

## **Background**

The Tropf family wishes to promote the study of science by awarding \$1000 scholarships to Howard County public school seniors with intent of studying mathematics, the physical sciences, or engineering at a four-year college or university. The scholarships are awarded (one each) to Atholton, Wilde Lake, Long Reach and Oakland Mills High School students.

These scholarships honor Cheryl Griffiths Tropf, a great believer in learning and academic achievement. She was a Phi Beta Kappa in physics at the College of William and Mary and earned a doctorate in applied mathematics from the University of Virginia. Throughout her life she continued to learn and applied her knowledge in many fields including physical process modeling, teaching at universities, congressional science policy, and in business.

Selection is based solely on proficiency and accomplishments in mathematics and science as well as academic achievement, standardized test scores, projects, mentorships, and other indicators of potential.

## **Guidelines**

Candidates for the *Tropf Family Scholarships* **must**:

1. Be accepted for and plan to study full-time at an accredited four-year college or university
2. Be a senior at Atholton, Wilde Lake, Long Reach or Oakland Mills High School.
3. Provide a resume which includes a summary of achievements in science and mathematics (resume format).
4. Submit an essay of no more than 500 words that covers the following topics:
  - a. Educational Plans
  - b. Career Goals and Aspirations

**Please do not include information present in your transcripts or your resume. We are looking for examples drawn from your life experience.**

5. Provide an evaluation and assessment of potential from a science/mathematics teacher or mentor.
6. Have a 3.0 cumulative average through first semester of Grade 12

## **Evaluation Criteria**

All applications will be evaluated based on the following criteria:

1. Achievements in science and mathematics
2. Teacher evaluation/ recommendation and assessment of potential
3. Student's transcript and standardized test scores.
4. Essay

**DEADLINE:**        **Applications must be submitted to the school guidance counselor by \_\_\_\_\_.**