

Science Fair & JSHS 2010 Award Recipients

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3M Foundation

Award ↑	Place ↑	Won By ↑		Title ↑	Region ↑	Grade ↑	School ↑	Gender City ↑		# Fairs ↑
3M Innovation Award	High School 1st Place	Serena	Christina	<i>Phase I of II: Designing and Fabricating a Wind tunnel for Wind Turbine Efficiency Testing Abstract</i>	Northeast	11	Babbitt Secondary	Female	Babbitt	3rd
3M Innovation Award	High School 2nd Place	Ylitalo	Andy	<i>Windows of the Future: Saving Energy Year-Round Abstract</i>	Twin Cities	9	Oak Land Junior High	Male	Stillwater	3rd
3M Innovation Award	Middle School 1st Place	Grundtner	Jenna	<i>Light and Vitamin C Abstract</i>	Twin Cities	7	Presentation Of Mary School	Female	Maplewood	1st
3M Innovation Award	Middle School 2nd Place	Woell	Rachel	<i>Acid Rain Abstract</i>	Twin Cities	7	St. Charles Borromeo School, Minneapolis	Female	New Brighton	1st

Acoustical Society of America, Upper Midwest Chapter

Award ↑	Place ↑	Won By ↑		Title ↑	Region ↑	Grade ↑	School ↑	Gender City ↑		# Fairs ↑
Acoustical Society of America Excellence in Acoustics	1st Place	Deziel	Robby	<i>Which common materials work best for sound-proofing? Abstract</i>	South Central, Southwest	8	All Saints Catholic School	Male	Lakeville	1st
Acoustical Society of America Excellence in Acoustics	2nd Place	Schears	Markayle	<i>Sweet Sounds Abstract</i>	Rochester	9	Century High School	Female	Rochester	1st
Acoustical Society of America Excellence in Acoustics	Middle School - Honorable Mention	Klein	Mikayla	<i>The Sound Of Tap Shoes Abstract</i>	Twin Cities	7	Murray Junior High School	Female	St. Paul	1st

Ecolab Foundation

Award ↑	Place ↑	Won By ↑		Title ↑	Region ↑	Grade ↑	School ↑	Gender City ↑		# Fairs ↑
AJAS 2009	Alternate									
AJAS 2009	Alternate									
AJAS 2009	Winner									
AJAS 2009	Winner									

American Chemical Society, Minnesota Section / ACS

Award	Place	Won By	Title	Region	Grade	School	Gender	City	# Fairs
American Chemical Society Award	High School - 1st Place	Mokhtari Daniel	<i>Medicinal applications of bis(trimethylsilyl)acetylene in copper(I)-catalyzed azide-alkyne "click" chemistry</i> Abstract	Twin Cities	12	Breck School, Minneapolis	Male	Eden Prairie	3rd
American Chemical Society Award	High School - Honorable Mention	Ruedinger Vince	<i>What is Wood Gas and how efficient is it?</i> Abstract	Rochester	11	Mayo High School	Male	Rochester	4th
American Chemical Society Award	High School - Honorable Mention	Duke Marlena	<i>Phantom Pharmaceuticals: What effect does ibuprofen treated with ultraviolet light in clear lake water (Lake Superior) and tannic stained river water (St. Louis River) have on Daphnia magna's reproduction and survival: Phase II?</i> Abstract	Northeast	9	Cloquet High School	Female	Cloquet	2nd
		Moynan Angela			9	Cloquet High School	Female	Cloquet	2nd
American Chemical Society Award	High School - Honorable Mention	Baker Samantha	<i>In Vitro Determination of the Effects of Bisphenol-A on Viable Cells</i> Abstract	South Central, Southwest	12	Westbrook-Walnut Grove High School	Female	Revere	3rd
American Chemical Society Award	Middle School - 1st Place	Grundtner Jenna	<i>Light and Vitamin C</i> Abstract	Twin Cities	7	Presentation Of Mary School	Female	Maplewood	1st
American Chemical Society Award	Middle School - Honorable Mention	Prchal Brian	<i>Can the amount of calories in food be determined by using a homemade calorimeter?</i> Abstract	South Central, Southwest	7	New Prague Middle School	Male	Montgomery	1st
American Chemical Society Award	Middle School - Honorable Mention	Militzer Josiah	<i>What Stinks</i> Abstract	Western	7	Park Christian School	Male	Moorhead	1st
American Chemical Society Award	Middle School - Honorable Mention	Hayes Daniel	<i>How Long Does It Take For Milk To Sour?</i> Abstract	South Central, Southwest	7	New Ulm Area Catholic School	Male	Lafayette	1st

American Fisheries Society (MN Chapter)

Award	Place	Won By	Title	Region	Grade	School	Gender	City	# Fairs
American Fisheries Society Award Excellence Award	High School	Wang Lina	<i>Darter Communities: Their Status in Turbidity Impaired Waters of the Greater Blue Earth River Basin</i> Abstract	South Central, Southwest	12	Loyola High School	Female	Mankato	5th
American Fisheries	Middle School	Litke Katelyn	<i>The Use of Corn Gluten to</i>	Northeast	8	Cloquet Middle	Female	Cloquet	2nd

Society Award Excellence Award				Control Green Algae in Lakes —Phase II Abstract			School			
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American Meteorological Society

Award	Place	Won By		Title	Region	Grade	School	Gender	City	# Fairs
↑	↑	↑		↑	↑	↑	↑	↑	↑	↑
American Meteorological Society Award	High School - National & Minnesota Section Winner	Dunn	Janelle	<i>Effects of Land Use on Dissolved Oxygen Levels and Macroinvertebrate Populations in Clearwater County (Year 2) Abstract</i>	Northern	11	Bagley Secondary School	Female	Bagley	3rd
		Stinar	Kylie			11		Female	Bagley	2nd
							Bagley Secondary School			
American Meteorological Society Award	Middle School Winner	Blosberg	Emily	<i>Does Earth Weather Affect HF Amateur Radio Frequency Signal Strength? Abstract</i>	Twin Cities	7	Cyber Village Academy	Female	Shoreview	1st

American Psychological Association

Award	Place	Won By		Title	Region	Grade	School	Gender	City	# Fairs
↑	↑	↑		↑	↑	↑	↑	↑	↑	↑
American Psychological Association Award	Winner	Leighton	Jean	<i>Who Am I? The Role Situational Factors Play When Understanding the Self-Concept Abstract</i>	Southeast	10	Winona High School	Female	Winona	2nd

ASM Materials Education Foundation

Award	Place	Won By		Title	Region	Grade	School	Gender	City	# Fairs
↑	↑	↑		↑	↑	↑	↑	↑	↑	↑
ASM Materials Education Foundation Award	Winner	Holman	Viola	<i>How Does Stent Design Geometry Affect Quality of Performance Abstract</i>	Twin Cities	8	Murray Junior High School	Female	St. Paul	2nd

Association for Women Geoscientists

Award	Place	Won By		Title	Region	Grade	School	Gender	City	# Fairs
↑	↑	↑		↑	↑	↑	↑	↑	↑	↑
Association for Women Geoscientists Award	High School - 1st Place	Jackson	Courtney	<i>The Coranae Paradox: The use of Magellan radar data to determine the overall geologic history of circular lows on Venus, in order to determine the process(es) of coranae formation—Phase III Abstract</i>	Northeast	11	Cloquet High School	Female	Cloquet	4th
Association for Women Geoscientists Award	High School - 2nd Place	Derrick	Chelsea	<i>Mission to Mars: The Effect of Space Shuttle Launch Induced Gravity and a Simulated Mars</i>	Northeast	9	Cloquet High School	Female	Carlton	3rd

				<i>Environment on Tomato Plant Growth Abstract</i>						
Association for Women Geoscientists Award	Middle School - 1st Place	Zippel	Savannah	<i>Optical Mineralogy - Light and Patterns Abstract</i>	South Central, Southwest	8	MN New Country School	Female	Le Sueur	1st
Association for Women Geoscientists Award	Middle School - 2nd Place	Wright	Amanda	<i>Which Soil Mineral Makes the Largest Sinkhole?/What Causes Sinkholes to Sink? Abstract</i>	Southeast	8	La Crescent Middle School	Female	La Crescent	2nd

