

## Henry Hughey Tyler Brown Scholarship

I believe that my academic achievements, especially my involvement in research, make me a great candidate for the Tyler Brown Scholarship. In addition to swimming on the varsity swim team all four years of high school, I've worked hard each year to take as many challenging classes as possible and end with Gold Eagle every year. I've also received the Georgia Certificate of Merit for being part of the top five percent of my class. In addition to working inside the classroom, I have also put a lot of work into SAT prep, resulting in me scoring the highest SAT score in my class, which led to being Woodward's nominee for the PAGE STAR student award.

I have thoroughly enjoyed the STEM-related classes that I have taken at Woodward, such as AP Physics I, AP Physics C, AP Calculus AB, and many more. After taking these classes, especially AP Physics I, I wanted to get directly involved with the academic community surrounding the STEM field. That led me to participate in Woodward's ISR program and conduct astrophysics research before stepping on a college campus as an undergraduate. ISR was a fantastic experience for multiple reasons, one of which was applying the physics I had learned at Woodward to planetary simulations based on the solar system. I also developed my public speaking skills by practicing and presenting my finished research to the Woodward community.

ISR was a struggle on many different levels. For one, I had to cold-email many researchers in Atlanta to ask for a research opportunity. Just like Tyler Brown was said to have taken no for an answer, I decided to keep pursuing this research opportunity I wanted even after 21 different rejections. After sending the 22nd email, I finally secured a research position. Perseverance pays off! I plan to apply my knowledge of physics differently as a mechanical engineer, utilizing physics in conjunction with technology to better the human condition. I would be honored to pursue my college education as a yellowjacket with the Tyler Brown Scholarship.

Tyler Brown was a person who lived with service on his mind, serving not only the Woodward and Georgia Tech student bodies as a class representative but also our country as a lieutenant. I have kept this same mindset of service to others throughout my life. One thing I do to give back to the Woodward community is to work on the garden after school. I do this through WA Serves, along with other activities such as helping create props for the theater and writing to my pen pal buddy in the lower school. Another way I like to serve others is through lifeguarding. Lifeguarding has been an exceptional experience for me because of the Horizons swimmers I teach classes for and watch over. As a swimmer myself, helping kids who have never swam in a pool is an enriching experience. Seeing their faces light up when they first get the hang of treading water or swimming backstroke is my favorite part of every summer. I have also done service work to help the international community. After witnessing the refugee crisis caused by Russia's invasion of Ukraine, I decided to hold a fundraiser at Woodward for these Ukrainian refugees. My idea to raise funds was to set up tables in Woodruff to promote awareness about the conflict and to collect donations in exchange for an out-of-uniform day where students were encouraged to wear blue and yellow to show support and raise awareness. I presented this idea to the community service board as an essential step in making Woodward a more globally conscious community while helping those refugees. My idea was approved, and a week later, almost every upper school student showed up in blue and yellow! I raised nearly \$10,000 in donations.

At Georgia Tech, a school known for its commitment to "Progress and Service," I will continue my service work in a college setting. With the Tyler Brown Scholarship, I will be able to continue my service work in the name of somebody who dedicated his life to service.