

tjSTAR

**Thomas Jefferson High School
for Science and Technology
Symposium To Advance Research**

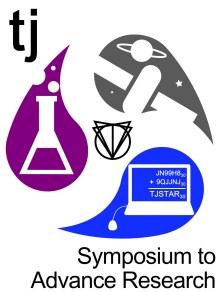
**ADVANCE YOUR COMPANY'S MISSION
CONTRIBUTE TO YOUR COMMUNITY
ATTRACT STEM TALENT**

- WHAT:** tjSTAR is a day-long symposium run like a professional conference. Students present research project results while professionals from government, industry, and academia share their work and help students explore career options.
- WHEN:** Tuesday, June 6, 2017
- WHERE:** Thomas Jefferson High School for Science & Technology, the nation's leading STEM high school, located at 6560 Braddock Road, Alexandria, VA
- HOW:** Share your expertise and interact with future STEM and policy leaders.

THREE WAYS TO PARTICIPATE

- SPEAK:** STEM professionals share their passion, work, expertise, and career advice in a series of 50-minute sessions.
- DEMO:** Companies and organizations demonstrate current research projects and products in our all-day "Exhibition Hall" (main gym).
- SUPPORT:** Companies purchase advertisement space, take advantage of other sponsorship opportunities, and/or provide giveaways for seniors with the company logo. Companies, organizations, and individuals are invited to make a tax-deductible donation to the TJ Partnership Fund, TJ's non-profit foundation.

For more information, please call 703.750.8316 or email szabel@fcps.edu.



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Select Sessions from tjSTAR 2016:

- Update on NASA's Mars Mission (Deputy Chief Scientist, NASA)
- Aerospace Medicine (Deputy Chief Health & Medical Officer, NASA)
- Touching the Surfaces of Mars & Pluto (Astronomy Professor, GMU)
- Fecal Transplant Transfer (Clinical Director, Walter Reed National Military Medical Center)
- Human Placenta Project (Project Lead, National Institute of Child Health & Human Development)
- Zika Virus: Public Health Emergency (Acting Director, NICHD)
- Detecting Concussion Using Visuomotor Tracking (Senior Scientist, *MITRE Corp.*)
- Forensic Entomology (Executive Director, Virginia Museum of Natural History)
- Using Computers to Simulate the Atmosphere (Senior Scientist, *Leidos, Inc.*)
- Building Design and Robots (President & CEM, *Setty & Associates, International*)
- Countering Threats in Cyberspace (Director, National Cyber Range)
- To 5G and Beyond! (Division Chief, Federal Communications Commission)
- Bio-Inspired Propulsion (Research Scientist, Naval Research Laboratory)
- Artificial Intelligence Research w/Minecraft (NRC Research Associate, NRL)
- Natural Language Processing (Expert, Div. of Information & Intelligent Systems, NSF)
- How Oceanography Saved the World (Chief Scientist, Nat. Oceanographic & Atmospheric Adm.)
- Ocean Science (Div. Chief, Environmental Science, Bureau of Ocean Energy Management)
- *Everydata*: The Misinformation Hidden in Everyday Data (Economist/Author)
- Applying Data Science to College Selection (alum, Principal Data Scientist, *MITRE Corp.*)
- Wildlife Conservation in Anthropocene (Exec. Dir., Wildlife Conservation Society)
- Archeological Conservation (Conservator, Virginia Dept. of Historic Resources)
- Aliso Canyon Gas Leak (Reachback Analyst/Chemist, *Applied Research Associates, Inc.*)
- Integrated Teams in Military Primary Care (Clinical Psychologist, Uniformed Services University)
- The Selfish Microbiome (Director, Microbiome Analysis Center, GMU)
- Building Better Teams (alum entrepreneur, Founder, *Anant Corp.*)
- From TJ '98 to \$100MM in Revenue (alum entrepreneur, CTO *Yext*)
- Innovation at *Amazon* (VP, Global Innovation Policy & Communications, *Amazon*)
- Engineering: From High School to the Real World (alum, Technology Consultant, *Accenture*)
- Entrepreneurship for Scientists & Engineers (Senior Program Director, NSF)