

TJ Partnership Fund

ANNUAL REPORT

2018



DEAR FRIENDS



As Chair of the Thomas Jefferson Partnership Fund (TJPF) Board, I am happy to report a very successful close to the Campaign for TJ in December 2017. This multi-year effort raised nearly \$9M for the school and our students, supporting the purchase of state-of-the-art equipment for TJ's senior research labs, installation of new turf fields for TJ's athletes, and sponsorship of innovative student research through events such as tjSTAR. While we remain committed to our Excellence mission and meeting the school's unique laboratory, technology, athletic and academic needs, we expanded our work this past year to include increased support to our Alumni mission and inclusion of a new mission area, K-12 STEM Outreach. This new mission area focuses on leveraging TJ's resources, labs, faculty, and students to engage and empower kids from our county's under-served communities to pursue STEM learning. I am grateful to the talented and hard-working Executive Director and her staff during

this transition to our new and enhanced mission areas and to our engaged and enthusiastic Board of Directors that includes 8 alumni and a number of parents! In our Annual Report, you will read many examples of the important work that the TJPF staff and Board have accomplished this past year. We could not have done all of this without the support of our TJ Principal and Administration, faculty and lab directors, parents, students, alumni, corporate partners, and elected officials. It is truly a Partnership!

Together in 2017-2018, we lent critical support to each of three mission areas.

EXCELLENCE:

- ✓ Supported various professional development opportunities for TJ faculty and staff
- ✓ Funded new network infrastructure to improve network up-time and stability for all TJ students and staff

ALUMNI ENGAGEMENT:

- ✓ Invested in a TJ-centric online platform to provide our alumni community with enhanced networking opportunities
- ✓ Coordinated student trips to New York City and San Francisco, giving TJ students the opportunity to network with alumni working in diverse companies

STEM OUTREACH:

- ✓ Sponsored outreach events including HackTJ and Techstravaganza to engage and excite more local students in STEM education
- ✓ Supported the LIFT Mentorship program, an outreach initiative that encourages talented middle-schoolers to pursue STEM opportunities

We invite you to be part of our community by following our Colonials twitter feeds (including the TJPF's @tjpartnership), signing up for our newsletters, volunteering at an event, connecting the Partnership Fund staff with interested corporate and community partners, and making a donation.

TJ Partnership Fund 2018-2019

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ABOUT

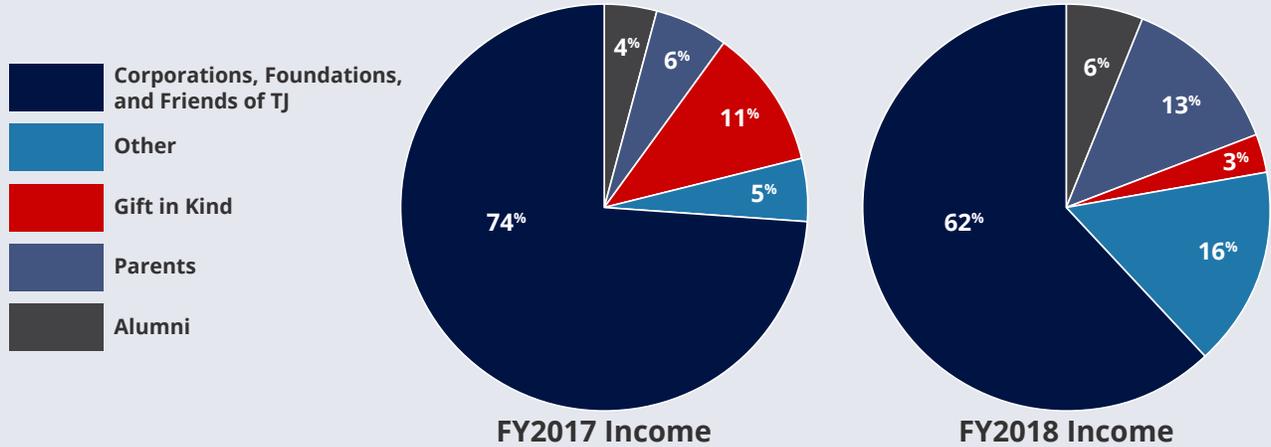
Founded in 1999, the Partnership Fund supports Thomas Jefferson High School for Science and Technology by raising funds to meet the school's unique needs as a leading STEM institution. In 2012, the PF began its ambitious Campaign for TJ, an intensive multi-year effort to fully renovate the TJ campus. With the support and generosity of its donors, the Campaign raised over \$8 million, monies that outfitted TJ's research labs with new technologies and advanced instrumentation; supported TJ's arts and humanities departments; aided student athletes; and promoted special programs and events to inspire innovation and collaboration. With the Campaign concluded, the PF is dedicated to ensuring its success endures. In FY18, we continued to prioritize academic excellence and to work with the administration to meet the school's ongoing needs. Beyond this, we strengthened our efforts in two additional focus areas in FY18. Committed to K-12 STEM outreach, we expanded our efforts to leverage TJ's exceptional faculty, laboratories, students, and experiences to engage and encourage young people in our community. We also strengthened our alumni engagement efforts, providing resources and support to better serve our TJ grads and supporting programs to build a stronger student-alumni network. As we enter FY19, we continue to prioritize academic excellence, K-12 STEM outreach, and alumni engagement.