Beckman Coulter Foundation

Award ↑	Place ↑	Won By ↑		Title ↑	Region ↑	Grade ↑	School ↑	Gender City ↑		# Fairs ↑
Beckman Coulter Award	High School - 1st Place	Persson	Lisa	<i>Which Hand Soap is Best at Inhibiting Bacterial Growth? Abstract</i>	Twin Cities	9	Hopkins West Junior High School	Female	Minnetonka	1st
Beckman Coulter Award	High School - 2nd Place	Obright	Jesse	<i>A Comparison of the Effects of Streptomycin and Coliphage Lambda on Escherichia coli Abstract</i>	Western	12	Perham Senior High School	Male	Dent	1st
Beckman Coulter Award	Middle School - 1st Place	Woog	Samantha	<i>Potlucks: Do You Feel Lucky? Abstract</i>	Rochester	7	Willow Creek Middle School	Female	Rochester	1st
Beckman Coulter Award	Middle School - 2nd Place	Regan	Nathan	<i>Fixing Fruit - The Effect of Fruit Juice on Bacteria Abstract</i>	South Central, Southwest	7	All Saints Catholic School	Male	Lakeville	1st

Ecolab Foundation

Award ↑	Place ↑	Won By ↑		Title ↑	Region ↑	Grade ↑	School ↑	Gender City ↑		# Fairs ↑
Ecolab Food Safety Award	High School	Peterson	Brianna	<i>The Use of Ultraviolet Light in a Low Technology Water Purification System-Phase II Abstract</i>	Northeast	12	Cloquet High School	Female	Carlton	3rd
Ecolab Food Safety Award	Middle School	Campeau	Michelle	<i>How Long Does Salmonella Survive in Different Spreads? Abstract</i>	Southeast	7	Friedell Middle School	Female	Rochester	1st
Ecolab Green Award	High School	Herr	Alexandria	<i>Quantitative Analysis of Wind and Solar Resources in Minnesota Abstract</i>	Twin Cities	9	Valley View Middle School	Female	Edina	2nd
		Weiss	Samuel			9	Edina High School	Male	Edina	2nd
Ecolab Green Award	Middle School	Lin	Marisa	<i>Effects of Fertilizer and Herbicide on the Water Ecosystem Abstract</i>	Rochester	8	Friedell Middle School	Female	Rochester	2nd

General Mills

Award	Place	Won By		Title	Region	Grade	School	Gender	City	# Fairs
↑	↑	↑		↑	↑	↑	↑	↑	↑	↑
General Mills Food & Nutrition Award	High School	Stone	Tiffanie	Identification of a Super Hybrid Rice Variety Guangzhan 635/1128 Using Simple Sequence Repeat Molecular Markers Abstract	Twin Cities	12	Agriculture Food And Sciences Academy	Female	Arden Hills	8th
General Mills Food & Nutrition Award	Middle School	Stone	Heather	Is Cinnamomum Zeylanicum a Sugar Replacer? Abstract	Twin Cities	8	Highview Middle School	Female	Arden Hills	3rd

MAS (MN Academy of Science)

Award	Place	Won By		Title	Region	Grade	School	Gender	City	# Fairs
↑	↑	↑		↑	↑	↑	↑	↑	↑	↑
Grand Awards - Bronze	Winner	Zhao	Roy	A Sudoku Solver in Java Implementing Combination of Backtracking and Brute-force Algorithms (previous called The Ultimate Sudoku Solver in TCRSF) Abstract	Twin Cities	9	Wayzata Senior High School	Male	Medina	1st
Grand Awards - Bronze	Winner	Zaiken	Michael	Mitigating Health Risk by Determining the Best Sealant for the Job Abstract	Rochester	11	Century High School	Male	Rochester	5th
Grand Awards - Bronze	Winner	Xiong	Ying	The Effects of Classical and Country Music on Pinto Bean Plant Growth Abstract	Rochester	9	Century High School	Male	Rochester	1st
Grand Awards - Bronze	Winner	Wyrick	Spencer	Do Objects With Less Texture Slide Down a Ramp Easier? Abstract	Twin Cities	7	Blessed Trinity School	Male	Richfield	1st
Grand Awards - Bronze	Winner	Welu	Elijah	The Effects of Varying Amounts of Commercial Nitrogen Coupled With Natural Legume Produced Nitrogen on Different Com Populations Abstract	South Central, Southwest	8	Milroy Jr. High School	Male	Milroy	2nd
Grand Awards - Bronze	Winner	Welu	Brady	Diagnosing and Treating an Isolated Strain of Swine Influenza Virus Abstract	South Central, Southwest	12	Marshall School	Male	Milroy	6th
Grand Awards - Bronze	Winner	Wang	Lina	Darter Communities: Their Status in Turbidity Impaired Waters of the Greater Blue Earth River Basin Abstract	South Central, Southwest	12	Loyola High School	Female	Mankato	5th
Grand Awards - Bronze	Winner	Walde	Maura	Stain, Stain Go Away Abstract	Twin Cities	7	St. Thomas More Catholic School	Female	St. Paul	1st
Grand Awards - Bronze	Winner	Udenberg	Amelia	The Effect of Rapid Cognition	Northeast	12	Cloquet High	Female	Cloquet	2nd

				(snap decision making) on Standardized Test Scores Abstract			School			
Grand Awards - Bronze	Winner	Stover	Margaret	Are You At a Greater Risk Of Harboring Staphylococcus aureus if You Have a Nose Stud? Abstract	Twin Cities	8	Murray Junior High School	Female	St. Paul	1st
Grand Awards - Bronze	Winner	Stock	Sydney	Leaves vs. Wood: What Burns Better? Abstract	Northeast	7	Woodland Middle School	Female	Duluth	1st
Grand Awards - Bronze	Winner	Stephan	Jeremy	Does Exercise Affect Academic Achievement Abstract	Northeast	7	Holy Rosary School	Male	Duluth	1st
Grand Awards - Bronze	Winner	Shekhar	Apurv	Can Wind Turbines Operate in Marginal Wind Speeds?: A Venturi Approach Abstract	Twin Cities	8	Blake Middle School	Male	Plymouth	1st
Grand Awards - Bronze	Winner	Schultz	Sara	Which Liquid Laundry Detergent is Least Concentrated: Cheer, Tide, or Our Family? Abstract	Southeast	7	Fillmore Central Middle School	Female	Preston	1st
Grand Awards - Bronze	Winner	Schmid	Nathan	The Short-Term Memory Capacity of High School Abstract	Twin Cities	10	Burnsville High School	Male	Burnsville	1st
Grand Awards - Bronze	Winner	Roufs	Ellen	How Does the Type of Fruit Affect the Amount of Edible Portion? Abstract	South Central, Southwest	7	New Ulm Area Catholic School	Female	New Ulm	1st
Grand Awards - Bronze	Winner	Rosemore	Bethany	Global Climate Change; the Influence of Temperature Differentiation on Embryo Female-to-Male Phenotypic and Genotypic Sex Reversal in Medaka Fish, <i>Oryzias latipes</i> . Abstract	Northeast	10	Cloquet High School	Female	Cloquet	4th
		Scheuer	Ben			12	Cloquet High School	Male	Cloquet	5th
Grand Awards - Bronze	Winner	Rogers	Brooke	Let the Sun Shine In: What glass pane(s) scheme is most efficient? Abstract	Twin Cities	8	Murray Junior High School	Female	St. Paul	2nd
Grand Awards - Bronze	Winner	Rieck	Christian	Does talking on a cell phone affect driver inattention? Abstract	Central	7	Kaleidoscope Charter School	Male	Otsego	1st
Grand Awards - Bronze	Winner	Riddle Kimm	Morgan	Does Your Age Affect Your Peripheral Vision? Abstract	Twin Cities	7	Murray Junior High School	Female	St. Paul	1st
Grand Awards - Bronze	Winner	Pallin	Madison	The Best ways to get the worst stains out! Abstract	Northeast	7	Cloquet Middle School	Female	Cloquet	1st
Grand Awards - Bronze	Winner	Ostlie-Olson	Dane	Dirty Water to Drinking Water Abstract	Twin Cities	8	Murray Junior High School	Male	St. Paul	2nd
Grand Awards - Bronze	Winner	Ochs	Michael	Crack The Bat Abstract	Twin Cities	7	St. Helena School, Minneapolis	Male	Minneapolis	1st
Grand Awards - Bronze	Winner	Nordhues	Emilie	What Materials Make the Strongest Paper What	Twin Cities	7	Calvin Christian School	Female	Minneapolis	1st

