

January 23, 2010

**NEWS RELEASE**  
**Twelfth Annual High School Mathematical Modeling Contest**

The Consortium for Mathematics and its Applications (COMAP) is pleased to announce the results of the Twelfth Annual High School Mathematical Contest in Modeling (HiMCM). A total of 277 teams, with up to 4 students each, from 47 schools, competed. All teams worked at their own schools during a designated 36-hour period between November 6th and 23rd, 2009. Each high school team chose from two modeling problems offered and then constructed their solutions.

**National Outstanding Teams**

Davis Senior High School, Davis, CA  
Illinois Mathematics and Science Academy, Aurora, IL (2 Teams)  
International School of Duesseldorf, Duesseldorf, Germany  
Maggie Walker Governor's School, Richmond, VA  
Mills Godwin High School, Richmond, VA  
Shanghai Foreign Language School Affiliated to SISU, Shanghai, China  
The Ellis School, Pittsburgh, PA

**Regional Outstanding Teams**

Castilleja School, Palo Alto, CA  
Central Academy, Des Moines, IA  
Charter School of Wilmington, Wilmington, DE  
Dubuque Hempstead High School, Dubuque, IA  
Hong Kong International School, Tai Tam, Hong Kong (4 Teams)  
Illinois Mathematics and Science Academy, Aurora, IL  
Maggie Walker Governor's School, Richmond, VA (2 Teams)  
Mills Godwin High School, Richmond, VA (2 Teams)  
Shanghai Foreign Language School Affiliated to SISU, Shanghai, China  
The Ellis School, Pittsburgh, PA

**12<sup>TH</sup> ANNUAL HiMCM STATISTICS**

| <b>Problem</b> | <b>National Outstanding</b> | <b>%</b> | <b>Regional Outstanding</b> | <b>%</b> | <b>Meritorious</b> | <b>%</b> | <b>Honorable Mention</b> | <b>%</b> | <b>Successful Participant</b> | <b>%</b> | <b>TOTAL</b> |
|----------------|-----------------------------|----------|-----------------------------|----------|--------------------|----------|--------------------------|----------|-------------------------------|----------|--------------|
| A              | 4                           | 3%       | 5                           | 4%       | 32                 | 26%      | 49                       | 39%      | 35                            | 28%      | <b>125</b>   |
| B              | 4                           | 3%       | 10                          | 7%       | 28                 | 18%      | 63                       | 41%      | 47                            | 31%      | <b>152</b>   |
| Total          | 8                           | 3%       | 15                          | 5%       | 60                 | 22%      | 112                      | 40%      | 82                            | 30%      | <b>277</b>   |

All schools are to be commended for their efforts. The judges were impressed with all the teams' creativity and ingenuity in mathematical modeling and in their ability to explain their strategies and problem-solving techniques in clear terms. Each participant is a true winner. A complete Results Report, listing all teams by designation, can be found at [www.himcm.org](http://www.himcm.org)

For additional contest information, contact COMAP at: [himcm@comap.com](mailto:himcm@comap.com)



*HiMCM is made possible by COMAP, Inc. Additional support is provided by The Institute for Operations Research and the Management Sciences (INFORMS), The Mathematical Association of America (MAA), and The National Council of Teachers of Mathematics (NCTM).*

*The Contest Director is William P. Fox, Professor at The Naval Postgraduate School.*

*Project Directors include John A. Dossey, Distinguished University Professor of Mathematics Emeritus, Illinois State University, and Frank Giordano, Professor at The Naval Postgraduate School.*