MISSION STATEMENT

Simply, our mission is to support TJ and its students.

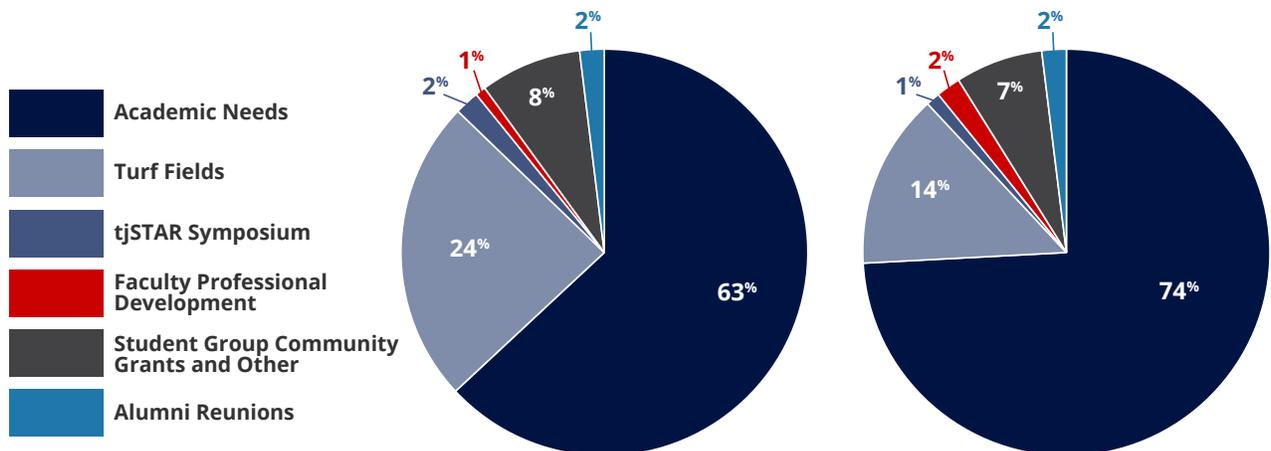
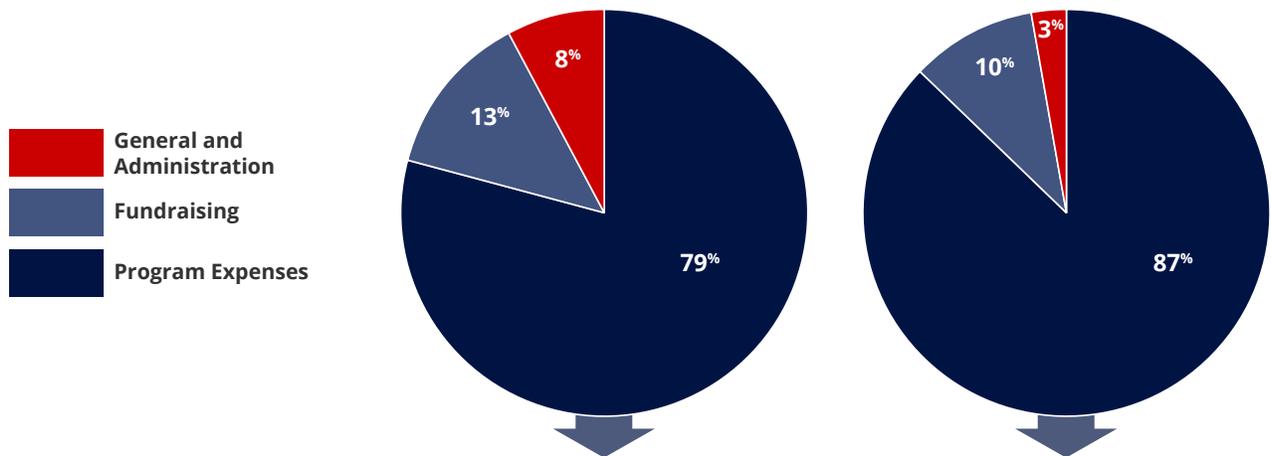
As a non-profit 501 (c)(3) charitable organization, we raise funds to support the unique learning and research opportunities available to TJ students while working to promote STEM outreach in the broader community and meaningfully engage our growing network of alumni. We pursue our mission by engaging in partnerships with, and soliciting private donations from, corporations, parents, alumni, and friends of TJ in the STEM community