				Materials Make the Strongest Recycled Paper? Abstract						
Grand Awards - Bronze	Winner	Nicol	Madeline	The Effects of Temperature and Ph on Biological Enzymes in Animal Cells Abstract	Twin Cities	8	Murray Junior High School	Female	St. Paul	1st
Grand Awards - Bronze	Winner	Newman-Heggie	Lydia	Propellers and Propulsion: Experiments with Size and Pitch of Propellers Abstract	Twin Cities	8	Friends School Of MN	Female	St. Paul	2nd
Grand Awards - Bronze	Winner	Nelson	Connor	Bat Meets Ball Abstract	Southeast	7	La Crescent Middle School	Male	La Crescent	1st
Grand Awards - Bronze	Winner	Neff	Trevor	The effect of texture on aerodynamic drag--a wind tunnel analysis Abstract	Northeast	11	Cloquet High School	Male	Cloquet	1st
Grand Awards - Bronze	Winner	Murali	Sachchit	What catches your eye? Abstract	Rochester	7	Friedell Middle School	Male	Rochester	1st
Grand Awards - Bronze	Winner	Moore	Gabriella	Pi(t)c(h)ure Perfect Abstract	Central	9	Learning Alternatives	Female	St. Paul	1st
Grand Awards - Bronze	Winner	Militzer	Josiah	What Stinks Abstract	Western	7	Park Christian School	Male	Moorhead	1st
Grand Awards - Bronze	Winner	Madlom	Alex	Levitation By Magnetization: A More Efficient Source of Wind Energy? Abstract	Western	10	Park Christian School	Male	Fargo	2nd
Grand Awards - Bronze	Winner	Lindquist	Kathryn	Do different packing materials affect an egg's outcome? Abstract	Northeast	8	Holy Rosary School	Female	Hermantown	1st
		Paulson	Haley			8	Holy Rosary School	Female	Duluth	1st
Grand Awards - Bronze	Winner	Larsen	Siri	Waxed or Unwaxed Skis - Which Glide Farther? Abstract	Northeast	8	Woodland Middle School	Female	Duluth	1st
Grand Awards - Bronze	Winner	Krych	Matt	Different Factors and Seed Germination Abstract	Central	8	Jackson Middle School, Champlin	Male	Champlin	2nd
Grand Awards - Bronze	Winner	Klemenhagen	Connor	The Diversification of Turf Grass Species by Means of Biodiversity Abstract	Central	9	Champlin Park High School	Male	Dayton	2nd
Grand Awards - Bronze	Winner	Klein	Mikayla	The Sound Of Tap Shoes Abstract	Twin Cities	7	Murray Junior High School	Female	St. Paul	1st
Grand Awards - Bronze	Winner	Keller	Max	Decomposing Energy Abstract	South Central, Southwest	12	Alden	Male	Alden	2nd
Grand Awards - Bronze	Winner	Johnson	Devin	Yahtzee Anyone? A Comparison of Manually and Computer Generated Random Numbers Abstract	Northeast	7	Woodland Middle School	Male	Duluth	1st
Grand Awards - Bronze	Winner	Jackson	Preston	Stopping Power! The use of non-Newtonian fluids and	Northeast	9	Cloquet High School	Male	Cloquet	2nd

		Lamirande	Alec	other components to stop a projectile and possibly used in a bullet proof vest—Phase III Abstract		9	Cloquet High School	Male	Cloquet	2nd
Grand Awards - Bronze	Winner	Huna	Heather	Fountain of Youth? The Effects of Resveratrol on Lifespan in <i>Drosophila melanogaster</i> Abstract	Twin Cities	8	Stillwater Junior High	Female	Stillwater	1st
Grand Awards - Bronze	Winner	Hirsch	Michael	Do Different Shaped Nose Cones Affect the Drag of a Rocket? Abstract	South Central, Southwest	8	St. Marys School, Sleepy Eye	Male	Sleepy Eye	2nd
Grand Awards - Bronze	Winner	Harvie	Nathaniel	Smokin' Hot Peas - The Effect of Microwave Radiation on <i>Pisum Sativum</i> Abstract	Northeast	8	Woodland Middle School	Male	Duluth	2nd
Grand Awards - Bronze	Winner	Hammel	Caleb	The Effect of Water Turbulence on <i>Stigeoclonium Cultures</i> Abstract	Southeast	8	Winona Middle School	Male	Winona	1st
Grand Awards - Bronze	Winner	Hamann	Elaina	Mosquitoes Abstract	Twin Cities	11	St. Anthony Village Sr. High School	Female	Columbia Heights	5th
Grand Awards - Bronze	Winner	Fontaine	Madeline	Rain, Rain, Don't Wash Away! Abstract	Northeast	8	Woodland Middle School	Female	Duluth	1st
		Johnson	Lauren			8	Woodland Middle School	Female	Duluth	1st
Grand Awards - Bronze	Winner	Ekblad	Ellie	Are Child Proof Containers Really Child Proof? Abstract	Rochester	7	Lincoln K-8 Choice, Rochester	Female	Rochester	1st
		Moen	Macy			7		Female	Rochester	1st
Grand Awards - Bronze	Winner	Duke	Marlena	Phantom Pharmaceuticals: What effect does ibuprofen treated with ultraviolet light in clear lake water (Lake Superior) and tannic stained river water (St. Louis River) have on <i>Daphnia magna</i> 's reproduction and survival: Phase II? Abstract	Northeast	9	Cloquet High School	Female	Cloquet	2nd
		Moynan	Angela			9	Cloquet High School	Female	Cloquet	2nd
Grand Awards - Bronze	Winner	Drummond	Somer	Using reverse vaccinology to identify gene candidates to use in a vaccine to prevent <i>Escherichia coli</i> -induced post-weaning diarrhea in swine (<i>Sus domestica</i>) Abstract	Twin Cities	12	Breck School, Minneapolis	Female	Golden Valley	1st
Grand Awards - Bronze	Winner	Derrick	Chelsea	Mission to Mars: The Effect of Space Shuttle Launch Induced Gravity and a Simulated Mars	Northeast	9	Cloquet High School	Female	Carlton	3rd

				<i>Environment on Tomato Plant Growth Abstract</i>						
Grand Awards - Bronze	Winner	Davies	Nathaniel	<i>Can The Output of a Solar Cell be Increased With The Use of Mirrors or a Magnifying Glass? Abstract</i>	Southeast	8	Winona Middle School	Male	winona	2nd
Grand Awards - Bronze	Winner	Curran	Sarah	<i>Cement Washout vs. The Environment Abstract</i>	Northeast	8	Woodland Middle School	Female	Duluth	1st
Grand Awards - Bronze	Winner	Christensen	Emma	<i>Projectiles: How Velocity Affects Air Restistance Abstract</i>	Central	9	Blaine High School	Female	Blaine	1st
Grand Awards - Bronze	Winner	Chien	Eric	<i>The biological control of invasive soybean aphids (Aphis glycines) through apparent competition Abstract</i>	Twin Cities	12	Breck School, Minneapolis	Male	Golden Valley	1st
Grand Awards - Bronze	Winner	Bryant	Jack	<i>The Effect of Eisenia fedida Exudates on Medicago sativa Abstract</i>	Southeast	8	Winona Middle School	Male	Winona	2nd
Grand Awards - Bronze	Winner	Broderius	Adam	<i>Comparing the Efficiencies of Various Blends of Ethyl Alcohol in a Single Cylinder, Four Stroke Engine Abstract</i>	South Central, Southwest	11	Glencoe-Silver Lake High School	Male	Glencoe	5th
Grand Awards - Bronze	Winner	Bram	Alanna	<i>What is the effect of temperature on the efficiency of a wind turbine? Abstract</i>	Rochester	7	John Adams Middle School	Female	Rochester	2nd
Grand Awards - Bronze	Winner	Berner	Mariah	<i>Daphnia's Response to Human Growth Hormone (HGH) Stimulant Abstract</i>	Northeast	8	Woodland Middle School	Female	Duluth	1st
Grand Awards - Bronze	Winner	Baumgartner	Mary	<i>Are gender stereotypes accurate and does age affect them? Abstract</i>	Northeast	8	Holy Rosary School	Female	Duluth	2nd
Grand Awards - Bronze	Winner	Baker	Samantha	<i>In Vitro Determination of the Effects of Bisphenol-A on Viable Cells Abstract</i>	South Central, Southwest	12	Westbrook-Walnut Grove High School	Female	Revere	3rd
Grand Awards - Bronze	Winner	Arpin	Nicole	<i>Fratres Contra Sorores: A Study of Siblings Abstract</i>	Rochester	9	Schaeffer Academy	Female	Oronoco	2nd
Grand Awards - Gold	Winner	Stone	Tiffanie	<i>Identification of a Super Hybrid Rice Variety Guangzhan 635/1128 Using Simple Sequence Repeat Molecular Markers Abstract</i>	Twin Cities	12	Agriculture Food And Sciences Academy	Female	Arden Hills	8th
Grand Awards - Gold	Winner	Shekhar	Apurv	<i>Can Wind Turbines Operate in Marginal Wind Speeds?: A Venturi Approach Abstract</i>	Twin Cities	8	Blake Middle School	Male	Plymouth	1st
Grand Awards - Gold	Winner	Schmitz	Ryan	<i>Cool Magnets Abstract</i>	Central	8	Salk Middle School	Male	Rogers	1st

