

Good afternoon!

We'd like to congratulate you for competing in this year's Battle O' Baltimore robotics competition. As engineers, it is always exciting for us to meet the next generation of STEM participants and their creative endeavors.

Let us give you a quick summary on who we are.

TAI is an engineering firm located in Owings Mills, Maryland and is a leading engineering, management and technical services firm in the industrial and manufacturing arena. With revenues exceeding \$46 million, and over 255 employees operating out of multiple offices, our staff and the commitment to our clientele positions us as a stable, profitable firm for sustainable growth and success. We have developed long-term partnerships with our clients that focuses on their success and have developed a company culture that attracts and retains the most dedicated and talented employees. We are always looking for talent!

The Battle O' Baltimore program is great opportunity for TAI to meet new talent and support the STEM program. We know there are a lot of awards available to you for this competition, but we would like to invite you to compete for the **Armistead Engineering Innovation Award (sponsored by TAI)** as we believe our award supports engineering innovation that represents unique solutions. This award also represents a local, historical turning point in the Battle of Baltimore during the War of 1812 and we'd love for you to win it!

About the award:

Walker Armistead was the Chief Engineer for the U.S. Army Corps of Engineers; his brother George commanded Ft. McHenry during the Battle of Baltimore. The Armistead Engineering Innovation Award goes to the team that uses engineering innovation in a very specific manner in the design of their robot.

In addition to the Armistead award, TAI will provide a \$200 Uber Eats gift as a special treat for your teams' efforts!

The Award will be judged based on your success in implementing any — or all — of the following criteria:

- 1) Innovative use of electrical systems
- 2) Innovative programming
- 3) Innovative use of pneumatics
- 4) Innovative use of mechanical systems
- 5) Innovative coordination of systems
- 6) Thoughtful use of energy conservation
- 7) AND FLAIR. Not required but encouraged. Have fun! 😊
(...from Office Space - <https://vimeo.com/102830089>)

At the time of the judging, you will be asked to explain and/or demonstrate the feature(s) of your robot that shows off your creative and innovative talents. Good luck in the competition and we look forward to seeing the fruits of your work.

Best regards,

TAI Engineering