

Statistics for 2011 TCRSF

At TCRSF, 449 students registered for projects & 147 for papers = 596 student registrations (505 unique students)

TCRSF projects, 109 students presented 100 - HS projects,
144 students presented 133 - 8th grade projects,
135 students presented 125 - 7th projects, and
61 students presented 58 - 6th grade projects.
32 projects requested electricity, 3 project requested floor

TCRSF papers: 38 middle school papers and 103 high school papers

At MN State, Twin Cities took 121/347 = **34.9% of the project awards at state**

Twin Cities took 3/12 = **25% of the middle school paper awards at state**

At JSHS (3 state), Twin Cities took 6/13 = **46.2% of the total HS paper awards at state and**

Twin Cities took 3/5 = **60% of the HS papers sent to National JSHS in San Diego**

Competing at state from TCRSF: (projects, not students; team project counts as one)

6th grade: not eligible

7th grade: 28/125 projects = 22.4% of 7th grade projects from TCRSF to state

8th grade: 24/133 projects = 18.0% of 8th grade projects from TCRSF to state

Middle school: 52/258 projects = 20.2% of middle school projects from TCRSF to state

High School: 55/100 projects = 55.0% of high school projects from TCRSF to state

Total of 107 / (416 total less 58 6th grade = 358 eligible projects) = 29.9% sent to state overall

Competing at state middle school papers: 12/30 (only grades 7-8) = 40% of those able to advance and

Competing at Tri-State JSHS for high school papers: 30/103 papers = 29% of all HS papers to advance

National Broadcom MASTERS (grades 5-8): **38 students advanced from TCRSF** (top 10% of each affiliation) and **8 TCRSF students** advanced from the state science fair. **Carolyn Jons** won a trip to compete in the **national finals** in Washington, D.C. and won the **national Rising Star award**, an all-expense paid trip to 2012 ISEF (international science fair) in Pittsburgh, PA.

At the Tri-state regional Jr. Science & Humanities Symposium (JSHS, research paper competition),
Advancing to National JSHS:

2nd place – Evan Chen (competed at National JSHS)

3rd place – Paimon Pakzad (competed in poster competition at National JSHS)

4th place – Naveen Jain (observer at National JSHS)

At International Science & Engineering Fair (ISEF), TCRSF had 6 individual projects (3 from Twin Cities, 2 from Western Suburbs, & 1 from St Paul) and no team projects competing plus we named 4 alternate projects (1 individual & 3 teams of 2 projects) – All 6 ISEF finalists and all 7 alternate students attended ISEF. From state science fair, Twin Cities had two more individual finalists and one more alternate to ISEF, all of whom attended.

At ISEF **all finalists** won an ISEF medal, certificate, & Mathematica for Students software by Wolfram Research, Inc. **In addition, we brought home 4 ISEF awards from our 6 projects & another 4 ISEF awards from our 2 projects sent to ISEF from state** Additional awards at ISEF:

Andrew Ylitalo, 4th Grand Award of \$500

Gavin Ovsak, 4th Grand Award of \$500

Andrew Ylitalo, American Statistical Association certificate of Honorable Mention

Gavin Ovsak, National Collegiate Inventors and Innovators Alliance/The Lemelson Foundation \$1000

Evan Chen (from state), 3rd Grand Award of \$1000

Anushua Bhattacharya (from state), 3rd Grand Award of \$1000

Evan Chen (from state), Air Force First Award of \$3,000

Evan Chen (from state), American Intellectual Property Law Association 2nd Award of \$250

ISWEEEP (International Sustainable World Energy Engineering Environment Project Olympiad)

Gold medal – Addison Weiler

Bronze medal – David Fuad, Hari Ganti, Matthew Hackner

US Navy medal – Hari Ganti

US Airforce certificate – Addison Weiler

See additional awards won by TCRSF students on the back.

Additional awards won by TCRSF students:

Top 5 in the world in his age category in the 1st international Google Science Fair (2011)

Gavin Ovsak

2011 Finalist Intel National Science Talent Search (40 finalists in the nation)

Prithwis Mukhopadhyay

2010-11 Siemens Competition Math, Science & Technology Semifinalists from Twin Cities:

Emily Alper, Breck School, Minneapolis

Emily Cherkassky, Edina High School, Edina

Eleanor Haeg, Breck School, Minneapolis

James Lettow, Edina High School, Edina

Prithwis Mukhopadhyay, Woodbury High School, Woodbury

Aris Prince, Breck School, Minneapolis

Bo Sun, Wayzata High School, Plymouth

Roshny Vijayakar, Breck School, Minneapolis

Lawrence Wang, Wayzata High School, Plymouth

Addison Weiler, Breck School, Minneapolis

Ami Yamamoto, Hopkins High School, Minnetonka

2011 finalist in the *sanofi-aventis* U.S. National BioGENEius Challenge

Evan Chen, Plymouth, MN

2011 Minnesota Scholar of Distinction in Leadership: Addison Weiler

2011 Minnesota Scholar of Distinction in Mathematics: Prithwis Mukhopadhyay, Samarth Damania, Caleb Kumar, Ishmam Ahmed

2011 Minnesota Scholar of Distinction in Science: Prithwis Mukhopadhyay, Ellie Haeg, Roshny Vijayakar, Pakzad Paimon, Ishmam Ahmed, Evan Chen, Duligur Ibeling, Bo Sun, Lawrence Wang, Jain Naveen

2011 Minnesota Scholars of Meritorious Performance in Science: David Fuad, Matthew Hackner, Cara Kowalchyk, Michael Portu, Andrew Ylitalo, Alex Spencer

August 2010 Davidson Institute \$10,000 Scholarship – Gavin Ovsak

August 2011 Davidson Institute \$25,000 Scholarship – Caleb Kumar

Inducted into the National Gallery for America's Young Inventors - (1 of 5 inducted nationally)

Gavin Ovsak

2011 Broadcom MASTERS™ finalist, Carolyn Jones; also won national Rising Star award at nationals (trip to ISEF 2012)