



## The Towson University Center for STEM Excellence

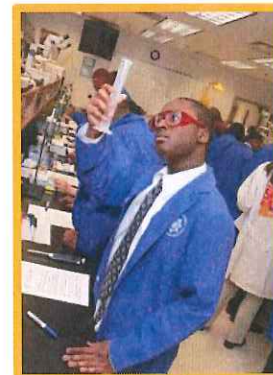
[www.towson.edu/cse](http://www.towson.edu/cse)



The Towson University Center for STEM Excellence, housed at the Columbus Center in Baltimore's Inner Harbor, is committed to serving Maryland K-12 STEM students and teachers through a variety of innovative and engaging programs.

### SciTECH STUDENT LEARNING LAB

Our student learning lab, *SciTech*, is a field-trip destination that offers hands-on laboratory experiences to middle and high school students. Our expert instructors offer engaging, learner-centered science activities focused on real-world issues. We serve over 2,500 students each year at our on-site facility and reach hundreds more at community events throughout Maryland.



### MARYLAND LOANER LAB PROGRAM



Through our highly successful *Maryland Loaner Lab* program, eligible teachers receive complete science lessons (including equipment, reagents and curriculum materials) by mail, allowing them to perform an array of bioscience investigations in their classrooms. These activities, aligned with state curriculum standards, serve classrooms in all 24 school systems in Maryland and directly benefit over 8,000 students and teachers each year.

### PROFESSIONAL DEVELOPMENT PROGRAMS

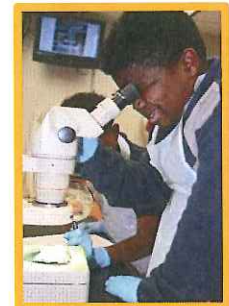
TUCSE offers a variety of professional development programs for middle and high school science teachers designed to increase teacher effectiveness in the classroom. All of our teacher workshops focus on evidence-based teaching strategies and best practices that emphasize a student-centered learning environment. Our most current workshop offerings focus on the new Next Generation Science Standards (NGSS), recently adopted by the state of Maryland. The NGSS are built around a new 3-Dimensional model of teaching and learning that is vastly different from current science standards and science teaching. Our professional development programs provide teachers with the information and skills they will need to successfully implement NGSS in their classrooms.



# Providing Opportunities in STEM for Prince George's County Public School Students



The Towson University Foundation (TUF) is a 501(c)(3) corporation which provides the means to utilize philanthropic support for Towson University. We intend to use a CITC allocation to assist in leveraging private funds to extend the impact of the Towson University Center for STEM Excellence (TUCSE) on schools in priority funding areas. Specifically, funds raised will support transportation and fees associated with field trips to TUCSE's SciTech Student Learning Laboratory, which offers students an opportunity to engage in hands-on bioscience activities that complement and enhance their classroom



learning.

Our selection of a project for the CITC tax allocation is informed by awareness that Maryland is one of the top bioscience clusters in the U.S., creating a large demand for a diverse, educated workforce in STEM (science, technology, engineering and math), and that vibrant schools are a key indicator for thriving neighborhoods.

Based on a fundraising goal of \$20,000, TUCSE intends to offer 20 field trips to schools in Prince George's County and Baltimore County. The exact number of schools served in each county will depend upon the amount of funding raised and expressions of interest from schools in priority funding areas. TUCSE has a strong history of serving students in Prince George's County with over 5,000 students from 26 different schools in Prince George's County impacted since 2010. However, many schools in Prince George's County are not able to take advantage of the SciTech Student Learning Lab due to lack of funds for transportation and students fees associated with a visit. **Funds allocated through the CITC program of the Maryland Department of Housing and Community Development, Division of Neighborhood Revitalization will have no fiscal impact on the county.**



## Prince George's County Schools served by TUCSE since 2010

Andrew Jackson Academy  
Beltsville Academy  
Benjamin Tasker Middle School  
Bishop McNamara High School  
Bladensburg High School  
Bowie High School  
Bowie Montessori Children's House  
Buck Lodge Middle School  
Central High School  
Charles H. Flowers HS  
Crossland High School  
Dr. Henry A. Wise, Jr. High School  
DuVal High School

Eleanor Roosevelt High School  
Ferguson-Burroughs Academy  
Forestville Military Academy  
Frederick Douglas High School  
Friendly High School  
From the Heart Christian School  
Gholson Middle School  
Greenbelt Middle School  
Gwynn Park High School  
High Point High School  
Howard B. Owens Science Center  
Hyattsville Middle School  
Kettering Middle School

Largo High School  
Laurel High School  
Martin Luther King Jr. Middle School  
Northwestern High School  
Old Mill High  
Oxon Hill High School  
Parkdale High School  
Potomac High School  
Seabrook Elementary School  
Stephen Decatur Middle School  
Suitland High School  
Surrattsville High School  
Thomas Johnson Middle School



TOWSON UNIVERSITY

June 23, 2016

DHCD  
OFFICE OF THE DIRECTOR

2016 JUN 31 A 11: 18

RECEIVED

Eric C. Brown  
Director  
Prince George's County DHCD  
9200 Basil Court, 5<sup>th</sup> Floor, Suite 500  
Largo, Maryland 20774

**Timothy J. L. Chandler, Ph.D.**  
Provost and Vice President  
for Academic Affairs

Dear Mr. Brown:

Office of the Provost

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This letter seeks your assistance in securing a resolution from the Prince George's County government in support of the Towson University Foundation's application for a tax allocation of \$10,000 through the Community Investment Tax Credit (CITC) program of the Maryland Department of Housing and Community Development, Division of Neighborhood Revitalization.

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We greatly appreciate your assistance in securing the resolution, a sample of which is attached.

Respectfully,

Dr. Timothy Chandler, Provost  
Office of the Provost  
Towson University