



ISSUE 5

BUILDING UNIQUE INVENTIONS TO LAUNCH DISCOVERIES, ENGAGEMENT AND REASONING IN STEM

TUSKEGEE BUILDERS ACADEMY

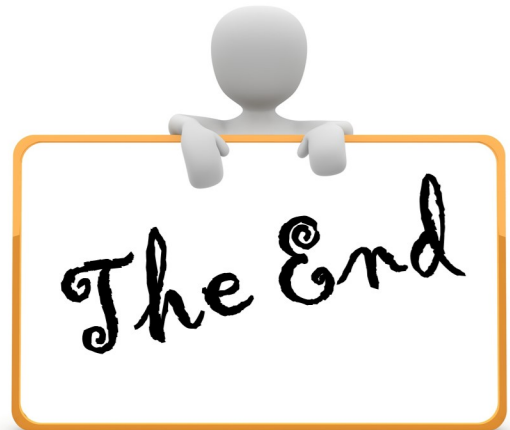
MAY 24, 2018

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We are Saying Goodbye to our 2017 BUILDERS...

After a year of arduous work, we are saying goodbye to our 2017 BUILDERS. Students and teachers worked hard to finish their prototypes, and put together showcases where these prototypes are displayed. Our 2017 BUILDERS Scholars are now innovators and will continue on their spare time to improve and refine their technology-rich products while receiving continued mentored support from the BUILDERS program.



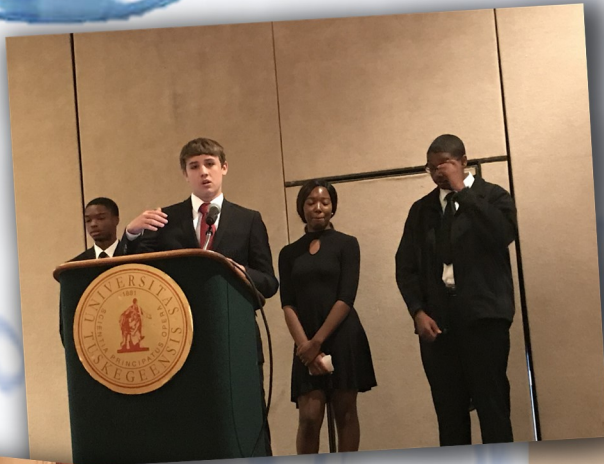
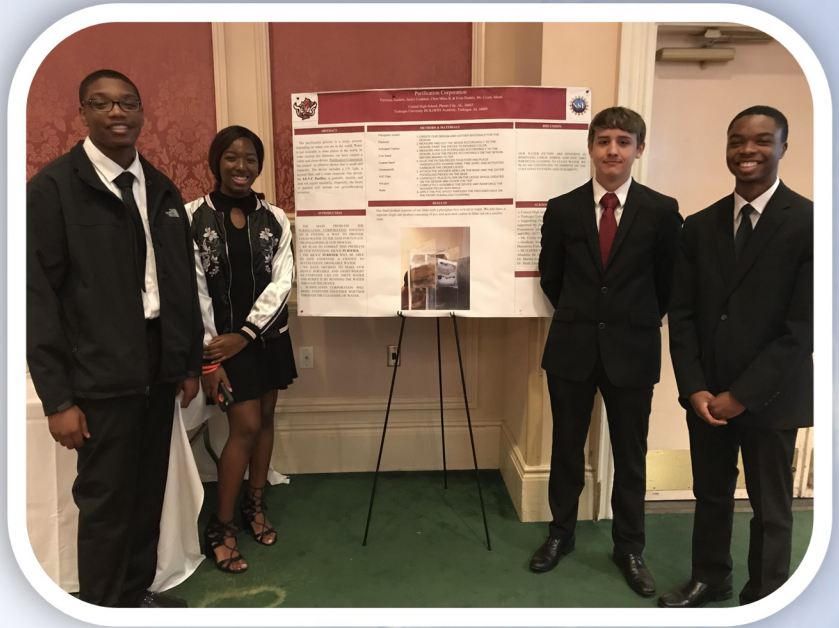
BUILDERS Highlight: Central High School

Three BUILDERS teams from Central High School (Phenix City, AL) presented their prototypes in a showcase held at Tuskegee University on May 16, 2018. Each team presented a poster detailing their creative process, and explained their prototypes to members of the community. These teams were mentored by Ms. Abron.