# 12th Annual High School Mathematical Contest in Modeling Results

| <u>Ctrl #</u>                      | <u>Prob</u> | <u>Designation</u>   | <u>Institution</u>                                  | <u>Advisor</u>    | <u>Location</u> |      |
|------------------------------------|-------------|----------------------|---|-------------------|-----------------|------|
| <b><u>National Outstanding</u></b> |             |                      |   |                   |                 |      |
| 2225                               | B           | National Outstanding | International School of Duesseldorf                 | Phillip Grant     | Duesseldorf     | NRW  |
| 2239                               | A           | National Outstanding | Shanghai Foreign Language School Affiliated to SISU | PAN SUN YUE       | SHANGHAI        | SHA  |
| 2332                               | B           | National Outstanding | The Ellis School                                    | Amy Yam           | Pittsburgh      | Pa   |
| 2340                               | B           | National Outstanding | Maggie Walker Governor's School                     | John Barnes       | Richmond        | VA   |
| 2358                               | A           | National Outstanding | Mills Godwin High School                            | Todd Phillips     | Richmond        | VA   |
| 2379                               | B           | National Outstanding | Illinois Mathematics and Science Academy            | Steven Condie     | Aurora          | IL   |
| 2380                               | A           | National Outstanding | Illinois Mathematics and Science Academy            | Steven Condie     | Aurora          | IL   |
| 2461                               | A           | National Outstanding | Davis Senior High School                            | Gregory Shinault  | Davis           | CA   |
| <b><u>Regional Outstanding</u></b> |             |                      |   |                   |                 |      |
| 2216                               | B           | Regional Outstanding | Castilleja School                                   | David Lowell      | Palo Alto       | CA   |
| 2248                               | A           | Regional Outstanding | Charter School of Wilmington                        | L Charles Biehl   | Wilmington      | DE   |
| 2287                               | B           | Regional Outstanding | Hong Kong International School                      | William Stork     | Tai Tam         | hong |
| 2288                               | B           | Regional Outstanding | Hong Kong International School                      | William Stork     | Tai Tam         | hong |
| 2295                               | A           | Regional Outstanding | Hong Kong International School                      | William Stork     | Tai Tam         | hong |
| 2303                               | B           | Regional Outstanding | Hong Kong International School                      | Edgar Fong        | Tai Tam         |      |
| 2311                               | B           | Regional Outstanding | Central Academy                                     | Michael Marcketti | Des Moines      | IA   |
| 2315                               | A           | Regional Outstanding | Dubuque Hempstead High School                       | Rita Crotty       | Dubuque         | IA   |
| 2333                               | B           | Regional Outstanding | The Ellis School                                    | Amy Yam           | Pittsburgh      | Pa   |
| 2336                               | B           | Regional Outstanding | Maggie Walker Governor's School                     | John Barnes       | Richmond        | VA   |
| 2337                               | B           | Regional Outstanding | Maggie Walker Governor's School                     | John Barnes       | Richmond        | VA   |
| 2356                               | B           | Regional Outstanding | Shanghai Foreign Language School Affiliated to SISU | PAN SUN YUE       | SHANGHAI        | SHA  |
| 2359                               | B           | Regional Outstanding | Mills Godwin High School                            | Todd Phillips     | Richmond        | VA   |
| 2360                               | A           | Regional Outstanding | Mills Godwin High School                            | Todd Phillips     | Richmond        | VA   |
| 2377                               | A           | Regional Outstanding | Illinois Mathematics and Science Academy            | Steven Condie     | Aurora          | IL   |

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|---------------------------|-------------|--------------------|---|--------------------|-----------------|------|
| <b><u>Meritorious</u></b> |             |                    |   |                    |                 |      |
| 2219                      | B           | Meritorious        | The Shipley School                                  | Sarah Mechura      | Bryn Mawr       | PA   |
| 2220                      | B           | Meritorious        | Shanghai Foreign Language School                    | Liqun Pan          | Shanghai        | Shan |
| 2221                      | B           | Meritorious        | Holy Ghost Prep                                     | William Lambert    | Bensalem        | PA   |
| 2222                      | A           | Meritorious        | Holy Ghost Prep                                     | William Lambert    | Bensalem        | PA   |
| 2226                      | A           | Meritorious        | Shanghai Foreign Language School                    | sun yue pan li qun | Shanghai        | Shan |
| 2235                      | A           | Meritorious        | Shanghai Foreign Language School Affiliated to SISU | PAN SUN YUE        | SHANGHAI        | SHA  |
| 2236                      | B           | Meritorious        | Shanghai Foreign Language School Affiliated to SISU | PAN SUN YUE        | SHANGHAI        | SHA  |
| 2237                      | B           | Meritorious        | Shanghai Foreign Language School Affiliated to SISU | PAN SUN YUE        | SHANGHAI        | SHA  |
| 2240                      | B           | Meritorious        | Shanghai Foreign Language School Affiliated to SISU | PAN SUN YUE        | SHANGHAI        | SHA  |
| 2241                      | A           | Meritorious        | Shanghai Foreign Language School Affiliated to SISU | PAN SUN YUE        | SHANGHAI        | SHA  |
| 2242                      | A           | Meritorious        | Shanghai Foreign Language School Affiliated to SISU | PAN SUN YUE        | SHANGHAI        | SHA  |
| 2243                      | A           | Meritorious        | Shanghai Foreign Language School Affiliated to SISU | PAN SUN YUE        | SHANGHAI        | SHA  |
| 2244                      | A           | Meritorious        | Shanghai Foreign Language School Affiliated to SISU | PAN SUN YUE        | SHANGHAI        | SHA  |
| 2253                      | A           | Meritorious        | Charter School of Wilmington                        | L Charles Biehl    | Wilmington      | DE   |
| 2258                      | A           | Meritorious        | Charter School of Wilmington                        | L Charles Biehl    | Wilmington      | DE   |
| 2262                      | A           | Meritorious        | Charter School of Wilmington                        | L Charles Biehl    | Wilmington      | DE   |
| 2263                      | A           | Meritorious        | Waterloo Collegiate Institute                       | Michael Burns      | Waterloo        | ON   |
| 2269                      | A           | Meritorious        | Hanover High School                                 | Greta Mills        | Hanover         | NH   |
| 2289                      | B           | Meritorious        | Hong Kong International School                      | William Stork      | Tai Tam         | hong |
| 2290                      | B           | Meritorious        | Hong Kong International School                      | William Stork      | Tai Tam         | hong |
| 2291                      | B           | Meritorious        | Hong Kong International School                      | William Stork      | Tai Tam         | hong |
| 2293                      | A           | Meritorious        | Hong Kong International School                      | William Stork      | Tai Tam         | hong |
| 2298                      | B           | Meritorious        | Hong Kong International School                      | Edgar Fong         | Tai Tam         |      |
| 2300                      | B           | Meritorious        | Hong Kong International School                      | Edgar Fong         | Tai Tam         |      |

