



# TJ Partners

Giving to Sustain Educational Excellence

## Are you giving to TJ?

We have

### GREAT EXPECTATIONS !

**As parents**, we have *great expectations* that TJ will deliver educational excellence.

**Students** — our children — have *great expectations* that TJ will prepare them for collegiate and career opportunities and help them meet worldly challenges.

**Colleges and universities** have *great expectations* that TJ grads will be well-prepared and top-notch.

Local **employers** have *great expectations* that TJ grads will help them thrive in a competitive marketplace.

### The TJ Partnership Fund Delivers

on these *Great Expectations!*

Research grants  
Lab equipment  
Faculty continuing education  
Mentorships, Internships  
Computers, Research Supplies  
Technologies of all types

**2005-2006 Year: \$450,000 +**

**2006-2007 Goal: \$550,000 +**

The Thomas Jefferson High School for Science and Technology Partnership Fund, Inc. is a 501(c)(3) organization of **volunteer parents, just like you**, who work together to raise funds to support research and educational excellence at TJ.

**In a competitive world, TJ must maintain its excellence if our students are to succeed in the future. Rapidly changing technologies outpace the flow of state and county funds.**

That takes giving.

The Fund gratefully accepts and manages **contributions of cash, grants, and in-kind gifts** from corporations, foundations, alumni, and parents for distribution to TJ programs by the principal.

To volunteer, contact  
Tom Goodwin, chair (703) 560-7875

**GIVE NOW!**

## \$100,000 Gift Builds Momentum for 06-07

The TJ Partnership Fund has delivered to TJ a **\$100,000 grant** from the **Catherine B. Reynolds Foundation**. The grant will dramatically enhance technology in the lecture hall, which TJ gratefully has named for the donor.

The **Catherine B. Reynolds Foundation Lecture Hall's** capacity will expand to host and effectively deliver programs internally, allow for broadcast television through-out the school and worldwide by video-streaming technology over the Internet.



TJ '07 parent and Jefferson Partnership Fund board member **Jim Condon** (far left) announced TJ's largest foundation gift during the TJ@20 Birthday Party. Also pictured are then-principal **Elizabeth V. Lodal**; **John J. McCauley**, TJ Parent '05 and the Fund's immediate past chairman; and FCPS School Board Chairman **Ilyong Moon**.

The Lecture Hall will gain video projection capabilities, including a custom lectern with laptop connectivity. In the second year, we'll have videoconferencing capabilities on the Internet. In the third year, TJ will acquire an ELMO Document Camera/ Custom Projector and software upgrades.

This gift helps **drive the acceleration of the TJ Partnership Fund's campaign to help maintain TJ's academic and research excellence**, student and faculty knowledge-sharing and outreach, faculty professional development, and "cutting-



# TJ Student Research Excellence is Advanced Through the TJ Partnership Fund

## 2006/2007 Board of Directors

**Thomas G. Goodwin**  
parent  
Chairman

**Fred Baerenz**, parent  
Treasurer

**Jean P. Stevens**, faculty  
Secretary

\***John J. McCauley**  
alumni parent  
Immediate Past Chairman

### Directors

\***Jay Briar**, TJ '94

**Nancy Carter**, parent

**Jim Condon**, parent

**Carolyn Cukierman**, parent

**Pat Gabriel**, faculty

\***Dr. Evan Glazer**, principal

**Dana R. Hamerschlag**, '94

**Pancho Kinney**, parent

**Alan Krishnan**, parent

**Barbara S. McDuffie**

**Frederic R. Miller**, parent

**Anitha Raj**, parent

**Ellen S. Ranard**, parent

\***Bernadette Saperstein**,  
parent; president, TJ PTSA

\**Ex Officio*

## 2006 CFC and UNITED WAY...

We have a NEW  
Agency Designation

#8705

## Health Care & Life Sciences Research

\$10,000 grant for TJ's first student research grant program, awarded by the **Epstein Becker & Green Fund**, featured competitively-awarded mini grants to 28 students for research projects in Biotechnology, Neuroscience, Oceanography and Chemical Analysis.

## "Moon Buggy Vehicle"

Materials and supplies provided by **Energy Systems Laboratory** supported a learning module, and student construction of a vehicle for participation in the May 2006 NASA Competition in Huntsville, Alabama.

## Data Visualization Research in the Computer Systems Lab

Forty (40) 17" Viewsonic Flat Panel Monitors for use in Information & Computational Sciences, were funded by a gift of \$5,000 from **Morino Foundation**, a gift of \$5,000 from **LanceSoft Inc.**, and the Partnership Fund's Science and Technology Research Labs Funds.

## Student Research in TJ's Chemical Analysis Lab

\$15,000 gift from **ExxonMobil** enabled the

acquisition of an Ultraviolet/Visible Spectrophotometer that is advancing student research in the Chemical Analysis Lab.