Grand Awards - Gold	Winner	Prchal	Brian	Can the amount of calories in food be determined by using a homemade calorimeter? Abstract	South Central, Southwest	7	New Prague Middle School	Male	Montgomery	1st
Grand Awards - Gold	Winner	Ovsak	Gavin	An Efficiency Study of a Head Controlled Computer Interface Using Embedded Circuitry Abstract	Twin Cities	11	Eden Prairie High School	Male	Hopkins	1st
Grand Awards - Gold	Winner	Morris	Charles	Role of PKC ι / λ in carrageenan-induced inflammatory pain response Abstract	Twin Cities	12	Breck School, Minneapolis	Male	Minnetonka	1st
Grand Awards - Gold	Winner	Mokhtari	Daniel	Medicinal applications of bis(trimethylsilyl)acetylene in copper(I)-catalyzed azide-alkyne "click" chemistry Abstract	Twin Cities	12	Breck School, Minneapolis	Male	Eden Prairie	3rd
Grand Awards - Gold	Winner	Mai	Gavin	Mathematical Algorithms In Imaging Abstract	Rochester	8	Friedell Middle School	Male	Rochester	2nd
Grand Awards - Gold	Winner	Lin	Marisa	Effects of Fertilizer and Herbicide on the Water Ecosystem Abstract	Rochester	8	Friedell Middle School	Female	Rochester	2nd
Grand Awards - Gold	Winner	Lax	Nathan	Diverse Fuels: Engine Efficiencies and the Impact on Air Quality Abstract	South Central, Southwest	8	St. Marys School, Sleepy Eye	Male	Sleepy Eye	2nd
Grand Awards - Gold	Winner	Kumar	Hannah	Effects of Chilling Stress on Glutathione Cycle in Spinach (<i>Spinacia oleracea</i>) Abstract	Twin Cities	12	Breck School, Minneapolis	Female	Blaine	1st
Grand Awards - Gold	Winner	Holman	Viola	How Does Stent Design Geometry Affect Quality of Performance Abstract	Twin Cities	8	Murray Junior High School	Female	St. Paul	2nd
Grand Awards - Gold	Winner	Harter	Sarah	Fast-food Versus Sit-down: Table Cleanliness based on Aerobe and Coliform Tests Abstract	Central	12	Blaine High School	Female	Coon Rapids	2nd
Grand Awards - Gold	Winner	Gupta	Aditi	A Tale Of Two Fertilizers: Comparing The Effects of <i>Azospirillum brasilense</i> And Arbuscular Mycorrhizae On Non-Leguminous Plants Abstract	Twin Cities	9	Blake Upper School	Female	Minnetonka	2nd
Grand Awards - Gold	Winner	Glenna	Katelyn	Effects of Sound Waves on Mating Behaviors in <i>Drosophila melanogaster</i> Abstract	Southeast	11	Winona High School	Female	Minnesota City	1st
		Quandahl	Samantha			11	Winona High School	Female	Winona	1st
		Wildenborg	Alli			11	Winona High School	Female	Winona	1st
						Winona High School		Winona		

Grand Awards - Gold	Winner	Danley	Matthew	<i>Saving the Earth: One Drop at a Time</i> Abstract	Twin Cities	7	St. Pascal School	Male	Woodbury	1st
Grand Awards - Gold	Winner	Damle	Namrata	<i>Chute for More!</i> Abstract	Rochester	8	Friedell Middle School	Female	ROCHESTER	2nd
Grand Awards - Gold	Winner	Campeau	Michelle	<i>How Long Does Salmonella Survive in Different Spreads?</i> Abstract	Southeast	7	Friedell Middle School	Female	Rochester	1st
Grand Awards - Gold	Winner	Berglund	Spencer	<i>Autonomous Robotic Rubik's Cube Solver</i> Abstract	Rochester	9	Mayo High School	Male	Rochester	1st
		Campeau	David			9	Mayo High School	Male	Rochester	3rd
Grand Awards - Silver	Winner	Ylitalo	Andy	<i>Windows of the Future: Saving Energy Year-Round</i> Abstract	Twin Cities	9	Oak Land Junior High	Male	Stillwater	3rd
Grand Awards - Silver	Winner	Wright	Amanda	<i>Which Soil Mineral Makes the Largest Sinkhole?/What Causes Sinkholes to Sink?</i> Abstract	Southeast	8	La Crescent Middle School	Female	La Crescent	2nd
Grand Awards - Silver	Winner	Ulrich	Mark	<i>The Mind Surfer: Using Accelerometers as User Input Devices</i> Abstract	Twin Cities	12	Southwest High School	Male	Minneapolis	1st
Grand Awards - Silver	Winner	Stone	Heather	<i>Is Cinnamomum Zeylanicum a Sugar Replacer?</i> Abstract	Twin Cities	8	Highview Middle School	Female	Arden Hills	3rd
Grand Awards - Silver	Winner	Steffl	Andrew	<i>The Effects of Bio-filters on Phosphorus Runoff</i> Abstract	South Central, Southwest	8	St. Marys School, Sleepy Eye	Male	Sleepy Eye	2nd
Grand Awards - Silver	Winner	Sherman	David	<i>Are fair dice fair?</i> Abstract	Twin Cities	7	Capitol Hill School	Male	St. Paul	1st
Grand Awards - Silver	Winner	Serena	Christina	<i>Phase I of II: Designing and Fabricating a Wind tunnel for Wind Turbine Efficiency Testing</i> Abstract	Northeast	11	Babbitt Secondary	Female	Babbitt	3rd
Grand Awards - Silver	Winner	Sawchuk	Ander	<i>Conquering An Epidemic</i> Abstract	Western	8	Park Christian School	Male	Fargo	2nd
Grand Awards - Silver	Winner	Sather	Karin	<i>The Effects of Urbanization: What are the Effects of Land Use on Macroinvertebrate Biodiversity and Water Quality in the Elm Creek Water Shed?</i> Abstract	Central	11	Champlin Park High School	Female	Champlin	3rd
Grand Awards - Silver	Winner	Renier	Tim	<i>Are We Washing Our Hands Well Enough? What is the Most Effective Type of Hand Hygiene Intervention?</i> Abstract	Northeast	7	Holy Rosary School	Male	Duluth	1st
Grand Awards - Silver	Winner	Reigstad-Bayless	Samantha	<i>Classical Conditioning of Mice Through Mazes</i> Abstract	Twin Cities	10	Burnsville High School	Female	Savage	1st