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|---------------|-------------|--------------------|--|--------------------|-----------------|----|
| 2312          | B           | Meritorious        | Central Academy                                  | Michael Marcketti  | Des Moines      | IA |
| 2313          | B           | Meritorious        | Central Academy                                  | Michael Marcketti  | Des Moines      | IA |
| 2326          | B           | Meritorious        | North Springs Charter School                     | Scott Hetherington | Atlanta         | Ga |
| 2328          | B           | Meritorious        | North Springs Charter School                     | Scott Hetherington | Atlanta         | Ga |
| 2338          | A           | Meritorious        | Maggie Walker Governor's School                  | John Barnes        | Richmond        | VA |
| 2361          | B           | Meritorious        | Mills Godwin High School                         | Todd Phillips      | Richmond        | VA |
| 2362          | B           | Meritorious        | Mills Godwin High School                         | Todd Phillips      | Richmond        | VA |
| 2364          | B           | Meritorious        | Maggie Walker Governor's School                  | John Barnes        | Richmond        | VA |
| 2373          | B           | Meritorious        | Madrid Waddington Central School                 | Sandra Ruddy       | Madrid          | NY |
| 2376          | A           | Meritorious        | Illinois Mathematics and Science Academy         | Steven Condie      | Aurora          | IL |
| 2378          | A           | Meritorious        | Illinois Mathematics and Science Academy         | Steven Condie      | Aurora          | IL |
| 2385          | A           | Meritorious        | Evanston Township High School                    | Peter DeCraene     | Evanston        | IL |
| 2387          | B           | Meritorious        | Illinois Mathematics and Science Academy         | Steven Condie      | Aurora          | IL |
| 2388          | B           | Meritorious        | Evanston Township High School                    | Peter DeCraene     | Evanston        | IL |
| 2389          | A           | Meritorious        | Illinois Mathematics and Science Academy         | Steven Condie      | Aurora          | IL |
| 2391          | A           | Meritorious        | Illinois Mathematics and Science Academy         | Steven Condie      | Aurora          | IL |
| 2393          | A           | Meritorious        | Evanston Township High School                    | Peter DeCraene     | Evanston        | IL |
| 2400          | A           | Meritorious        | Arkansas School for Math & Science               | bruce turkal       | hot springs     | AR |
| 2412          | A           | Meritorious        | Illinois Mathematics and Science Academy         | Steven Condie      | Aurora          | IL |
| 2413          | A           | Meritorious        | Illinois Mathematics and Science Academy         | Steven Condie      | Aurora          | IL |
| 2422          | B           | Meritorious        | Chesterfield County Mathematics and Science High | Pete Peterson      | Midlothian      | VA |
| 2434          | B           | Meritorious        | Madison East High School                         | Cynthia Chin       | Madison         | WI |
| 2435          | A           | Meritorious        | Madison East High School                         | Cynthia Chin       | Madison         | WI |
| 2453          | B           | Meritorious        | Hanyoung Foregn Language High School             | Hongshick Jang     | Seoul           |    |
| 2455          | A           | Meritorious        | North Cedar Schools                              | Vicki Hamdorf      | Stanwood        | IA |

