a poster session. The work of some students was chosen to be displayed at the county Science and Engineering Fair.
  - ESER program: This was a year long program with a goal to augment the biology curriculum to help increase the number of students who could be eligible to enter the university system upon high school graduation. The teachers attended two weeks of training during the summer and periodically during the remainder of the school year, which were led by scientists from the university. The teachers' students made presentations at a symposium held in the spring.
  - BOSS program: A program in biology for students to design and conduct experiments that enhance their classroom curriculum.
2. Technology
  - SPIRIT: Classroom teachers and school librarians planned trips to the university with members of the university's SPIRIT team where students had access to professors in the subject being studied and the use of state-of-the-art electronic resources.

Seattle Public Schools: Professors from community colleges and universities were partnered with public schools to help install and maintain computers, networks, and work directly with the students.

- Smart Tools Academy: A four day program for school leaders was sponsored and taught by professors on ways to sustain and enhance student achievement through the use of technology.
- The Association of Pacific Rim Universities: The purpose of this program was for universities and their high school partners to utilize long distance learning to enhance their own cultures and that of their international partners.

### 3. Early College Experiences

- Early Academic Outreach Program: This was a five-day residential experience for students on a college campus. Its purpose was to create a cadre of students who were knowledgeable about the requirements to get into college and pass that information along to their peers at their respective schools.
- Kids Around the University: Opportunities for students to visit college campuses and gain an awareness of the requirements to get into college were highlighted. A curriculum and a teacher training program have been developed.
- SAAGE: The university and partnership schools worked with high school sophomores who needed specific courses in order to be ready for admission to a university.

#### Potential grant opportunities:

**Grants to purchase personnel directly were not available, however, in some of the opportunities listed below, monies can be used to provide support teachers and the proposed program, through funding and perhaps by adding an additional position. Links to each are listed in the reference section.**

- Teachers As Scholars: Teachers attend seminars in humanities, social sciences, or science as a means for them to continue developing their own knowledge base. The university professors teach the courses, visit the schools, and work with the teachers to develop meaningfully engaging programs for students. The Woodrow Wilson National Fellowship Foundation sponsors this. It requires a letter of inquiry in order to acquire specific information.
- Teachers and Schools in the 21<sup>st</sup> Century: Developing technological literacy is the premise of this grant. Cable in the Classroom provides commercial free and cost free CNN Student news. This includes free cable connections, equipment, and teacher workshops. AOL Time Warner sponsors this. It requires a letter of inquiry in order to acquire specific information.

- Annenberg Foundation: Its purpose is to “advance the public well-being through improved communication.” It provides funding for large-scale changes. The foundation accepts letters of inquiry throughout the year.
- TIME: Toyota’s Investment in Mathematics Excellence: This grant has an emphasis on individual students and classrooms. It requires a project that will have an impact on students’ development in mathematics. The budget should not exceed \$10,000. Due date: January 7, 2004.
- Arthur Vinning Davis Foundations: Collaborations between schools and higher education are supported through this foundation. The emphasis is on professional development and/or addressing issues that are on the national level. The range of grants is from \$100,000 to \$150,000. No deadlines.
- GenCorp Foundation: There are different grants through this foundation. Some deal with parental involvement, development of literacy, school-to-work programs, teacher training and student achievement in mathematics and science. The range is \$1,000 - \$5,000. No deadlines.

## Online Resources:

### *Partnerships*

- Educational Partnerships  
An outreach program with a vocational school and business is highlighted on this site.  
[http://www.emc.com/about/corporate\\_philanthropy/ed\\_partnerships.jsp?openfolder=all](http://www.emc.com/about/corporate_philanthropy/ed_partnerships.jsp?openfolder=all)
- Educational Partnerships and Learning Technologies  
Numerous partnership programs that the University of Washington has with the public schools are described. It includes the Seattle Public Schools project, Smart Tools Academy, and The Association of Pacific Rim Universities.  
<http://www.washington.edu/eplt/techpartners.shtml>
- Educational Partnership Center  
Brief descriptions of the Early Academic Outreach Program, Kids Around the University, and SAAGE programs through UC Santa Cruz are explained.  
<http://epc.ucsc.edu/epcprog.html>
- School of Biological Sciences-Outreach Program University of California-Irvine

This is a more in-depth description of a university and public school partnership programs of: The Science Fair, ESER, and BOSS.

