



Future DOcs - GATE

June 19 - 25, 2016



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.

2016 Participants

Year 1 curriculum: 31 students (18 female and 13 male)

Year 2 curriculum: 10 students (9 female and 1 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. One (1) student received financial aid.

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 has had a large impact on my future. It has greatly increased my problem-solving abilities and helped me make new friends. It has also improved my communication skills. Overall, through this program, I have learned many new medical techniques and a lot more about career opportunities at MSU. This program has been a valuable experience with lots of fun activities."

"The way this program impacted my career choices is the way I strongly feel about my choice in going to medical school. Hearing the stories and experiences from all of the doctors really helped me learn more about medical school. They helped me build more confidence in on taking all four years of undergrad and medical school."

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

"The entire program is great. It gives young students the exposure they need to help them decide if a career in medicine is for them. Most students decide on what they want to do for a career as early as the fifth or sixth grade. so it is so important to offer this type of opportunity to middle school aged students. Great program."

"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."