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|---------------------------------|-------------|--------------------|---|------------------|-----------------|------|
| 2456                            | A           | Meritorious        | North Cedar Schools                                 | Vicki Hamdorf    | Stanwood        | IA   |
| 2480                            | A           | Meritorious        | Kent School   | Jessica Watkin   | Kent            | CT   |
| 2481                            | A           | Meritorious        | Mississippi School for Mathematics and Science      | Claudia Carter   | Columbus        | MS   |
| 2483                            | B           | Meritorious        | Mississippi School for Mathematics and Science      | Claudia Carter   | Columbus        | MS   |
| 2485                            | A           | Meritorious        | Mississippi School for Mathematics and Science      | Claudia Carter   | Columbus        | MS   |
| 2486                            | A           | Meritorious        | Illinois Mathematics and Science Academy            | Noah Prince      | Aurora          | IL   |
| 2495                            | B           | Meritorious        | John Burroughs High School                          | Narineh Barzegar | Burbank         | CA   |
| 2521                            | B           | Meritorious        | MARIA CARRILLO HIGH SCHOOL                          | MARARET BRADYLON | SANTA ROSA      | CA   |
| 2523                            | B           | Meritorious        | Cheshire Academy                                    | Susan Eident     | Cheshire        | CT   |
| 2524                            | A           | Meritorious        | Cheshire Academy                                    | Susan Eident     | Cheshire        | CT   |
| 2526                            | A           | Meritorious        | Shenandoah CSD                                      | Jenny Stephens   | Shenandoah      | IA   |
| <b><u>Honorable Mention</u></b> |             |                    |   |                  |                 |      |
| 2217                            | B           | Honorable Mention  | Castilleja School                                   | David Lowell     | Palo Alto       | CA   |
| 2218                            | A           | Honorable Mention  | MARIA CARRILLO HIGH SCHOOL                          | MARARET BRADYLON | SANTA ROSA      | CA   |
| 2227                            | B           | Honorable Mention  | Sfls  | Yue Sun          | Shanghai        | Shan |
| 2228                            | B           | Honorable Mention  | Collegiate School                                   | David Bannard    | Richmond        | VA   |
| 2229                            | B           | Honorable Mention  | Collegiate School                                   | David Bannard    | Richmond        | VA   |
| 2230                            | B           | Honorable Mention  | Collegiate School                                   | David Bannard    | Richmond        | VA   |
| 2231                            | A           | Honorable Mention  | Shanghai Foreign Language School Affiliated to SISU | PAN SUN YUE      | SHANGHAI        | SHA  |
| 2232                            | B           | Honorable Mention  | Shanghai Foreign Language School Affiliated to SISU | PAN SUN YUE      | SHANGHAI        | SHA  |
| 2233                            | B           | Honorable Mention  | Shanghai Foreign Language School Affiliated to SISU | PAN SUN YUE      | SHANGHAI        | SHA  |
| 2234                            | A           | Honorable Mention  | Shanghai Foreign Language School Affiliated to SISU | PAN SUN YUE      | SHANGHAI        | SHA  |
| 2238                            | B           | Honorable Mention  | Shanghai Foreign Language School Affiliated to SISU | PAN SUN YUE      | SHANGHAI        | SHA  |
| 2245                            | B           | Honorable Mention  | Shanghai Foreign Language School Affiliated to SISU | PAN SUN YUE      | SHANGHAI        | SHA  |
| 2246                            | B           | Honorable Mention  | Shanghai Foreign Language School Affiliated to SISU | PAN SUN YUE      | SHANGHAI        | SHA  |

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|---------------|-------------|--------------------|---|------------------|-----------------|--------|
| 2247          | A           | Honorable Mention  | Charter School of Wilmington                        | L Charles Biehl  | Wilmington      | DE     |
| 2249          | A           | Honorable Mention  | Charter School of Wilmington                        | L Charles Biehl  | Wilmington      | DE     |
| 2250          | A           | Honorable Mention  | Charter School of Wilmington                        | L Charles Biehl  | Wilmington      | DE     |
| 2251          | B           | Honorable Mention  | Charter School of Wilmington                        | L Charles Biehl  | Wilmington      | DE     |
| 2255          | A           | Honorable Mention  | Charter School of Wilmington                        | L Charles Biehl  | Wilmington      | DE     |
| 2257          | A           | Honorable Mention  | Charter School of Wilmington                        | L Charles Biehl  | Wilmington      | DE     |
| 2259          | B           | Honorable Mention  | Charter School of Wilmington                        | L Charles Biehl  | Wilmington      | DE     |
| 2260          | A           | Honorable Mention  | Charter School of Wilmington                        | L Charles Biehl  | Wilmington      | DE     |
| 2261          | B           | Honorable Mention  | Massachusetts Academy of Mathematics and Science at | Jim Barys        | Worcester       | MA     |
| 2265          | B           | Honorable Mention  | Clarkstown South High School                        | Mary Ann Gavioli | West Nyack      | NY     |
| 2266          | B           | Honorable Mention  | Lord Byng Secondary School                          | Dan Kamin        | Vancouver       | Britis |
| 2267          | A           | Honorable Mention  | Hanover High School                                 | Greta Mills      | Hanover         | NH     |
| 2268          | B           | Honorable Mention  | Hanover High School                                 | Greta Mills      | Hanover         | NH     |
| 2270          | A           | Honorable Mention  | Hanover High School                                 | Greta Mills      | Hanover         | NH     |
| 2271          | B           | Honorable Mention  | Hanover High School                                 | Greta Mills      | Hanover         | NH     |
| 2272          | B           | Honorable Mention  | Hanover High School                                 | Greta Mills      | Hanover         | NH     |
| 2273          | A           | Honorable Mention  | Hanover High School                                 | Greta Mills      | Hanover         | NH     |
| 2274          | B           | Honorable Mention  | Hanover High School                                 | Greta Mills      | Hanover         | NH     |
| 2275          | B           | Honorable Mention  | Massachusetts Academy of Mathematics and Science at | Jim Barys        | Worcester       | MA     |
| 2277          | B           | Honorable Mention  | Massachusetts Academy of Mathematics and Science at | Jim Barys        | Worcester       | MA     |
| 2280          | B           | Honorable Mention  | Massachusetts Academy of Mathematics and Science at | Jim Barys        | Worcester       | MA     |
| 2285          | A           | Honorable Mention  | Massachusetts Academy of Mathematics and Science at | Jim Barys        | Worcester       | MA     |
| 2286          | B           | Honorable Mention  | Massachusetts Academy of Mathematics and Science at | Jim Barys        | Worcester       | MA     |
| 2292          | B           | Honorable Mention  | Hong Kong International School                      | William Stork    | Tai Tam         | hong   |
| 2294          | B           | Honorable Mention  | Hong Kong International School                      | William Stork    | Tai Tam         | hong   |

