

Mentoring and Advice for Talented High-School Students

Mentoring and Advice for Talented High-school Students (M.A.T.H. Students), is an out-reach program aimed at high school students with interest in mathematics. This program consists of the following main features, described in more detail below:

- Advising by UGA graduate students,
- Modest book scholarships for the high school students, their school libraries as well as the participating graduate students.

Advising

Each year roughly 3 high school students will be selected to spend one academic year in the program during which time they will be assigned to a UGA graduate student to serve as their advisor.

The official role of the advisor will be to aid the student in selecting books to optimally develop their understanding of higher mathematics, that the program would purchase for them as described below. In addition, we hope that they will give the students an impression of the culture and practice of mathematics in an academic setting. The advising will be carried out with two planned visits to UGA (once each semester) and with additional advising over email.

Advisee and Library Book Scholarship

Each M.A.T.H. advisee will receive a yearly \$220 book scholarship which they may use to spend on math or science books. These books should be relevant to furthering their learning of higher mathematics and not otherwise readily available to them. An additional copy of each book which they purchase with their scholarship will be sent to their school library. In the event that their library already has a copy of the book, the PI may elect to have a copy sent to a different high school library where the book is not available instead.

Advisor Book Scholarship

Participating advisors will be given a yearly \$220 book scholarship to be spent on mathematics or science books necessary for their graduate coursework or research.

Student Requirements

Students need to be able to arrange their transportation to UGA for at least two visits to the mathematics department, once each semester, coordinated with their advisors. Contact information for their high-school libraries should be provided to the program administrators (contact information below).

Contact Information

This program is being administered by Daniel Krashen and Angela Gibney in the mathematics department at UGA. They can be contacted by email at:

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