The Winners

Of the 568 papers submitted to Moody’s Mega Math Challenge 2011, 120 (21%) advanced to the second round of judging, of which 43 (7.5%) were deemed worthy of recognition.

Honorable Mentions

These 31 teams were deemed worthy of recognition and will receive Honorable Mention team prizes of $1,000 each.

Arlington High School
Team # 661, Arlington, MA

Brien McMahon High School
Team # 221, Norwalk, CT

Dellbarton School
Team # 136, Morristown, NJ

Fairfield Warde High School
Team # 194, Fairfield, CT

Governor Livingston High School
Team # 522, Berkeley Heights, NJ

Governor Livingston High School
Team # 523, Berkeley Heights, NJ

Greater Hartford Academy of Math and Science
Team # 47, Hartford, CT

J.R. Masterman Demonstration School
Team # 66, Philadelphia, PA

Livingston High School
Team # 365, Livingston, NJ

Maggie L. Walker Governor’s School
Team # 214, Richmond, VA

Montgomery Blair High School
Team # 56, Silver Spring, MD

New Canaan High School
Team # 202, New Canaan, CT

New Providence High School
Team # 600, New Providence, NJ

Northview High School - Fulton County
Team # 555, Johns Creek, GA

Pittsford Sutherland High School
Team # 49, Pittsford, NY

Princeton High School
Team # 93, Princeton, NJ

Princeton High School
Team # 100, Princeton, NJ

Ridgefield High School
Team # 543, Ridgefield, CT

Sidwell Friends School
Team # 127, Washington, DC

Sidwell Friends School
Team # 473, Washington, DC

South Burlington High School
Team # 336, South Burlington, VT

Stanton College Preparatory School
Team # 581, Jacksonville, FL

Staples High School
Team # 562, Westport, CT

Staples High School
Team # 565, Westport, CT

Thomas Jefferson High School for Science and Technology
Team # 476, Alexandria, VA

Tri-Valley Central School
Team # 266, Grahamsville, NY

Washington Township High School
Team # 297, Sewell, NJ

West Windsor-Plainsboro High School South
Team # 364, Princeton Junction, NJ

West Windsor-Plainsboro North
Team # 156, Plainsboro, NJ

West Windsor-Plainsboro South
Team # 49, Westborough, MA

Wyomissing Area Junior/Senior High School
Team # 606, Wyomissing, PA

Pine View School
Team # 481, Osprey, FL

Coach: Ann Hankinson
Caroline Bowman
Patrick Braga
Anthony Grebe
Alex Kiefer
Jason Oettinger

Ridgefield High School
Team # 538, Ridgefield, CT

High Technology High School
Team # 165, Lincroft, NJ

High Technology High School
Team # 157, Lincroft, NJ

Coach: Ellen LeBlanc
Sidney Buchbinder
Stephen Guo
Channing Huang
Matthew Tsim
Anglea Zhou

High Technology High School
Team # 137, T.R. Robinson High School
Team # 75, Tampa, FL

Coach: Judy Charley-Sale
Kennon Bitrick
James Gibson
Erin Seligsohn
Steven Seligsohn
Aaron Warwick

Finalists

The Finalist prize category recognizes those papers among the top 12 that underwent in-depth, specific discussions by judges, but missed making it into the top six. These teams, which finished between seventh and twelfth place overall, will receive Finalist team prizes of $1,500 each.

Academy For Allied Health Sciences, Team # 144, Scotch Plains, NJ

Career Center High School
Team # 530, Winston-Salem, NC

Belmont High School
Team # 211, Belmont, MA

Elk County Catholic High School
Team # 204, Saint Marys, PA

Holmdel High School
Team # 445, Holmdel, NJ

Needham High School
Team # 272, Needham, MA

The Prizes

M³ Challenge Champion, $20,000
M³ Challenge First Runner Up, $15,000
M³ Challenge Third Place, $10,000
M³ Challenge Fourth Place, $7,500
M³ Challenge Fifth Place, $5,000
M³ Challenge Sixth Place, $2,500
Moody’s Mega Math Challenge is an Internet-based math-modeling contest in which teams of high school students must solve an open-ended, realistic, applied math-modeling problem focused on a real-world issue. Each school may enter up to two teams of three to five junior and/or senior students, who spend up to 14 hours on Challenge weekend devising and submitting a solution to the Challenge Problem. Following a rigorous two-stage judging process, the top six teams present their findings to a panel of professional mathematicians who determine the final ranking of the winning papers. In 2011, the Challenge will award scholarship prizes totaling $100,000 to winning students from the 18 eligible states along the East Coast.

ABOUT THE SPONSOR
The Moody’s Foundation is a charitable organization dedicated to supporting a variety of nonprofit education, health and human services, civic, and arts and culture programs. Established by Moody’s Corporation in 2001, the Foundation’s primary area of giving is secondary and higher education with a focus on mathematics, economics, and finance. Further information is available at philanthropy.moodys.com. 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 is the parent company of Moody’s Investors Service and Moody’s Analytics, which encompasses the growing array of Moody’s non-ratings businesses. The Corporation, which reported revenue of $1.8 billion in 2009, employs approximately 4,100 people worldwide and maintains a presence in 26 countries. Further information is available at www.moodys.com.

ABOUT THE ORGANIZER
The Society for Industrial and Applied Mathematics (SIAM), headquartered in Philadelphia, Pennsylvania, is an international society of over 13,000 individual members. These include applied and computational mathematicians and computer scientists, as well as other scientists and engineers. Members are researchers, educators, students, and practitioners from more than 90 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.

AWARDS AND RECOGNITION:
2010 Graphic Design USA American Inhouse Design Award (internet design)
2009 ASAE Associations Advance America (AAA) Award of Excellence
2008 Excellence Award, Committee Encouraging Corporate Philanthropy (CECP)
2006 Graphic Design USA American Inhouse Design Award (print creative)

The National Association of Secondary School Principals has placed this program on the NASSP National Advisory List of Student Contests and Activities.

M3Challenge.siam.org