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|---------------|-------------|--------------------|--------------------------------------|--------------------|-----------------|-------|
| 2296          | B           | Honorable Mention  | Hong Kong International School       | William Stork      | Tai Tam         | hong  |
| 2301          | A           | Honorable Mention  | Hong Kong International School       | Edgar Fong         | Tai Tam         |       |
| 2304          | A           | Honorable Mention  | Hong Kong International School       | Edgar Fong         | Tai Tam         |       |
| 2305          | A           | Honorable Mention  | Hong Kong International School       | Edgar Fong         | Tai Tam         |       |
| 2306          | B           | Honorable Mention  | Hong Kong International School       | Edgar Fong         | Tai Tam         |       |
| 2307          | B           | Honorable Mention  | Hong Kong International School       | Edgar Fong         | Tai Tam         |       |
| 2308          | B           | Honorable Mention  | Hong Kong International School       | Edgar Fong         | Tai Tam         |       |
| 2310          | B           | Honorable Mention  | Central Academy                      | Michael Marcketti  | Des Moines      | IA    |
| 2314          | B           | Honorable Mention  | Central Academy                      | Michael Marcketti  | Des Moines      | IA    |
| 2320          | B           | Honorable Mention  | North Springs Charter School         | Scott Hetherington | Atlanta         | Ga    |
| 2322          | B           | Honorable Mention  | North Springs Charter School         | Scott Hetherington | Atlanta         | Ga    |
| 2325          | B           | Honorable Mention  | North Springs Charter School         | Scott Hetherington | Atlanta         | Ga    |
| 2335          | B           | Honorable Mention  | NC School of Science and Mathematics | Daniel Teague      | Durham          | NC    |
| 2349          | A           | Honorable Mention  | Hanyoung Foregn Language High School | Hongshick Jang     | Seoul           |       |
| 2350          | B           | Honorable Mention  | Hanyoung Foregn Language High School | Hongshick Jang     | Seoul           |       |
| 2352          | B           | Honorable Mention  | Hanyoung Foregn Language High School | Hongshick Jang     | Seoul           |       |
| 2353          | A           | Honorable Mention  | Hanyoung Foregn Language High School | Hongshick Jang     | Seoul           |       |
| 2355          | A           | Honorable Mention  | Chang Duk Girls High School          | Hak Sup Lee        | Seoul           | Seoul |
| 2357          | A           | Honorable Mention  | Mills Godwin High School             | Todd Phillips      | Richmond        | VA    |
| 2363          | B           | Honorable Mention  | Mills Godwin High School             | Todd Phillips      | Richmond        | VA    |
| 2365          | A           | Honorable Mention  | Evanston Township High School        | Mark Vondracek     | Evanston        | IL    |
| 2366          | B           | Honorable Mention  | Evanston Township High School        | Mark Vondracek     | Evanston        | IL    |
| 2368          | B           | Honorable Mention  | Evanston Township High School        | Mark Vondracek     | Evanston        | IL    |
| 2369          | A           | Honorable Mention  | Evanston Township High School        | Mark Vondracek     | Evanston        | IL    |
| 2371          | A           | Honorable Mention  | Evanston Township High School        | Mark Vondracek     | Evanston        | IL    |

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|---------------|-------------|--------------------|--|----------------|-----------------|----|
| 2375          | B           | Honorable Mention  | Illinois Mathematics and Science Academy         | Steven Condie  | Aurora          | IL |
| 2381          | B           | Honorable Mention  | Illinois Mathematics and Science Academy         | Steven Condie  | Aurora          | IL |
| 2383          | B           | Honorable Mention  | Illinois Mathematics and Science Academy         | Steven Condie  | Aurora          | IL |
| 2384          | A           | Honorable Mention  | Evanston Township High School                    | Peter DeCraene | Evanston        | IL |
| 2386          | A           | Honorable Mention  | Evanston Township High School                    | Peter DeCraene | Evanston        | IL |
| 2390          | A           | Honorable Mention  | Evanston Township High School                    | Peter DeCraene | Evanston        | IL |
| 2399          | B           | Honorable Mention  | Arkansas School for Math & Science               | bruce turkal   | hot springs     | AR |
| 2401          | A           | Honorable Mention  | Arkansas School for Math & Science               | bruce turkal   | hot springs     | AR |
| 2414          | A           | Honorable Mention  | Illinois Mathematics and Science Academy         | Steven Condie  | Aurora          | IL |
| 2415          | B           | Honorable Mention  | Chesterfield County Mathematics and Science High | Pete Peterson  | Midlothian      | VA |
| 2416          | A           | Honorable Mention  | Chesterfield County Mathematics and Science High | Pete Peterson  | Midlothian      | VA |
| 2419          | A           | Honorable Mention  | Chesterfield County Mathematics and Science High | Pete Peterson  | Midlothian      | VA |
| 2420          | A           | Honorable Mention  | Chesterfield County Mathematics and Science High | Pete Peterson  | Midlothian      | VA |
| 2421          | B           | Honorable Mention  | Chesterfield County Mathematics and Science High | Pete Peterson  | Midlothian      | VA |
| 2423          | B           | Honorable Mention  | Chesterfield County Mathematics and Science High | Pete Peterson  | Midlothian      | VA |
| 2427          | B           | Honorable Mention  | Chesterfield County Mathematics and Science High | Pete Peterson  | Midlothian      | VA |
| 2429          | A           | Honorable Mention  | Glenbrook North HS                               | Brad Benson    | Northbrook      | IL |
| 2430          | B           | Honorable Mention  | Glenbrook North HS                               | Brad Benson    | Northbrook      | IL |
| 2431          | B           | Honorable Mention  | Pinetree Secondary School                        | George Lin     | Coquitlam       | BC |
| 2432          | A           | Honorable Mention  | Madison East High School                         | Cynthia Chin   | Madison         | WI |
| 2433          | A           | Honorable Mention  | Madison East High School                         | Cynthia Chin   | Madison         | WI |
| 2436          | A           | Honorable Mention  | Madison East High School                         | Cynthia Chin   | Madison         | WI |
| 2437          | B           | Honorable Mention  | The Hotchkiss School                             | Marta Eso      | Lakeville       | CT |
| 2438          | A           | Honorable Mention  | The Hotchkiss School                             | Marta Eso      | Lakeville       | CT |
| 2439          | A           | Honorable Mention  | Hanyoung Foreign Language High School            | Hongshick Jang | Seoul           |    |