## 2006 TEKNOS

**Raytheon's** \$15,000 gift sponsored the publication of 2,200 copies of TJ's student research journal.

## Student and Faculty Participation at the 2005 I/ITSEC Conference

**SAIC and Computer Sciences Corporation** support enabled two TJ seniors and TJ faculty member Dale Hamby to participate in I/ITSEC's week-long conference in Orlando, Florida. Jefferson students showcased their research in the conference's Future Leaders Pavilion, and saw industry-sponsored computer simulation and modeling workshops.

## Sun Blade Servers

**Lockheed Martin Maritime Systems & Sensors** made an in-kind donation of four new Sun Microsystems "Sun Blade" servers that are now supporting mission critical services in the Computer Systems Lab.

## Why Give to TJ through the TJ Partnership Fund ?

*Because our efforts will leverage your support into big gains for TJ!*

Were TJ a private school, it would cost **tens of thousands of dollars a year in tuition**. And on top of that, the school would be asking us for even more \$\$ for an endowment!

Our high school is arguably the finest in the nation. TJ charges no tuition and has no endowment — except for the funds now being raised by the Partnership Fund. The dollars TJ re-

ceives from the Commonwealth and the County are insufficient to meet *great expectations* of excellence from TJ.

What TJ DOES have is an awesome faculty, astonishing students — and pressing needs to replace aging equipment and obsolete computers. TJ constantly is short of funds for the research, mentoring and internships that will build future success for our kids.

For a few years, the Partnership Fund was able to raise \$100,000 annually

through volunteer effort alone. But It wasn't enough.

So two years ago we took the big step of hiring a full-time professional to help us raise funds and identify TJ programs worthy of support. Since then, contributions have more than tripled! When money and gifts are leveraged through the Fund, we can give TJ so much more!

*Our goal for 06-07 is \$550,000!*

**Please join us.**

## You Can Help TJ Strive for Continued Excellence

### Mission Statement

**Thomas Jefferson High School  
for Science & Technology  
Partnership Fund, Inc.**

To maintain a self-sustaining fund to fulfill the ongoing needs of educational programs of TJHSST.



### 1. Give to TJ through the TJ Partnership Fund.

Through the TJ Partnership Fund, TJ accepts of cash, stocks, securities. TJ also is grateful for “in-kind” gifts;” that is, supplies, computers, lab equipment. The Fund develops grant proposals. There are several different categories of giving: for example, you can direct the Fund to spend your contribution in a certain way or you can let the TJ principal and senior faculty decide. More info on the web @ [www.tjpartnershipfund.org](http://www.tjpartnershipfund.org).

### 2. Refer us to your employer or someone else who will give.

Perhaps your employer operates a Foundation that would consider giving to TJ. Or perhaps you have a friend or relative who is interested in making a commitment to help future generations of students experience the educational excellence that defines TJ.

### 3. Volunteer – it’s free!

If you’d like to join the parent, teacher and alumni volunteers on the TJ Partnership Fund Board of Directors, just let us know (email Board Chair Tom Goodwin: [tom@steponecommunications.com](mailto:tom@steponecommunications.com)). The Fund also operates several committees made up of volunteers who just want to help TJ in any way they can (see page 4).

### Together We CAN Make a Difference

Is TJ worth \$5 a day to you?

If every TJ family contributed \$5 a day for each day of the school year to the Partnership Fund, almost **\$1 million** would be available to advance excellence at TJ.

### Give Now!

**TJ Partnership Fund**  
6560 Braddock Road  
Alexandria Virginia 22312

### The TJ Partnership Fund Sustains Educational Excellence at TJ

In addition to the grants received from corporate partners and foundations, the Fund made the following grants to TJ in 2006 from funds received from parents and alumni:

#### Student Research

Gas Chromatography Installation Support & Materials for the Chemical Analysis Lab  
Visual Range Spectrophotometers for Biology and Chemistry Classrooms  
Large Format Plotter/Printer to support the printing and publication of annual student research projects.

#### Advancing IBET

Eighteen (18) Nikon Digital Cameras for IBET  
Twenty-eight (28) Global Positioning Systems (GPS) Units for IBET  
Twelve (12) IBET Geographical Information Systems (GIS) Computers

#### Excellence in Mathematics and Computer Science

Sixteen (16) TI-89 Calculators for Multivariable Calculus, and Calculus classes  
Twenty-six (26) – 17” Flat Screen Monitors for Computer Science Classroom  
New Furniture for Computer Science Classroom

#### Faculty Professional Development

(see also list on page 4)

Funding for twenty (20) faculty and administrators to attend the Spring 2007 National Consortium for Specialty Secondary Schools in Mathematics, Science and Technology.

**Hail and Farewell!** The TJ Partnership Fund extends a warm welcome and best wishes to our new principal, **Dr. Evan Glazer**. Dr. Glazer will be an *ex officio* member of the Partnership Fund and will help guide our fundraising plans and goals.