PURIFICATION CORPORATION

Jaelyn Craddick
Evan Dunkle
Veronica Sanders
Chris Miles III



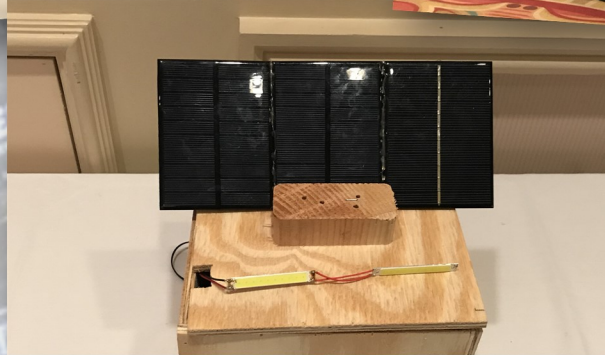
The social impact of this project

The United Nations' Human Rights Council has stated that access to clean water is a human right. Yet, 63 million Americans do not have access to safe drinking water. Projects like this can help find inexpensive ways to provide safe water to communities in need.



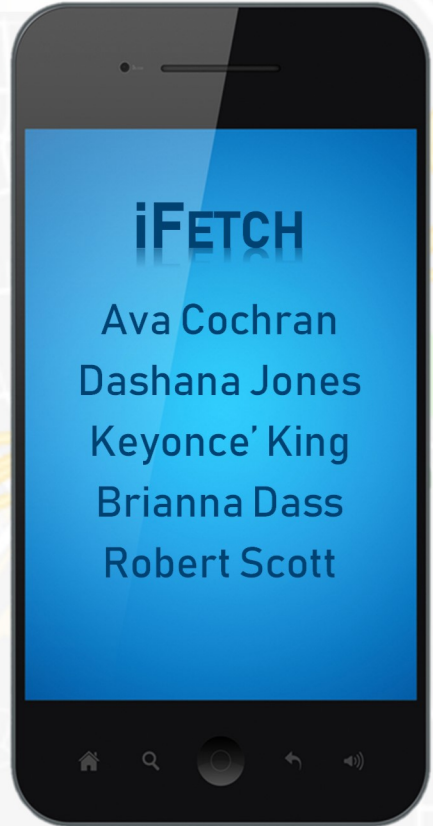
MAD MAGNETICS

Ebony Nixon
Kendall Williams
Jalen Preer
La'Destinee Hampton
Lathen Oliver
Sierra Roberts



The social impact of this project

Batteries contain toxic metals such as mercury and lead, which become hazardous waste. Solar energy has little environmental impact, but it is still costly to produce. Projects like this can help find ways to lower the cost of using solar energy.



The social impact of this project

Sixty-five percent of US homes have a pet. The chances of finding a lost pet are 90% if they are identified and can be tracked within the first 24h of going missing. After that, the chances are less than 50%. Projects like this develop new technologies that can help owners track the whereabouts of a lost pet in real time.

WHERE TO FIND INFORMATION ABOUT THE BUILDERS ACADEMY?

Visit our website: www.TuskegeeBuildersAcademy.org
E-mail us: TuskegeeBuildersAcademy@gmail.com



@TUBuilders

IS IT REALLY OVER?

Students from Booker T. Washington and Notasulga High Schools will have their final showcase later in the summer.

The 2018 Academy will take place June 11-29. Over 40 students from Notasulga High School and Robert E. Lee High School

(Montgomery) will be mentored by 5 teachers and 4 returning campers that will serve as peer mentors.

Stay tuned for new inventions and highlights from our BUILDERS Academy!



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