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|---------------|-------------|--------------------|--|------------------|-----------------|-----|
| 2441          | A           | Honorable Mention  | Hanyoung Foregn Language High School           | Hongshick Jang   | Seoul           |     |
| 2442          | B           | Honorable Mention  | Hanyoung Foregn Language High School           | Hongshick Jang   | Seoul           |     |
| 2443          | B           | Honorable Mention  | Hanyoung Foregn Language High School           | Hongshick Jang   | Seoul           |     |
| 2444          | B           | Honorable Mention  | Hanyoung Foregn Language High School           | Hongshick Jang   | Seoul           |     |
| 2446          | B           | Honorable Mention  | Hanyoung Foregn Language High School           | Hongshick Jang   | Seoul           |     |
| 2447          | A           | Honorable Mention  | Hanyoung Foregn Language High School           | Hongshick Jang   | Seoul           |     |
| 2448          | B           | Honorable Mention  | Hanyoung Foregn Language High School           | Hongshick Jang   | Seoul           |     |
| 2452          | B           | Honorable Mention  | Hanyoung Foregn Language High School           | Hongshick Jang   | Seoul           |     |
| 2457          | A           | Honorable Mention  | North Cedar Schools                            | Vicki Hamdorf    | Stanwood        | IA  |
| 2462          | B           | Honorable Mention  | Davis Senior High School                       | Gregory Shinault | Davis           | CA  |
| 2463          | B           | Honorable Mention  | Natomas High School                            | Gregory Shinault | Davis           | CA  |
| 2465          | B           | Honorable Mention  | De La Salle Collegiate High School             | Michael Kosciuk  | Warren          | MI  |
| 2466          | B           | Honorable Mention  | City Charter High School                       | Marshall Kohnen  | Pittsburgh      | PA  |
| 2470          | A           | Honorable Mention  | City Charter High School                       | Marshall Kohnen  | Pittsburgh      | PA  |
| 2472          | A           | Honorable Mention  | Kent School                                    | Jessica Watkin   | Kent            | CT  |
| 2484          | A           | Honorable Mention  | Mississippi School for Mathematics and Science | Claudia Carter   | Columbus        | MS  |
| 2496          | A           | Honorable Mention  | John Burroughs High School                     | Narineh Barzegar | Burbank         | CA  |
| 2499          | A           | Honorable Mention  | John Burroughs High School                     | Narineh Barzegar | Burbank         | CA  |
| 2503          | A           | Honorable Mention  | Frontier Regional School                       | Garrett Deane    | South Deerfield | MA  |
| 2505          | A           | Honorable Mention  | Frontier Regional School                       | Garrett Deane    | South Deerfield | MA  |
| 2510          | B           | Honorable Mention  | Frontier Regional School                       | Garrett Deane    | South Deerfield | MA  |
| 2515          | A           | Honorable Mention  | American School of Dubai                       | Jasper Adviento  | Dubai           | UAE |
| 2520          | B           | Honorable Mention  | American School of Dubai                       | Jasper Adviento  | Dubai           | UAE |
| 2527          | A           | Honorable Mention  | Shenandoah CSD                                 | Jenny Stephens   | Shenandoah      | IA  |

