

**For the Future of U.S.
Competitiveness in
Science & Technology**

".....Not one program of major agencies specifically targets the top 5 percent of students who have demonstrated academic excellence and have the greatest potential for becoming our inventors, creators and groundbreaking scientists."

— Joann P. DiGennaro, Esq.
President, Center for Excellence in Education
Washington Post, February 10, 2007



Sad but true: U.S. pupils continue to lag behind students of other nations in the crucial areas of science, math and engineering.

TJ was founded as a "first line of defense" in the then-emerging technological era.

Now, many view TJ as a "last line of defense" in a fiercely competitive global environment. But the school's technology and equipment don't match up against everyone's "great expectations."

Help us prepare some of America's best and brightest students for careers that will benefit all of us.

**BECOME A TJ
CORPORATE PARTNER TODAY!**

Gary Bottorff
Director of Corporate &
Community Relations
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Raytheon, proud supporters of TJ's Teknos, the Journal of Science, Mathematics, and Technology, receives a Tommy Award from Dr. Glazer.

JEFFERSON PARTNERSHIP FUND

- * 501(c)(3) public charity, est. 1999
- * Volunteer-driven fundraising support group aims to fill the "gap" between public funding and the cost of operating TJ's world-class educational and research curricula.
- * We manage relationships with corporate and foundation partners to provide lab equipment and supplies, and program support, including highly sophisticated technologies.
- * We fund student research initiatives and faculty CE and training programs that cannot be funded within TJ's budget.
- * We accept cash, stock, bequests, and in-kind gifts. We participate in United Way and CFC.

United Way designation code number-**8705**
CFC code number-**81947**

www.tjpartnershipfund.org

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**Thomas Jefferson High School
for Science & Technology**

*2007 Intel School of Distinction Finalist

**US News & World Report, Nov 07:*

#1 Public High School



**JEFFERSON
PARTNERSHIP
FUND**

**Giving to advance
educational excellence**

Meeting Great Expectations!



TJ Students Trey Repetski ('09) and William Yang ('08) capture \$380,000 worth of computers and related equipment from Sun Microsystems (Spring 08).

The Promise:

In 1985, local businesses and public school leaders created TJ with the expectation of continued private support.

The Model:

A Governor's Regional School that serves 5 counties and 2 cities. ALL students must complete an original senior research project.

The Mission:

"To provide students a challenging learning environment focused on math, science, and technology, to inspire joy at the prospect of discovery, and to foster a culture of innovation based on ethical behavior and the shared interests of humanity."

TJ Students Deliver!

National reputation of excellence

National Merit Scholarship Finalists (perennial national leader with **151** in Class of 2008)

Intel Science Talent Search (**1** Finalist, **10** Semi-Finalists in 2008)

Siemens Science Competition Awards (**6** Semi-Finalists, **1** Regional Finalist, & **1** National winner in 2007)

USA: Math Olympiad finalists, Physics Olympiad finalists, Chemistry Olympiad finalists, Biology Olympiad Finalists + *more*

Average SAT Scores (out of 800 possible):

Critical Reading: **722** Math: **749** Writing: **712**

But the Funding Gaps are Huge!

-Technology Labs need updated equipment for students to work on contemporary problems.

-Systems/labs need upgrading or replacement.

-Analytical equipment in many of our labs has not changed in 15 years.

-Labs must incorporate rapidly changing tools and materials in many areas.

-Emphasis on project work requires more consumables and broader range of equipment than found in high schools.

-State-of-the computer hardware and software needed to prepare students for mentorship programs with technology companies.



Strategic Corporate Partners

Partial List

Banner Engineering Corporation
Battelle
Boeing Matching Gifts Program
Catherine B. Reynolds Foundation
Computer Sciences Corporation
Cox Communications of Northern Virginia
Cray Inc.
Dominion Asset Finance Corporation
ECS Limited
Epstein Becker & Green, P.C.
Energy Systems Laboratory
Exxon Mobil
Fannie Mae
Freddie Mac Matching Gifts Program
Google
Group Systems Corporation
Ian Caldwell & Dustin Thomas
Industry Advisory Council
Integic Corporation
LanceSoft Inc.
Lockheed Martin Maritime Systems & Sensors
Marino Foundation
Microsoft Matching Gifts Program
Nomadic Display Inc.
Northrop Grumman Corporation
Orbital Sciences Corporation
Pfizer Inc.
Price Waterhouse Coopers
Raytheon Technical Services Company
Reinsch Pierce Family Foundation
SAIC
Sun Microsystems
The J.P. Morgan Chase Foundation
Thruport Technologies
Time Warner Matching Grant Program
US Dept of HHS – NIH
Vibration & Sound Solutions Limited

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