Grand Awards - Silver	Winner	Reidell	Zachary	<i>How Do Light/Dark Cycles Affect Ant Tunneling Behaviors?</i> Abstract	Twin Cities	8	Susan B. Anthony Middle School	Male	Minneapolis	1st
Grand Awards - Silver	Winner	Phenicie	Christopher	<i>The Effects of Trimethylxanthine on Chess Playing Ability</i> Abstract	Twin Cities	10	Burnsville High School	Male	Burnsville	1st
Grand Awards - Silver	Winner	Peterson	Miranda	<i>How Blind Are Dogs?</i> Abstract	Northeast	8	Woodland Middle School	Female	Duluth	1st
Grand Awards - Silver	Winner	Pallin	Logan	<i>The use of a rain garden to control road run-off in Scanlon Creek and an assessment of rain gardens as the best storm water management practice. Phase IV</i> Abstract	Northeast	12	Cloquet High School	Male	Cloquet	4th
Grand Awards - Silver	Winner	Mukhopadhyay	Prithwis	<i>Food Additive or Carcinogen? Carrageenan Inhibits ASB Activity and Induces Cell Invasion Involving RhoA Activation and MMP-9 Secretion</i> Abstract	Twin Cities	11	Woodbury Senior High School	Male	Woodbury	4th
Grand Awards - Silver	Winner	Mokhtari	Ava	<i>Expanding a Gene Expression Profile for Theiler's Virus as a Diagnostic Tool for Multiple Sclerosis</i> Abstract	Twin Cities	12	Breck School, Minneapolis	Female	Eden Prairie	1st
		Weiler	Addison			11		Male	Edina	1st
Grand Awards - Silver	Winner	Merkling	Matthew	<i>The Plus Side of Video Games</i> Abstract	Central	7	Salk Middle	Male	Elk River	1st
		Weisgram	Andrew			7		Male	Elk River	1st
Grand Awards - Silver	Winner	Mammel	Courtney	<i>Mighty Monarchs: Gender Strength</i> Abstract	Rochester	9	Century High School	Female	Rochester	1st
Grand Awards - Silver	Winner	Lillehaug	Kara	<i>Effects of cardenolide levels in milkweed on monarch butterfly (Danaus plexippus) development (2009)</i> Abstract	Twin Cities	12	Breck School, Minneapolis	Female	Edina	1st
		Tester	Kristina			12		Female	Minneapolis	1st
Grand Awards - Silver	Winner	Leighton	Jean	<i>Who Am I? The Role Situational Factors Play When Understanding the Self-Concept</i> Abstract	Southeast	10	Winona High School	Female	Winona	2nd
Grand Awards - Silver	Winner	Larson	Kelsey	<i>The Effects of Sequence on Recollection Accuracy</i> Abstract	Twin Cities	10	Burnsville High School	Female	Burnsville	1st
Grand Awards - Silver	Winner	Laine	Rosie	<i>Drought Drama</i> Abstract	Twin Cities	7	St. Thomas More Catholic School	Female	St. Paul	1st
Grand Awards - Silver	Winner	LaGrange	Andrew	<i>A Study of Airfoil Design</i> Abstract	Central	7	Jackson Middle School, Champlin	Male	Champlin	1st
Grand Awards - Silver	Winner	Kurzer-	Della	<i>Face-to-Face with the truth</i>	Twin Cities	8	Murray Junior	Female	St. Paul	2nd

		Zlotnick		<i>about stereotypes</i> Abstract			High School			
Grand Awards - Silver	Winner	Kneepkens	Adam	<i>Does the Gender of a Bathroom Affect the Presence of Bacteria?</i> Abstract	Northeast	8	Holy Rosary School	Male	Duluth	1st
		Zimmerman	Andrew			8	Holy Rosary School	Male	Duluth	1st
Grand Awards - Silver	Winner	Kerby	Kyle	<i>Exploring boat hull shapes and drag</i> Abstract	Northern	8	Laporte Sr. High Science Club	Male	laporte	1st
Grand Awards - Silver	Winner	Jackson	Courtney	<i>The Coranae Paradox: The use of Magellan radar data to determine the overall geologic history of circular lows on Venus, in order to determine the process(es) of coranae formation—Phase III</i> Abstract	Northeast	11	Cloquet High School	Female	Cloquet	4th
Grand Awards - Silver	Winner	Grundtner	Jenna	<i>Light and Vitamin C</i> Abstract	Twin Cities	7	Presentation Of Mary School	Female	Maplewood	1st
Grand Awards - Silver	Winner	Evans	Zachary	<i>Mister Twister</i> Abstract	Central	8	Rogers Junior High	Male	Rogers	1st
Grand Awards - Silver	Winner	Erdahl	Michelle	<i>Road Ecology: The Effect of Road Salt on Various Types of Plants</i> Abstract	South Central, Southwest	8	Ellis Middle School	Female	Austin	2nd
Grand Awards - Silver	Winner	Dyer	Haley	<i>Fact or Fiction (Does vinegar really work as a cleaning solution)?</i> Abstract	Western	8	Park Christian School	Female	Moorhead	1st
Grand Awards - Silver	Winner	Dexheimer	Jacob	<i>Mechatronics: Automating the Way to the Future</i> Abstract	Central	8	Salk Middle School	Male	Elk River	1st
		Tesdahl	Grant			8	Salk Middle School	Male	Elk River	1st
Grand Awards - Silver	Winner	Coleman	Jonathan	<i>The Ocean on Acid</i> Abstract	Western	12	Perham Senior High School	Male	Dent	2nd
Grand Awards - Silver	Winner	Camacho	Martin	<i>On the Lattice Representations and Linear Extensions of Series-Parallel and (m+n)-free Posets</i> Abstract	Twin Cities	12	Central High School	Male	Saint Paul	3rd
Grand Awards - Silver	Winner	Butler	Isaiah	<i>Predictability: Understanding How and Why We Develop First Impressions and How Personal Characteristics Relate to Having Predictable Responses to Image and Sound</i> Abstract	South Central, Southwest	11	St. Marys School, Sleepy Eye	Male	St. James	3rd
		Gilliland	Megan			11	St. Marys School, Sleepy Eye	Female	Sleepy Eye	1st
		Portner	Boston			11	St. Marys School, Sleepy Eye	Female	Sleepy Eye	1st

Award	Place	Won By		Title	Region	Grade	School	Gender City		# Fairs
↑	↑	↑		↑	↑	↑	↑	↑	↑	↑
Institute of Food Technologists - MN Section	High School - 1st Place	Baker	Samantha	<i>In Vitro Determination of the Effects of Bisphenol-A on Viable Cells</i> Abstract	South Central, Southwest	12	Westbrook-Walnut Grove High School	Female	Revere	3rd
Institute of Food Technologists - MN Section	High School - 2nd Place	Harter	Sarah	<i>Fast-food Versus Sit-down: Table Cleanliness based on Aerobe and Coliform Tests</i> Abstract	Central	12	Blaine High School	Female	Coon Rapids	2nd
Institute of Food Technologists - MN Section	Middle School - 1st Place	Campeau	Michelle	<i>How Long Does Salmonella Survive in Different Spreads?</i> Abstract	Southeast	7	Friedell Middle School	Female	Rochester	1st
Institute of Food Technologists - MN Section	Middle School - 2nd Place	Miltzer	Josiah	<i>What Stinks</i> Abstract	Western	7	Park Christian School	Male	Moorhead	1st

Intel Excellence in Computer Science

Award	Place	Won By		Title	Region	Grade	School	Gender City		# Fairs
↑	↑	↑		↑	↑	↑	↑	↑	↑	↑
Intel Excellence in Computer Science Award	Winner	Ovsak	Gavin	<i>An Efficiency Study of a Head Controlled Computer Interface Using Embedded Circuitry</i> Abstract	Twin Cities	11	Eden Prairie High School	Male	Hopkins	1st

Ecolab Foundation

Award	Place	Won By		Title	Region	Grade	School	Gender City		# Fairs
↑	↑	↑		↑	↑	↑	↑	↑	↑	↑
ISEF 2010 - State	Individual Finalist	Mokhtari	Daniel	<i>Medicinal applications of bis(trimethylsilyl)acetylene in copper(I)-catalyzed azide-alkyne "click" chemistry</i> Abstract	Twin Cities	12	Breck School, Minneapolis	Male	Eden Prairie	3rd
ISEF 2010 - State	Individual Finalist	Drummond	Somer	<i>Using reverse vaccinology to identify gene candidates to use in a vaccine to prevent Escherichia coli-induced post-weaning diarrhea in swine (Sus domestica)</i> Abstract	Twin Cities	12	Breck School, Minneapolis	Female	Golden Valley	1st
ISEF 2010 - State	Team Finalist	Lillehaug	Kara	<i>Effects of cardenolide levels in milkweed on monarch butterfly (Danaus plexippus) development (2009)</i> Abstract	Twin Cities	12	Breck School, Minneapolis	Female	Edina	1st
		Tester	Kristina			12		Female	Minneapolis	1st
ISEF 2010 - State	1st Alternate	Ulrich	Mark	<i>The Mind Surfer: Using Accelerometers as User Input Devices</i> Abstract	Twin Cities	12	Southwest High School	Male	Minneapolis	1st

ISEF 2010 - State	2nd Alternate	Onopa	Brandon	Engineering J-aggregate thin-films for implementation in organic photovoltaic devices Abstract	Twin Cities	12	Breck School, Minneapolis	Male	Long Lake	1st
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MAS (MN Academy of Science)

