



Moody's Mega Math Challenge[®]

A contest for high school students

SIAM
Society for Industrial and Applied Mathematics
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About the Challenge

By asking students to solve complex, real-world issues with the power of mathematics, Moody's Mega Math (M³) Challenge reminds high schoolers that math is more than just formulas and solving for "x." Eleventh and twelfth grade students have 14 hours to solve an open-ended, applied math-modeling problem focused on a relevant issue, and are judged based on their solution papers, followed by oral presentations by top teams. An exclusively Internet-based contest, the M³ Challenge is free to register and participate. Students competing in past challenges have addressed everything from the best regions in America to build high-speed rail lines, the effects of the stimulus package on the U.S. economy, and the unintended implications of using ethanol as biofuel. Designed to motivate students to study and pursue careers in applied math, economics, and finance, the contest is sponsored by The Moody's Foundation and organized by the Society for Industrial and Applied Mathematics (SIAM).

The next Challenge, which will take place in March 2014, will be open to high schools in 46 states (all but the West Coast, which will become eligible in 2016) and will award \$125,000 in scholarship prizes. Registration opens November 2013 at the website below.

Complete details, sample problems, and archives of previous Challenges are available at: <http://M3challenge.siam.org>.

E-mail contact: m3challenge@siam.org.

Awards and Recognition:

- 2010–2013 National Association of Secondary School Principals' National Advisory List of Student Contests & Activities
- 2009 ASAE Associations Advance America (AAA) Award of Excellence
- 2008 Excellence Award Committee Encouraging Corporate Philanthropy (CECP)

About the Sponsor

The Moody's Foundation is a charitable foundation established by Moody's Corporation. Moody's is committed to supporting education, in particular the study of mathematics, finance and economics. The Foundation also funds specific initiatives in the areas of health and human services, arts and culture, civic and economic development programs. These programs are primarily located in New York City. Grants are also made in San Francisco, California; West Chester, Pennsylvania; and London, England.

Moody's is an essential component of the global capital markets, providing credit ratings, research, tools and analysis that contribute to transparent and integrated financial markets. Moody's Corporation (NYSE: MCO) is the parent company of Moody's Investors Service, which provides credit ratings and research covering debt instruments and securities, and Moody's Analytics, which offers leading-edge software, advisory services and research for credit and economic analysis and financial risk management. The Corporation, which reported revenue of \$2.3 billion in 2011, employs approximately 6,000 people worldwide and maintains a presence in 28 countries. Further information is available at www.moody.com.

About the Organizer

The Society for Industrial and Applied Mathematics (SIAM), headquartered in Philadelphia, PA, is an international society of more than 14,000 individual members, including applied and computational mathematicians and computer scientists, as well as other scientists and engineers. Members are researchers, educators, students, and practitioners from 100 countries working in industry, government, laboratories, and academia. The Society, which also includes nearly 500 academic and corporate institutional members, serves and advances the disciplines of applied mathematics and computational science by publishing a variety of books and prestigious peer-reviewed research journals, by conducting conferences, and by hosting activity groups in various areas of mathematics. SIAM provides many opportunities for students including regional sections and student chapters. Further information is available at www.siam.org.

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