FINANCIALS



FY 2017 Expenses
\$1,978,894.00

FY 2018 Expenses
\$1,812,766.00



FY 2017 CHANGE TO NET ASSETS

Change to Net Assets	\$1,194,573.00
Net Assets, Beginning of Year	\$2,039,488.00
Net Assets, End of Year	\$3,234,061.00

FY 2018 CHANGE TO NET ASSETS

Change to Net Assets	\$(879,171.00)
Net Assets, Beginning of Year	\$3,234,061.00
Net Assets, End of Year	\$2,354,890.00

FOCUS ON EXCELLENCE

Last year, we committed nearly \$1 million towards Excellence, granting monies for new technologies and advanced instrumentation and maintenance on specialized equipment purchased during the Campaign. We also lent support to initiatives that enable meaningful research and innovation, such as tjSTAR, and provided crucial funding for the arts and other programs that encourage pursuit of students' unique passions and interests. It remains our goal to support TJ's tradition of excellence by giving students the resources and support they need to succeed in the classroom and beyond.

Supporting the Arts

In FY18, we granted over \$100,000 to TJ's Band Program to replace front ensemble instruments used by TJ's Marching Band, Indoor Drumline, and percussion ensembles. While the acquisition of these new instruments and the conversion of the old into take-home practice instruments has directly benefitted those students who play them, the impact is farther-reaching. The Band's director cited the grant as having a "true impact on those ensembles," significantly enhancing the quality of student performances, while former TJ Marching Colonials drum major called the grant an "invaluable gift."

Making an Impact

- ✓ We granted \$197,000 for maintenance on advanced instrumentation to keep TJ on the cutting-edge of STEM education
- ✓ We covered 79% of the total cost of Professional Development opportunities, supporting nearly 30 staff and benefiting countless students
- ✓ We granted \$150,000 for turf field maintenance, benefitting over 500 student athletes each season



With a PF grant to help cover registration fees, the TJ Chess Team won its first National Championship

Encouraging Diverse Student Interests

With over 180 student clubs and activities, TJ encourages pursuit of diverse student interests. With options ranging from Science Olympiad to Poi, students can engage virtually any extra-curricular passion. In FY18, we granted funds to 28 student groups (all that applied). Though these grants typically fund small-dollar needs –i.e. competition travel, registration fees, conference set-up, etc.- they can have a big impact. With funding from the PF to help cover registration costs, TJ's Chess Team won its first National Championship, while *It's Academic*, TJ's Quizbowl team, placed first at the 2018 PACE National Scholastic Championship.

Funding Innovation

In FY18, we granted the TJ CubeSat team funds to help purchase needed parts to build a satellite and deliver it to NASA upon its completion. This nanosatellite- TJREVERB- is currently being constructed by TJ students and is expected to launch into Lower Earth Orbit this spring. While only a handful of secondary schools have the capabilities to build a satellite, TJ remains the only high school that has been twice accepted by NASA.



With PF funding, the CubeSat team was able to attend the 2018 SmallSat Conference in Utah.

FOCUS ON STEM OUTREACH

In FY18, we enhanced our focus on K-12 STEM outreach and committed to bringing STEM learning opportunities to the broader student community. Building on the success of the Campaign for TJ, we supported various outreach initiatives aimed at giving young learners- many from underprivileged and underrepresented groups- access to TJHSST's extraordinary resources, talented students, and exceptional faculty. These efforts directly impacted thousands of students across the northern Virginia region.

In FY18,
we approved **10**
grants, impacting
approximately 8,700
students.