Award	Place	Won By		Title	Region	Grade	School	Gender	City	# Fairs
↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
Jr. High Papers	8th Grade Best Overall	Holman	Viola	How Does Stent Design Geometry Affect Quality of Performance Abstract	Twin Cities	8	Murray Junior High School	Female	St. Paul	2nd
Jr. High Papers	8th Grade Winner	Rogers	Brooke	Let the Sun Shine In: What glass pane(s) scheme is most efficient? Abstract	Twin Cities	8	Murray Junior High School	Female	St. Paul	2nd
Jr. High Papers	8th Grade Winner	Huna	Heather	Fountain of Youth? The Effects of Resveratrol on Lifespan in Drosophila melanogaster Abstract	Twin Cities	8	Stillwater Junior High	Female	Stillwater	1st
Jr. High Papers	8th Grade Winner	Erdahl	Michelle	Road Ecology: The Effect of Road Salt on Various Types of Plants Abstract	South Central, Southwest	8	Ellis Middle School	Female	Austin	2nd
Jr. High Papers	8th Grade Winner	Damle	Namrata	Chute for More! Abstract	Rochester	8	Friedell Middle School	Female	ROCHESTER	2nd
Jr. High Papers	8th Grade Winner	Baumgartner	Mary	Are gender stereotypes accurate and does age affect them? Abstract	Northeast	8	Holy Rosary School	Female	Duluth	2nd
Jr. High Papers	7th Grade Best Overall	Armstrong	Tia	The Effect of Teff Grain on Athletic Performance Abstract	Northern	7	Bemidji Middle School	Female	Bemidji	1st
Jr. High Papers	7th Grade Winner	Stock	Sydney	Leaves vs. Wood: What Burns Better? Abstract	Northeast	7	Woodland Middle School	Female	Duluth	1st
Jr. High Papers	7th Grade Winner	Smasal	Alec	The Effect of a Hydrogen Fuel Cell on the Efficiency of a Gasoline Engine Abstract	Central	7	Fred Moore Middle School	Male	Andover	1st
Jr. High Papers	7th Grade Winner	Roufs	Ellen	How Does the Type of Fruit Affect the Amount of Edible Portion? Abstract	South Central, Southwest	7	New Ulm Area Catholic School	Female	New Ulm	1st
Jr. High Papers	7th Grade Winner	Campeau	Michelle	How Long Does Salmonella Survive in Different Spreads? Abstract	Southeast	7	Friedell Middle School	Female	Rochester	1st
Jr. High Papers	7th Grade Winner	Broderius	Mark	Concentrations of Road Salt Entering Buffalo Creek Along U.S. Hwy 212 Abstract	South Central, Southwest	7	Glencoe-Silver Lake Lincoln Junior High	Male	Glencoe	1st
MAS Achievement Award	Winner									

MAS Achievement Award	Winner									
MAS Achievement Award	Winner									
MAS Achievement Award	Winner									
MAS Achievement Award	Winner									
MAS Achievement Award	Winner									
MAS Student Choice Awards	High School Winner	Berglund	Spencer	Autonomous Robotic Rubik's Cube Solver Abstract	Rochester	9	Mayo High School	Male	Rochester	1st
		Campeau	David			9		Male		3rd
MAS Student Choice Awards	Middle School Winner	Cox	Ben	Electricity From Fruit Abstract	South Central, Southwest	7	St. John's Lutheran, Chaska	Male	Chaska	1st

Medtronic Foundation

Award	Place	Won By		Title	Region	Grade	School	Gender	City	# Fairs
Medtronic Award	High School - 1st Place	Morris	Charles	Role of PKC ι /lambda in carrageenan-induced inflammatory pain response Abstract	Twin Cities	12	Breck School, Minneapolis	Male	Minnetonka	1st
Medtronic Award	High School - 2nd Place	Mukhopadhyay	Prithwis	Food Additive or Carcinogen? Carrageenan Inhibits ASB Activity and Induces Cell Invasion Involving RhoA Activation and MMP-9 Secretion Abstract	Twin Cities	11	Woodbury Senior High School	Male	Woodbury	4th
Medtronic Award	Middle School - 1st Place	Berner	Mariah	Daphnia's Response to Human Growth Hormone (HGH) Stimulant Abstract	Northeast	8	Woodland Middle School	Female	Duluth	1st
Medtronic Award	Middle School - 2nd Place	Thompson	Marleny	HPV: Spread the Word, Not the disease Abstract	Twin Cities	8	Immaculate Conception	Female	Columbia Heights	1st

Minnesota Environmental Health Association

Award	Place	Won By		Title	Region	Grade	School	Gender	City	# Fairs
MEHA - Excellence in Environmental Health Science	High School - 1st Place	Persson	Lisa	Which Hand Soap is Best at Inhibiting Bacterial Growth? Abstract	Twin Cities	9	Hopkins West Junior High School	Female	Minnetonka	1st
MEHA - Excellence in	High School -	Harter	Sarah	Fast-food Versus Sit-down:	Central	12	Blaine High	Female	Coon Rapids	2nd

Environmental Health Science	2nd Place			Table Cleanliness based on Aerobe and Coliform Tests Abstract			School			
MEHA - Excellence in Environmental Health Science	High School - 3rd Place	Peterson	Brianna	The Use of Ultraviolet Light in a Low Technology Water Purification System-Phase II Abstract	Northeast	12	Cloquet High School	Female	Carlton	3rd
MEHA - Excellence in Environmental Health Science	High School - Honorable Mention	Zetah	Brian	The Effect of Different Disinfectants on the Growth of Bacillus subtilis Abstract	Twin Cities	10	Burnsville High School	Male	Savage	1st
MEHA - Excellence in Environmental Health Science	Middle School - 1st Place	Campeau	Michelle	How Long Does Salmonella Survive in Different Spreads? Abstract	Southeast	7	Friedell Middle School	Female	Rochester	1st
MEHA - Excellence in Environmental Health Science	Middle School - 2nd Place	Renier	Tim	Are We Washing Our Hands Well Enough? What is the Most Effective Type of Hand Hygiene Intervention? Abstract	Northeast	7	Holy Rosary School	Male	Duluth	1st
MEHA - Excellence in Environmental Health Science	Middle School - Honorable Mention	Stover	Margaret	Are You At a Greater Risk Of Harboring Staphylococcus aureus if You Have a Nose Stud? Abstract	Twin Cities	8	Murray Junior High School	Female	St. Paul	1st
MEHA - Excellence in Environmental Health Science	Middle School - Honorable Mention	Gathman	Tyler	What is your pCi/L level? Abstract	Rochester	7	Kellogg Middle School	Male	Rochester	1st

MAS (MN Academy of Science)

Award	Place	Won By	Title	Region	Grade	School	Gender	City	# Fairs	
MN Academy of Science Honorable Mention	High School Earth & Planetary Sciences	Jackson	Courtney	The Coronae Paradox: The use of Magellan radar data to determine the overall geologic history of circular lows on Venus, in order to determine the process(es) of coronae formation—Phase III Abstract	Northeast	11	Cloquet High School	Female	Cloquet	4th
MN Academy of Science Honorable Mention	High School Behavioral & Social Sciences	Xiong	Houa	Music Therapy Abstract	Twin Cities	9	John A. Johnson High School	Female	St. Paul	1st
MN Academy of Science Honorable Mention	High School Behavioral & Social Sciences	Beaver	Annalee	An Investigation of Math Class Rigor and its Role in a Students Cognitive Development Abstract	Western	11	Perham Senior High School	Female	Perham	3rd
MN Academy of Science Honorable Mention	High School Animal Sciences	Reigstad-Bayless	Samantha	Classical Conditioning of Mice Through Mazes Abstract	Twin Cities	10	Burnsville High School	Female	Savage	1st
MN Academy of Science	Middle School	Laine	Rosie	Drought Drama Abstract	Twin Cities	7	St. Thomas More	Female	St. Paul	1st

Honorable Mention	Plant Sciences						Catholic School			
MN Academy of Science Honorable Mention	Middle School Earth & Planetary Sciences	Evans	Zachary	<i>Mister Twister Abstract</i>	Central	8	Rogers Junior High	Male	Rogers	1st
MN Academy of Science Honorable Mention	Middle School Behavioral & Social Sciences	Baumgartner	Mary	<i>Are gender stereotypes accurate and does age affect them? Abstract</i>	Northeast	8	Holy Rosary School	Female	Duluth	2nd
MN Academy of Science Honorable Mention	Middle School Animal Sciences	Reidell	Zachary	<i>How Do Light/Dark Cycles Affect Ant Tunneling Behaviors? Abstract</i>	Twin Cities	8	Susan B. Anthony Middle School	Male	Minneapolis	1st