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| <u>Ctrl #</u>                        | <u>Prob</u> | <u>Designation</u>     | <u>Institution</u>                                  | <u>Advisor</u>     | <u>Location</u> |      |
|--------------------------------------|-------------|------------------------|---|--------------------|-----------------|------|
| <b><u>Successful Participant</u></b> |             |                        |   |                    |                 |      |
| 2223                                 | B           | Successful Participant | Shanghai Foreign Language School Affiliated To SISU | Yue Sun            | Shanghai        | Shan |
| 2224                                 | B           | Successful Participant | Shanghai Foreign Language School                    | Yue Sun            | Shanghai        | Shan |
| 2254                                 | A           | Successful Participant | Charter School of Wilmington                        | L Charles Biehl    | Wilmington      | DE   |
| 2256                                 | A           | Successful Participant | Charter School of Wilmington                        | L Charles Biehl    | Wilmington      | DE   |
| 2276                                 | B           | Successful Participant | Massachusetts Academy of Mathematics and Science at | Jim Barys          | Worcester       | MA   |
| 2278                                 | B           | Successful Participant | Massachusetts Academy of Mathematics and Science at | Jim Barys          | Worcester       | MA   |
| 2279                                 | B           | Successful Participant | Massachusetts Academy of Mathematics and Science at | Jim Barys          | Worcester       | MA   |
| 2281                                 | A           | Successful Participant | Massachusetts Academy of Mathematics and Science at | Jim Barys          | Worcester       | MA   |
| 2283                                 | B           | Successful Participant | Massachusetts Academy of Mathematics and Science at | Jim Barys          | Worcester       | MA   |
| 2284                                 | B           | Successful Participant | Massachusetts Academy of Mathematics and Science at | Jim Barys          | Worcester       | MA   |
| 2297                                 | A           | Successful Participant | Hong Kong International School                      | William Stork      | Tai Tam         | hong |
| 2302                                 | B           | Successful Participant | Hong Kong International School                      | Edgar Fong         | Tai Tam         |      |
| 2316                                 | B           | Successful Participant | Dubuque Hempstead High School                       | Rita Crotty        | Dubuque         | IA   |
| 2317                                 | A           | Successful Participant | Powhatan High School                                | Diane Leighty      | Powhatan        | VA   |
| 2318                                 | A           | Successful Participant | North Springs Charter School                        | Scott Hetherington | Atlanta         | Ga   |
| 2319                                 | B           | Successful Participant | North Springs Charter School                        | Scott Hetherington | Atlanta         | Ga   |
| 2321                                 | A           | Successful Participant | North Springs Charter School                        | Scott Hetherington | Atlanta         | Ga   |
| 2323                                 | A           | Successful Participant | North Springs Charter School                        | Scott Hetherington | Atlanta         | Ga   |
| 2324                                 | A           | Successful Participant | North Springs Charter School                        | Scott Hetherington | Atlanta         | Ga   |
| 2327                                 | A           | Successful Participant | North Springs Charter School                        | Scott Hetherington | Atlanta         | Ga   |
| 2329                                 | A           | Successful Participant | North Springs Charter School                        | Scott Hetherington | Atlanta         | Ga   |
| 2330                                 | A           | Successful Participant | North Springs Charter School                        | Scott Hetherington | Atlanta         | Ga   |
| 2331                                 | A           | Successful Participant | North Springs Charter School                        | Scott Hetherington | Atlanta         | Ga   |
| 2334                                 | A           | Successful Participant | NC School of Science and Mathematics                | Daniel Teague      | Durham          | NC   |

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|---------------|-------------|------------------------|--|------------------|-----------------|------|
| 2339          | A           | Successful Participant | Maggie Walker Governor's School                  | John Barnes      | Richmond        | VA   |
| 2341          | A           | Successful Participant | Maggie Walker Governor's School                  | John Barnes      | Richmond        | VA   |
| 2342          | A           | Successful Participant | Montpelier High School                           | Susan Beem       | Montpelier      | VT   |
| 2343          | A           | Successful Participant | Montpelier High School                           | Susan Beem       | Montpelier      | VT   |
| 2344          | A           | Successful Participant | Montpelier High School                           | Susan Beem       | Montpelier      | VT   |
| 2345          | B           | Successful Participant | Montpelier High School                           | Susan Beem       | Montpelier      | VT   |
| 2346          | B           | Successful Participant | Montpelier High School                           | Susan Beem       | Montpelier      | VT   |
| 2348          | A           | Successful Participant | Hanyoung Foregn Language High School             | Hongshick Jang   | Seoul           |      |
| 2351          | B           | Successful Participant | Hanyoung Foregn Language High School             | Hongshick Jang   | Seoul           |      |
| 2367          | B           | Successful Participant | Evanston Township High School                    | Mark Vondracek   | Evanston        | IL   |
| 2374          | B           | Successful Participant | Madrid Waddington Central School                 | Sandra Ruddy     | Madrid          | NY   |
| 2382          | B           | Successful Participant | Evanston Township High School                    | Peter DeCraene   | Evanston        | IL   |
| 2392          | A           | Successful Participant | Evanston Township High School                    | Peter DeCraene   | Evanston        | IL   |
| 2407          | B           | Successful Participant | Winterset Junior High                            | Danielle Shelley | Winterset       | IA   |
| 2408          | A           | Successful Participant | Winterset Junior High                            | Danielle Shelley | Winterset       | IA   |
| 2409          | A           | Successful Participant | Winterset Junior High                            | Danielle Shelley | Winterset       | IA   |
| 2410          | B           | Successful Participant | Winterset Junior High                            | Danielle Shelley | Winterset       | IA   |
| 2411          | A           | Successful Participant | Winterset Junior High                            | Danielle Shelley | Winterset       | IA   |
| 2417          | B           | Successful Participant | Chesterfield County Mathematics and Science High | Pete Peterson    | Midlothian      | VA   |
| 2418          | B           | Successful Participant | Chesterfield County Mathematics and Science High | Pete Peterson    | Midlothian      | VA   |
| 2428          | B           | Successful Participant | Hong Kong International School                   | William Stork    | Tai Tam         | hong |
| 2440          | B           | Successful Participant | Hanyoung Foregn Language High School             | Hongshick Jang   | Seoul           |      |
| 2445          | B           | Successful Participant | Hanyoung Foregn Language High School             | Hongshick Jang   | Seoul           |      |
| 2449          | B           | Successful Participant | Hanyoung Foregn Language High School             | Hongshick Jang   | Seoul           |      |
| 2450          | A           | Successful Participant | Hanyoung Foregn Language High School             | Hongshick Jang   | Seoul           |      |