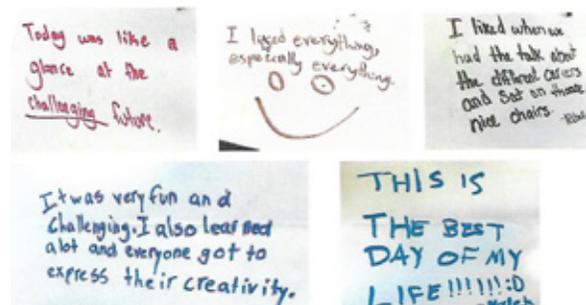
STEM Outreach Initiatives Making a Difference

Techstravaganza is an annual event whereby TJ students and faculty engage elementary- and middle-school youth in science and technology learning activities. Visitors learn from dozens of student-led demonstrations and can participate in hands-on STEM activity labs including favorites Banana DNA and Stomp Rockets. In FY18, we granted funds to support a new initiative to provide transportation for students from Title I schools, giving more students an opportunity to participate and helping Techstravaganza reach over **4000 visitors from 192 different schools.**



A new TJ student group, STEM Mayhem works with local Title I elementary schools to excite students about STEM learning and inspire pursuit of STEM education and careers. Through hands-on activities and experiments, STEM Mayhem not only makes STEM fun for young learners but encourages them to explore science and engineering interests. In FY18, we granted funds for purchase of supplies needed to conduct various experiments, enabling STEM Mayhem to **engage 14 local elementary schools, benefitting over 1,800 students.**

The Thinkabit Lab encourages elementary and middle-school students across Fairfax County to begin to think about career opportunities in STEM and related fields. The program introduces students to STEM-based educational paths and career options by engaging participants in fun hands-on science and engineering activities. In support of this initiative, we provided funding for transportation that enabled nearly **1,000 students from 22 high-need schools** to participate in the Thinkabit Lab.



FOCUS ON ALUMNI

Though alumni engagement is not a new focus for the PF, in FY18, we committed to strengthening our efforts in this area. After merging with the TJ Alumni Association last fall, we became the primary organization dedicated to serving TJ's growing alumni community. In FY18, we increased our support for local alumni events, hosted TJ grads at more regional events, and launched an online platform just for TJ alumni. Beyond these efforts, we worked to connect more students with alumni through internships and student networking trips.

Building an Online Community

In FY18, as part of our enhanced mission to better serve TJ alumni, we invested in an online platform to help TJ grads connect, interact, engage, and network with other members of the growing TJ alumni community. Through the 360Alumni portal, users can view and register for upcoming events (including class reunions), post to job boards, create groups around common interests, search for alumni in the region, donate to TJ campaigns, and otherwise share announcements and information. Since its June launch, over 1,500 alumni have registered on this platform.

Serving the Alumni Community

- ✓ Hosted over 10 alumni events, including happy hours and campus tours, with visits to NYC and San Francisco
- ✓ Launched a private TJ-centric alumni online community with over 1,500 TJ grads registered since June
- ✓ Supported Reunion planning for three class years, with over 300 alumni attending

Hosting Local and Regional Events

We hosted alumni and their families for Alumni Day, allowing many to see the newly-renovated TJ campus for the first time.



Last fall, we invited alumni and their families back to TJ for Alumni Day, giving them the chance to tour the renovated campus and chat with TJ students, old and new. We also lent support to those classes hosting reunions in 2017 and helped coordinate other local alumni events including a Homecoming Tailgate and a Pi-Miler. Beyond local events, we traveled to meet alumni in New York City, San Francisco, Atlanta, and Boston. Already in FY19, we have greeted alumni in Houston and Chicago with plans to host alumni in Raleigh, New York City, San Francisco this spring.

Connecting Students and Alumni

In FY18, we hosted our third annual internship fair, giving over 400 students the opportunity to meet TJ alumni working in diverse fields and to learn more about various career options. Alumni-founded companies Givology and Yext were among the fair's participants with Yext recruiting successfully for sought-after summer internships. As part of this same effort to build a stronger student-alumni network, we traveled with TJ students to New York City and San Francisco to meet alumni working in top companies, an invaluable experience for these 19 students.



As part of our effort to build a stronger student-alumni network, we traveled with TJ students to the West Coast to meet alumni working in top companies including Twitter.

THANK YOU TO OUR DONORS

*This list recognizes donors who contributed \$1,000 or more during FY18.

\$500,000+

Shirble

\$100,000- \$500,000

Ameson Foundation

\$25,000-\$100,000

Yext

Northrop Grumman Corporation

Paul and Karen Misener

\$10,000-\$25,000

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