MN Medical Association Alliance / MMAA

Award	Place	Won By		Title	Region	Grade	School	Gender	City	# Fairs
MN Medical Association Alliance Award	High School	Welu	Taylor	<i>In Vitro Testing of Propionibacterium acnes with Specific Avian Antibodies Abstract</i>	South Central, Southwest	11	Marshall School	Female	Milroy	3rd
MN Medical Association Alliance Award	High School	Mokhtari	Ava	<i>Expanding a Gene Expression Profile for Theiler's Virus as a Diagnostic Tool for Multiple Sclerosis Abstract</i>	Twin Cities	12	Breck School, Minneapolis	Female	Eden Prairie	1st
		Weiler	Addison			11		Male	Edina	1st
MN Medical Association Alliance Award	Middle School	Stone	Heather	<i>Is Cinnamomum Zeylanicum a Sugar Replacer? Abstract</i>	Twin Cities	8	Highview Middle School	Female	Arden Hills	3rd
MN Medical Association Alliance Award	Middle School	Armstrong	Tia	<i>The Effect of Teff Grain on Athletic Performance Abstract</i>	Northern	7	Bemidji Middle School	Female	Bemidji	1st
MN Medical Association Alliance Award	Honorable Mention	Smith	Maxwell	<i>I have a headache: barometric pressure and the brain Abstract</i>	Twin Cities	8	St. Helena School, Minneapolis	Male	Minneapolis	1st

Mu Alpha Theta

Award	Place	Won By		Title	Region	Grade	School	Gender	City	# Fairs
Mu Alpha Theta Award	Winner	Manduca	Cathryn	<i>Grids and Greenery: Mathematical Models of Invasive Species Abstract</i>	Rochester	12	Century High School	Female	Rochester	2nd

MAS (MN Academy of Science)

Award	Place	Won By		Title	Region	Grade	School	Gender	City	# Fairs
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National JSHS	4th Place Observer	Riya Madan								
National JSHS	5th Place Observer	Katherine Paulsen								
National JSHS	2nd Place Presenter	Ovsak	Gavin							
National JSHS	1st Place Presenter	Mokhtari	Daniel							
National JSHS	3rd Place Poster	Campeau	David							
		Berglund	Spencer							

National Oceanic and Atmospheric Administration

Award	Place	Won By		Title	Region	Grade	School	Gender	City	# Fairs
↑	↑	↑		↑	↑	↑	↑	↑	↑	↑
National Oceanic and Atmospheric Award	Winner	Coleman	Jonathan	<i>The Ocean on Acid Abstract</i>	Western	12	Perham Senior High School	Male	Dent	2nd

National Society of Professional Engineers

Award	Place	Won By		Title	Region	Grade	School	Gender	City	# Fairs
↑	↑	↑		↑	↑	↑	↑	↑	↑	↑
National Society of Professional Engineers - Innovative Engineering Award	Winner	Glawe	Michael	<i>The OWC: Advances in Oscillating Water Column Development Abstract</i>	South Central, Southwest	12	New Ulm Area Catholic School	Male	New Ulm	6th

National Youth Science Camp

Award	Place	Won By		Title	Region	Grade	School	Gender	City	# Fairs
↑	↑	↑		↑	↑	↑	↑	↑	↑	↑
National Youth Science Camp - West Virginia	Winner	Ulrich	Mark	<i>The Mind Surfer: Using Accelerometers as User Input Devices Abstract</i>	Twin Cities	12	Southwest High School	Male	Minneapolis	1st
National Youth Science Camp - West Virginia	Alternate 1	Glawe	Michael	<i>The OWC: Advances in Oscillating Water Column Development Abstract</i>	South Central, Southwest	12	New Ulm Area Catholic School	Male	New Ulm	6th
National Youth Science Camp - West Virginia	Alternate 2	Camacho	Martin	<i>On the Lattice Representations and Linear Extensions of Series-Parallel and (m+n)-free Posets Abstract</i>	Twin Cities	12	Central High School	Male	Saint Paul	3rd
National Youth Science Camp - West Virginia	Winner	Stone	Tiffanie	<i>Identification of a Super Hybrid Rice Variety Guangzhan 635/1128 Using Simple Sequence Repeat Molecular Markers Abstract</i>	Twin Cities	12	Agriculture Food And Sciences Academy	Female	Arden Hills	8th

National Youth Science Camp - West Virginia	Alternate 1	Manduca	Cathryn	<i>Grids and Greenery: Mathematical Models of Invasive Species</i> Abstract	Rochester	12	Century High School	Female	Rochester	2nd
National Youth Science Camp - West Virginia	Alternate 2	Wang	Lina	<i>Darter Communities: Their Status in Turbidity Impaired Waters of the Greater Blue Earth River Basin</i> Abstract	South Central, Southwest	12	Loyola High School	Female	Mankato	5th

Pentair Foundation

Award	Place	Won By		Title	Region	Grade	School	Gender	City	# Fairs
Pentair Award	High School - 1st Place	Pallin	Logan	<i>The use of a rain garden to control road run-off in Scanlon Creek and an assessment of rain gardens as the best storm water management practice.</i> Phase IV Abstract	Northeast	12	Cloquet High School	Male	Cloquet	4th
Pentair Award	High School - 2nd Place	Cao	Xiuqi	<i>Ulothrix Algae Growth Greatly Reduces Chemical Pollutants in Zumbro River Water Samples</i> Abstract	Rochester	9	Century High School	Male	Rochester	2nd
Pentair Award	Middle School - 1st Place	Steffl	Andrew	<i>The Effects of Bio-filters on Phosphorus Runoff</i> Abstract	South Central, Southwest	8	St. Marys School, Sleepy Eye	Male	Sleepy Eye	2nd
Pentair Award	Middle School - 2nd Place	Lin	Marisa	<i>Effects of Fertilizer and Herbicide on the Water Ecosystem</i> Abstract	Rochester	8	Friedell Middle School	Female	Rochester	2nd

Raptor Center

Award	Place	Won By		Title	Region	Grade	School	Gender	City	# Fairs
Raptor Center Award	Winner	Bosell	Abby	<i>Testing for lead in the soil of WMA's and WPA's.</i> Abstract	Northeast	7	Woodland Middle School	Female	Duluth	1st

Ricoh Corporation

Award	Place	Won By		Title	Region	Grade	School	Gender	City	# Fairs
Ricoh Sustainable Development Award	Winner	Klemenhausen	Connor	<i>The Diversification of Turf Grass Species by Means of Biodiversity</i> Abstract	Central	9	Champlin Park High School	Male	Dayton	2nd

SAS Institute, JMP Division

Award	Place	Won By		Title	Region	Grade	School	Gender	City	# Fairs
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SAS / JMP Data Visualization & Discovery Award	Winner	Udenberg	Amelia	<i>The Effect of Rapid Cognition (snap decision making) on Standardized Test Scores</i> Abstract	Northeast	12	Cloquet High School	Female	Cloquet	2nd
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Science Museum of Minnesota

Award	Place	Won By		Title	Region	Grade	School	Gender	City	# Fairs
Science Museum of Minnesota Best Exhibit Award	High School	Hamann	Elaina	<i>Mosquitoes</i> Abstract	Twin Cities	11	St. Anthony Village Sr. High School	Female	Columbia Heights	5th
Science Museum of Minnesota Best Exhibit Award	Middle School	Wosika	Zack	<i>Aspen Tree Growth: As a product of Temperature, Precipitation, and Atmospheric Co2 Levels</i> Abstract	Twin Cities	7	St. Francis - St. James United School	Male	St. Paul	1st

SciGirls

Award	Place	Won By		Title	Region	Grade	School	Gender	City	# Fairs
SciGirls.com	Winner	Grundtner	Jenna	<i>Light and Vitamin C</i> Abstract	Twin Cities	7	Presentation Of Mary School	Female	Maplewood	1st

Seagate Technology, Inc.