We also send thanks and farewell to our retiring principal, **Elizabeth V. Lodal**, a great leader for TJ and a true champion of the TJ Partnership Fund; and to **Joan Ozdogan**, whose talents and dedication validated the imperative of professional assistance in generating the funds needed to maintain TJ’s standards of educational excellence. Joan laid the foundation for “serious” fundraising at TJ. She now is following her dream of working with students, at the Chantilly Academy at Chantilly HS, as Career Experience Specialist. *Good luck, Joan!*

**TJ Partnership Fund  
Parent Committee**

**Ellen S. Ranard**, Chair  
parent '07, '10,  
**Janet Kerr Tener**, Vice Chair  
parent '09  
**Bonnie Perman**  
parent '07  
**Nancy Carter**  
parent '07  
**Cora Yamamoto**  
parent '08  
**Diana Lem Chung**  
parent '08  
**Smita Trivedi**  
parent '08  
**Nancy Welch**  
Parent 08  
\* **Ernie Isenstadt**  
\* **Debbie Kilpatrick**  
\* **Alan Krishnan**  
\* **Robin D. Thurman**  
\* **Elaine Conner**  
\* Alumni Parents

**TJ Partnership Fund Committees Welcome Your  
Volunteer Support**

**Ellen S. Ranard, Chair, Parents Committee**  
**Carolyn Cukierman, Chair, Communications Committee**

The TJ Partnership Fund's Parents Committee understands that many of our most important and valuable charitable and philanthropic contributions originate from *TJ parents*! And our Communications Committee works hard to spread the word about TJ's needs and the Fund's contributions.

We encourage your participation as a volunteer in support of our efforts to leverage relationships that many TJ parents have with companies, organizations, and foundations that are (or should) be interested in helping to build future success on the excellence of the educational programs here. Please contribute to the Fund as a donor and/or as a volunteer: your kid will thank you!

Our committee members of parent volunteers understand that most TJ families want to contribute to TJ in some way. Talking together, working together, putting our heads together, we can create giving opportunities that will benefit our kids! We welcome parents from the Class of 2010 to serve as class representatives on the Parents Committee.

If you want to help TJ, please contact Ellen (Parents Committee) at [esranard@aol.com](mailto:esranard@aol.com) or Carolyn (Communications Committee) at [vccukierman@earthlink.net](mailto:vccukierman@earthlink.net).

**The TJ Partnership Fund Encourages  
Academic Excellence in Humanities**

**2006 Ethics Forum: PriceWaterhouseCoopers** paid for the transportation of 486 sophomores, faculty and chaperones to George Mason University for a day-long conference on ethics.

The **2006 Ian Caldwell & Dustin Thomas Faculty Grant for Excellence in Drama, Foreign Language and Humanities** was awarded to "Stone, Water & Water: Building a Dugout Canoe;" a Humanities I program involving 100 TJ students, beginning in September 2006.

The **TJ Student Planning Committee for the 2007 NCSSSMST Student Conference** to be hosted by TJ, participated in a day-long retreat at Hemlock Overlook Program at GMU.

**The Fund Invests in Faculty Professional Development**

Twenty TJHSST Faculty and administrators participated in the **2006 National Consortium for Specialty Secondary Schools for Science, Mathematics and Technology (NCSSSMST) Professional Conference**, March 15-18, 2006 in San Antonio, Texas.

**VideoTechnology and Communications Faculty Ed Montgomery** participated in a "Final CutPro4 Workshop" at James Madison University.

**In-House IBET Retreat on February 13, 2006** — All IBET faculty participated with a special guest lecturer from Tulane University on Louisiana's Wetlands and Katrina Devastation.

**9<sup>th</sup> Grade Teacher Adam Kemp** attended the **CubeSat Educational Conference**, April 27-29, 2006 in San Luis Obispo, CA in preparation for the launch of a new elective course in Systems Engineering and a CubeSat construction project at TJ in the 2006/2007 academic year with Orbital Sciences Corporation.

**9<sup>th</sup> Grade teacher Dennis McFaden** attended the **"Mapping Virginia Communities: An Introduction to GIS and Community Analysis Workshop"**, a one-day workshop on May 9, 2006 in Richmond, VA.

**In-Kind Donation of teacher desks, credenzas and office furniture** — **Lockheed Martin Corporation** donated 16 desks, 16 credenzas, three loveseats, and side chairs that are now placed in classrooms, offices and TJ's Admissions Office.

**TJ and the TJ Partnership Fund Thank:**

**Northrop Grumman** and **Dr. Paul Carlock**, Class of 2010 parent, for the **Northrop Grumman Space & Mission Systems'** gift, which will support the acquisition of a **CNC Plasma Cutter and Milling Machine** instrument.

**Contribute by Mail:**

**Thomas Jefferson Partnership Fund**  
6560 Braddock Road  
Alexandria, Virginia 22312

Or on the Web:

[www.tjpartnershipfund.org](http://www.tjpartnershipfund.org)