### M3 Challenge Finalists

M3 Challenge Finalists honor teams for the most outstanding mathematical approaches to the problem through modeling, justifying assumptions, describing their process, analyzing effects of change, and summarizing their results. The top six teams will present their papers and winners will be announced at the awards ceremony.

- **Adal E. Stevenson High School**
  - Team (ID #15376), Lincolnshire, Illinois
  - Coach: Paul Kim
  - Students: Jack Chen, Collin Fan, Aadit Juneja, Aayush Kadyan, Nathan Ma
- **Adal E. Stevenson High School**
  - Team (ID #15413), Lincolnshire, Illinois
  - Coach: Paul Kim
  - Students: Spartan Goel, Andrew Liu, Joy Qu, Greyren Ren, Gabriel Visotsky
- **High Technology High School**
  - Team (ID #15596), Lincoln, New Jersey
  - Coach: Raymond Eng
  - Students: David Chang, Andrew Eng, Kevin Guan, Alexander Postovsky, Ivan Wong
- **New Century Tech High School**
  - Team (ID #15559), Huntsville, Alabama
  - Coach: Clifford Pate
  - Students: Elia Duus, Donal Higgins, Alexander Ivan, Shreyas Ruducher
- **New Trier Township High School**
  - Team (ID #15522), Winnetka, Illinois
  - Coach: Bradley Kukulis
  - Students: Aruni Chenxi, Nika Chuzhoy, Max Hartman, Connor Lane, Nathan Liu
- **Pine View School**
  - Team (ID #15344), Osprey, Florida
  - Coach: Mark Mattia
  - Students: Nolan Boucher, Uday Goyal, John Halcomb, Max Rudin, Lisa Zhang

### Technical Computing Finalists

This year 261 papers were considered for M3 Challenge Technical Computing Awards for outstanding use of technical computing in problem solving. The top three teams will present their papers and winners will be announced at the awards ceremony.

- **High Technology High School**
  - Team (ID #15596), Lincoln, New Jersey
  - Coach: Raymond Eng
  - Students: David Chang, Andrew Eng, Kevin Guan, Alexander Postovsky, Ivan Wong
- **New Century Tech High School**
  - Team (ID #15559), Huntsville, Alabama
  - Coach: Clifford Pate
  - Students: Elia Duus, Donal Higgins, Alexander Ivan, Shreyas Ruducher
- **Pine View School**
  - Team (ID #15344), Osprey, Florida
  - Coach: Mark Mattia
  - Students: Nolan Boucher, Uday Goyal, John Halcomb, Max Rudin, Lisa Zhang

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**Teams presenting the following schools are recognized for Technical Computing Honorable Mention distinction.**

- **Columbus North High School**
  - Team (ID #15354), Columbus, Indiana
- **Livingston High School**
  - Team (ID #15363), Livingston, New Jersey
  - Coach: Clifford Pate
  - Students: Ella Duus, Donal Higgins, Ethan Kaczmar, Alexander Ivan, Shreyas Ruducher
- **Los Altos High School**
  - Team (ID #15354), Los Altos, California
  - Coach: Mark Mattia
  - Students: Nolan Boucher, Uday Goyal, John Halcomb, Max Rudin, Lisa Zhang

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**TOP RANKed TEAM FROM THE UNITED KINGDOM**

The top ranked team from the U.K. (Honorable Mention) will present their paper at the final event.

- **Hayden High School**
  - Team (ID #15559), Huntsville, Alabama
  - Coach: Clifford Pate
  - Students: Elia Duus, Donal Higgins, Alexander Ivan, Shreyas Ruducher

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**Of the 612 papers submitted to this year’s MathWorks Math Modeling Challenge, 113 (18.5%) advanced to the second round of judging, where 37 were selected for awards and recognition (6%).**
ABOUT M3 CHALLENGE
MathWorks Math Modeling Challenge (M3 Challenge) is the prestigious Internet-based competition known for providing a pinnacle high school experience to inspire students to pursue STEM majors and careers. The contest, organized by Society for Industrial and Applied Mathematics (SIAM) and sponsored by leading software developer MathWorks, is free and open to students in the U.S. and U.K. M3 Challenge will award top teams this year with $100,000+ or £75,000+ in scholarships to use for their higher education. M3 Challenge has awarded more than $1.65 million in scholarships to date.

Each school may enter up to two teams of three to five junior/senior or sixth form students, who spend up to 14 hours on Challenge weekend devising and submitting a solution to the Challenge Problem, which is not revealed to them until they log in. Following a rigorous multi-stage judging process, six finalist teams, three technical computing awardees, and top ranking UK teams present their findings live to a final judge panel to determine the final rank order. Learn more at m3challenge.siam.org.

ABOUT MATHWORKS
MathWorks is the leading developer of mathematical computing software. MATLAB, the language of engineers and scientists, is a programming environment for algorithm development, data analysis, visualization, and numeric computation. Simulink is a block diagram environment for simulation and Model-Based Design of multidomain and embedded engineering systems. Engineers and scientists worldwide rely on these products to accelerate the pace of discovery, innovation, and development in automotive, aerospace, communications, electronics, industrial automation, and other industries. MATLAB and Simulink are also fundamental teaching and research tools in the world’s universities and learning institutions. Founded in 1984, MathWorks employs more than 5,000 people in 16 countries, with headquarters in Natick, Massachusetts, U.S. For additional information, visit mathworks.com.

ABOUT SIAM
Society for Industrial and Applied Mathematics (SIAM), headquartered in Philadelphia, Pennsylvania, is an international society of more than 14,000 individual, academic and corporate members from 100+ countries. SIAM helps build cooperation between mathematics and the worlds of science and technology to solve real-world problems through publications, conferences, and communities like chapters, sections, and activity groups. Learn more at siam.org.

ABOUT JANE STREET
Jane Street is a global quantitative trading firm hiring smart, humble people who love to learn. Find out more at janestreet.com.

AWARDS AND RECOGNITION
ASAE Associations Advance America (AAA) Award of Excellence Committee Encouraging Corporate Philanthropy (CECP) Excellence Award

The National Association of Secondary School Principals has placed M3 Challenge on the NASSP National Advisory List of Student Contests and Activities since 2010

M3Challenge.siam.org