



Future DOcs - GATE

June 18 - 24, 2017



The Future DOcs-GATE program is a partnership between the MSU Gifted and Talented Education office and the MSU College of Osteopathic Medicine.

Audience

This one-week residential summer program is for students currently in grades 7-9 and at least 12 years old. Students must have strong standardized test scores (SAT, ACT) as well as a positive teacher recommendation. The program includes "Year 1" and "Year 2" curriculum, so students can attend for two years and have more advanced curriculum the second year.

2017 Participants

Year 1 curriculum: 25 students (13 female and 12 male)

Year 2 curriculum: 14 students (8 female and 6 male)

Funding

This program is funded by student tuition. Scholarships are available to families with financial need. The funds are provided through the Dorothy Lawshe Endowment.

Objectives

Students participating in this program have opportunities to explore various aspects of Osteopathic Medicine through lab and hands on experiences during 40 hours of contact time. The expectation for each student is to:

- *Discover the content of medical courses through demonstrations and hands-on activities.
- *Explore the options for undergraduate majors.
- *Gain information about medical specialties.

Contact Information:

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Description

The purpose of this program is to foster an interest in the STEM fields, create awareness of college admission, and generate a strategy to become a successful health care professional. Students participated in several activities throughout the week including: anatomy, sheep brain dissection, group research project, clinical skills, EMS rotations, Osteopathic manipulative medicine demos, biochemistry lab, CPR training, and more!

When asked about the impact of Future DOcs on their future, students said:

"This program taught me that there are many different types of medical careers. Every career involves lots of hard work and I really like to learn about the human anatomy. I love learning about the structure of the body and helping others. I want to become a surgeon when I am older. This camp has also taught me that team work is everything in the future. There is no job in the medical career without team work with others."

"After attending Future Docs, I now have a lot more knowledge about medicine. I got to talk medical students about what I can to get into medical school, how I can improve myself in high school to help prepare for it, and most importantly, the difference between the MD and DO program. I now am considering doing the DO program."

When asked, what did you like most about the program, parents stated:

"The content specifically matched my child's interests and allowed her to see what medical school and a medical career are like. This program confirmed for her that the course work is very interesting to her and has motivated her to work toward a medical career. The program content was interesting and relevant. We have not seen such a challenging and relevant program offered through any other school."

"I liked that the students had exposure to real university professors in the classroom as well as experienced teachers & medical students in every aspect of their days."