[http://www.bio.uci.edu/outreach/content\\_outreach.html](http://www.bio.uci.edu/outreach/content_outreach.html)

### ***Grant Possibilities***

- Annenberg Foundation  
The purpose of grants from this foundation is to support and encourage substantive and systemic change.  
<http://www.annenbergfoundation.org/>
- AOL Foundation  
There are several programs cited from developing literacy, to integrating technology, and CNN student news.  
<http://aoltime Warnerfoundation.org/whatwedo/whatwedo.html>
- Arthur Vinning Davis Foundations  
This foundation supports collaborations between public schools and higher education.  
<http://jvm.com/davis/PROGRAMS.HTM>
- Carnegie Corporation of New York-Education page  
An in-depth description of grants that have been awarded to support learning communities as part of urban school reform.  
<http://www.carnegie.org/sub/program/education.html>
- Council on Foundations: Community Foundation Locator  
This will assist in helping locate the specific grants and foundations that are available in each state.  
<http://www.cof.org/Locator/index.cfm?menuContainerID=34&crumb=2>
- EDInfo Mailing List  
This provides information on reports, grants and other initiatives from the U.S. Department of Education. The List Archive is searchable at  
<http://www.ed.gov/MailingLists/EDInfo/search.html> .
- GenCorp Foundation  
This foundation supports parent involvement, literacy, school-to-work programs, teacher training, and student achievement in math and science.

<http://www.educationpartnerships.org/>

[http://www.gencorp.com/pages/gcf\\_apply.html](http://www.gencorp.com/pages/gcf_apply.html)

- Grant Writing Tips  
This provides tips on how to write grants to give them a good chance at being funded. It also includes links to other sites that have additional grant writing tips as well as how to hire a grant writer.

<http://www.schoolgrants.org/tips.htm#Grant%20Writing%20Tips>

- Grants for Non-Profits  
This provides an extensive descriptive list of grants available for non-profit groups. An excellent beginning research site.

<http://www.lib.msu.edu/harris23/grants/2educat.htm>

- Guide to Education Programs  
This is a description of different educational grant programs.

<http://web99.ed.gov/GTEP/Program2.nsf>

- Scholastics' Grant and Funding Connection  
This is an extensive descriptive list of different grants and foundations. It is a good initial exploratory listing.

<http://teacher.scholastic.com/products/grants/corporate.htm>

- The Woodrow Wilson National Fellowship Foundation  
Teachers As Scholars  
A description of the TAS program, a collaborative partnership between classroom teachers and a university.

[http://www.woodrow.org/tas/tas\\_overview.html](http://www.woodrow.org/tas/tas_overview.html)

#### Collaboration Sites

This is a list of all the universities and schools that have participated in the TAS program.

[http://www.woodrow.org/tas/tas\\_collaborations.html](http://www.woodrow.org/tas/tas_collaborations.html)

- Toyota TIME 2004 Application Information  
This is a joint partnership between Toyota and the National Council of Teachers of Mathematics. Its purpose is to provide funding to enhance math education.

<http://www.educationpartnerships.org/>



<http://www.nctm.org/about/toyota/brochure.asp#guidelines>

- Wallace funds description of education grant recipients  
An exhaustive and descriptive list of institutions and schools that have received grants in the areas of leadership for educational achievement and ventures in leadership.

<http://www.wallacefunds.org/WF/GrantsPrograms/FocusAreasPrograms/EducationLeadership/>

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