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|---------------|-------------|------------------------|--|------------------|-----------------|-----|
| 2451          | B           | Successful Participant | Hanyoung Foreign Language High School          | Hongshick Jang   | Seoul           |     |
| 2458          | A           | Successful Participant | North Cedar Schools                            | Vicki Hamdorf    | Stanwood        | IA  |
| 2459          | A           | Successful Participant | North Cedar Schools                            | Vicki Hamdorf    | Stanwood        | IA  |
| 2464          | B           | Successful Participant | Natomas High School                            | Gregory Shinault | Davis           | CA  |
| 2467          | A           | Successful Participant | City Charter High School                       | Marshall Kohnen  | Pittsburgh      | PA  |
| 2468          | A           | Successful Participant | City Charter High School                       | Marshall Kohnen  | Pittsburgh      | PA  |
| 2469          | A           | Successful Participant | City Charter High School                       | Marshall Kohnen  | Pittsburgh      | PA  |
| 2473          | A           | Successful Participant | Kent School                                    | Jessica Watkin   | Kent            | CT  |
| 2479          | A           | Successful Participant | Kent School                                    | Jessica Watkin   | Kent            | CT  |
| 2482          | B           | Successful Participant | Mississippi School for Mathematics and Science | Claudia Carter   | Columbus        | MS  |
| 2494          | B           | Successful Participant | John Burroughs High School                     | Narineh Barzegar | Burbank         | CA  |
| 2497          | B           | Successful Participant | John Burroughs High School                     | Narineh Barzegar | Burbank         | CA  |
| 2498          | B           | Successful Participant | John Burroughs High School                     | Narineh Barzegar | Burbank         | CA  |
| 2500          | B           | Successful Participant | Frontier Regional School                       | Garrett Deane    | South Deerfield | MA  |
| 2501          | B           | Successful Participant | Frontier Regional School                       | Garrett Deane    | South Deerfield | MA  |
| 2502          | B           | Successful Participant | Frontier Regional School                       | Garrett Deane    | South Deerfield | MA  |
| 2504          | B           | Successful Participant | Frontier Regional School                       | Garrett Deane    | South Deerfield | MA  |
| 2506          | B           | Successful Participant | Frontier Regional School                       | Garrett Deane    | South Deerfield | MA  |
| 2507          | B           | Successful Participant | Frontier Regional School                       | Garrett Deane    | South Deerfield | MA  |
| 2508          | B           | Successful Participant | Frontier Regional School                       | Garrett Deane    | South Deerfield | MA  |
| 2509          | B           | Successful Participant | Frontier Regional School                       | Garrett Deane    | South Deerfield | MA  |
| 2511          | B           | Successful Participant | Frontier Regional School                       | Garrett Deane    | South Deerfield | MA  |
| 2512          | B           | Successful Participant | Frontier Regional School                       | Garrett Deane    | South Deerfield | MA  |
| 2513          | A           | Successful Participant | American School of Dubai                       | Jasper Adviento  | Dubai           | UAE |
| 2514          | B           | Successful Participant | American School of Dubai                       | Jasper Adviento  | Dubai           | UAE |

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|---------------|-------------|------------------------|--------------------------|-----------------|-----------------|-----|
| 2516          | A           | Successful Participant | American School of Dubai | Jasper Adviento | Dubai           | UAE |
| 2517          | B           | Successful Participant | American School of Dubai | Jasper Adviento | Dubai           | UAE |
| 2518          | B           | Successful Participant | American School of Dubai | Jasper Adviento | Dubai           | UAE |
| 2519          | B           | Successful Participant | American School of Dubai | Jasper Adviento | Dubai           | UAE |
| 2525          | B           | Successful Participant | Shenandoah CSD           | Jenny Stephens  | Shenandoah      | IA  |
| 2528          | A           | Successful Participant | Shenandoah CSD           | Jenny Stephens  | Shenandoah      | IA  |
| 2529          | B           | Successful Participant | Shenandoah CSD           | Jenny Stephens  | Shenandoah      | IA  |
| 2530          | B           | Successful Participant | North Cedar Schools      | Vicki Hamdorf   | Stanwood        | IA  |