

# Modeling the Future Challenge

Prospective Participant Information || 2021-22



A Program of The Actuarial Foundation

## Modeling the Future Challenge

### What is the MTFC?

The [Modeling the Future Challenge](#) (MTFC) is an academic competition by [The Actuarial Foundation](#) and managed by the [Institute of Competition Sciences](#). The Actuarial Foundation is a 501(c)(3) organization committed to changing lives through math education.

In the MTFC, teams of 1 to 5 high school students conduct an actuarial research project in which they make recommendations to companies, organizations, government agencies, or other groups based on their own mathematical models, real-world data analysis, and risk management. Teams achieving a qualifying score and successful proposal submission in the Scenario Phase are connected with actuarial mentors to help refine their project proposals during the Project Phase. The top teams from Project Phase are then invited to the national MTFC Symposium (currently virtual) to present their work and a chance to compete for \$55,000 in college scholarships available!

### Eligibility & Cost

- Registration is **free**.
- No limits to the number of teams a coach can register.
- Team sizes range from 1-5 students.
- See [Rules & Eligibility](#).

### Awards & Recognition

Participation certificates and recognition for the Scenario and Project Phases. Finalist teams and schools have the chance to win college scholarships and teacher/school awards.

### Timeline

Registration opens in mid-September and closes in mid-November and can be found on the [general timeline](#).

- **Scenario Phase:** September - December 2021
- **Project Phase:** January - March 2022
- **Finalist Phase:** March - May 2022

Updated dates for the 2021-22 MTFC will be announced in August 2021 at the challenge launch.

### Resources & Contact

The [Actuarial Process Guide](#) is a comprehensive tool for coaches. Extensive resources can be found in the Resource Library on the MTFC website. Additional resources and curriculum will be available at registration. See the [FAQ webpage](#) or email [challenge@mtfchallenge.org](mailto:challenge@mtfchallenge.org).