Award	Place	Won By		Title	Region	Grade	School	Gender	City	# Fairs
Seagate 1st Year Awards	Winner	Zimmerman	Andrew		Northeast	8	Holy Rosary School	Male	Duluth	1st
Seagate 1st Year Awards	Winner	Wildenborg	Alli		Southeast	11	Winona High School	Female	Winona	1st
Seagate 1st Year Awards	Winner	Weisgram	Andrew		Central	7	Salk Middle School	Male	Elk River	1st
Seagate 1st Year Awards	Winner	Ulrich	Mark		Twin Cities	12	Southwest High School	Male	Minneapolis	1st
Seagate 1st Year Awards	Winner	Tesdahl	Grant		Central	8	Salk Middle School	Male	Elk River	1st
Seagate 1st Year Awards	Winner	Stephan	Jeremy		Northeast	7	Holy Rosary School	Male	Duluth	1st
Seagate 1st Year Awards	Winner	Shekhar	Apurv		Twin Cities	8	Blake Middle School	Male	Plymouth	1st
Seagate 1st Year Awards	Winner	Schultz	Sara		Southeast	7	Fillmore Central Middle School	Female	Preston	1st
Seagate 1st Year Awards	Winner	Schmitz	Ryan		Central	8	Salk Middle School	Male	Rogers	1st
Seagate 1st Year Awards	Winner	Renier	Tim		Northeast	7	Holy Rosary	Male	Duluth	1st

Seagate 1st Year Awards	Winner	Reigstad-Bayless	Samantha		Twin Cities	10	Burnsville High School	Female	Savage	1st
Seagate 1st Year Awards	Winner	Reidell	Zachary		Twin Cities	8	Susan B. Anthony Middle School	Male	Minneapolis	1st
Seagate 1st Year Awards	Winner	Quandahl	Samantha		Southeast	11	Winona High School	Female	Winona	1st
Seagate 1st Year Awards	Winner	Prchal	Brian		South Central, Southwest	7	New Prague Middle School	Male	Montgomery	1st
Seagate 1st Year Awards	Winner	Portner	Boston		South Central, Southwest	11	St. Marys School, Sleepy Eye	Female	Sleepy Eye	1st
Seagate 1st Year Awards	Winner	Phenicie	Christopher		Twin Cities	10	Burnsville High School	Male	Burnsville	1st
Seagate 1st Year Awards	Winner	Peterson	Miranda		Northeast	8	Woodland Middle School	Female	Duluth	1st
Seagate 1st Year Awards	Winner	Ovsak	Gavin		Twin Cities	11	Eden Prairie High School	Male	Hopkins	1st
Seagate 1st Year Awards	Winner	Nelson	Connor		Southeast	7	La Crescent Middle School	Male	La Crescent	1st
Seagate 1st Year Awards	Winner	Moen	Macy		Rochester	7	Lincoln K-8 Choice, Rochester	Female	Rochester	1st
Seagate 1st Year Awards	Winner	Merkling	Matthew		Central	7	Salk Middle	Male	Elk River	1st
Seagate 1st Year Awards	Winner	Mammel	Courtney		Rochester	9	Century High School	Female	Rochester	1st
Seagate 1st Year Awards	Winner	Larson	Kelsey		Twin Cities	10	Burnsville High School	Female	Burnsville	1st
Seagate 1st Year Awards	Winner	Laine	Rosie		Twin Cities	7	St. Thomas More Catholic School	Female	St. Paul	1st
Seagate 1st Year Awards	Winner	LaGrange	Andrew		Central	7	Jackson Middle School, Champlin	Male	Champlin	1st
Seagate 1st Year Awards	Winner	Kneepkens	Adam		Northeast	8	Holy Rosary School	Male	Duluth	1st
Seagate 1st Year Awards	Winner	Kerby	Kyle		Northern	8	Laporte Sr. High Science Club	Male	laporte	1st
Seagate 1st Year Awards	Winner	Huna	Heather		Twin Cities	8	Stillwater Junior High	Female	Stillwater	1st
Seagate 1st Year Awards	Winner	Grundtner	Jenna		Twin Cities	7	Presentation Of Mary School	Female	Maplewood	1st

Seagate 1st Year Awards	Winner	Glenna	Katelyn		Southeast	11	Winona High School	Female	Minnesota City	1st
Seagate 1st Year Awards	Winner	Gilliland	Megan		South Central, Southwest	11	St. Marys School, Sleepy Eye	Female	Sleepy Eye	1st
Seagate 1st Year Awards	Winner	Evans	Zachary		Central	8	Rogers Junior High	Male	Rogers	1st
Seagate 1st Year Awards	Winner	Ekblad	Ellie		Rochester	7	Lincoln K-8 Choice, Rochester	Female	Rochester	1st
Seagate 1st Year Awards	Winner	Dyer	Haley		Western	8	Park Christian School	Female	Moorhead	1st
Seagate 1st Year Awards	Winner	Dexheimer	Jacob		Central	8	Salk Middle School	Male	Elk River	1st
Seagate 1st Year Awards	Winner	Danley	Matthew		Twin Cities	7	St. Pascal School	Male	Woodbury	1st
Seagate 1st Year Awards	Winner	Christensen	Emma		Central	9	Blaine High School	Female	Blaine	1st
Seagate 1st Year Awards	Winner	Campeau	Michelle		Southeast	7	Friedell Middle School	Female	Rochester	1st
Seagate 1st Year Awards	Winner	Berner	Mariah		Northeast	8	Woodland Middle School	Female	Duluth	1st
Seagate 1st Year Awards	Winner	Berglund	Spencer		Rochester	9	Mayo High School	Male	Rochester	1st
Seagate Mentor Award	Winner	Strom	Annette		Northeast		Woodland Middle School		Duluth	1st
Seagate Mentor Award	Winner	Miller	Sherry		0		Lincoln High School, Thief River Falls	Female	St. Hilaire	1st
Seagate Rising Star Awards	High School Winner	Keller	Max	<i>Decomposing Energy Abstract</i>	South Central, Southwest	12	Alden	Male	Alden	2nd
Seagate Rising Star Awards	Middle School Winner	Holman	Viola	<i>How Does Stent Design Geometry Affect Quality of Performance Abstract</i>	Twin Cities	8	Murray Junior High School	Female	St. Paul	2nd
Seagate Science Buddies Clever Scientists Awards	High School Winner	Obright	Jesse	<i>A Comparison of the Effects of Streptomycin and Coliphage Lambda on Escherichia coli Abstract</i>	Western	12	Perham Senior High School	Male	Dent	1st
Seagate Science Buddies Clever Scientists Awards	Middle School Winner	Damle	Namrata	<i>Chute for More! Abstract</i>	Rochester	8	Friedell Middle School	Female	ROCHESTER	2nd

Award	Place	Won By		Title	Region	Grade	School	Gender	City	# Fairs
Society for In Vitro Biology Award	Winner	Mokhtari	Ava	Expanding a Gene Expression Profile for Theiler's Virus as a Diagnostic Tool for Multiple Sclerosis Abstract	Twin Cities	12	Breck School, Minneapolis	Female	Eden Prairie	1st
		Weiler	Addison			11		Male	Edina	1st

SPIE-the International Society for Optics & Photonics

Award	Place	Won By		Title	Region	Grade	School	Gender	City	# Fairs
SPIE Optics and Photonics Science Fair Award	1st Place	Onopa	Brandon	Engineering J-aggregate thin-films for implementation in organic photovoltaic devices Abstract	Twin Cities	12	Breck School, Minneapolis	Male	Long Lake	1st
SPIE Optics and Photonics Science Fair Award	2nd Place	Mai	Gavin	Mathematical Algorithms In Imaging Abstract	Rochester	8	Friedell Middle School	Male	Rochester	2nd
SPIE Optics and Photonics Science Fair Award	3rd Place	Davies	Nathaniel	Can The Output of a Solar Cell be Increased With The Use of Mirrors or a Magnifying Glass? Abstract	Southeast	8	Winona Middle School	Male	winona	2nd

St. Cloud State University

Award	Place	Won By		Title	Region	Grade	School	Gender	City	# Fairs
St. Cloud State University - Physics	1st Place	Kim	Albert	Is the Luke Skywalker's home planet, Tatooine, physically plausible? Abstract	Southeast	12	Winona High School	Male	Winona	2nd
St. Cloud State University - Physics	2nd Place	Krueger	Mark	The Quantitative Analysis of a Coilgun and its variables Abstract	South Central, Southwest	12	Alden	Male	Alden	2nd
		Robinson	Kiel			12		Alden	Male	Alden

St. Mary's University of MN

Award	Place	Won By		Title	Region	Grade	School	Gender	City	# Fairs
St. Marys University Scholarship - Biochemistry	Winner	Baker	Samantha	In Vitro Determination of the Effects of Bisphenol-A on Viable Cells Abstract	South Central, Southwest	12	Westbrook-Walnut Grove High School	Female	Revere	3rd
St. Marys University Scholarship - Chemistry	Winner	Mokhtari	Daniel	Medicinal applications of bis(trimethylsilyl)acetylene in copper(I)-catalyzed azide-alkyne "click" chemistry	Twin Cities	12	Breck School, Minneapolis	Male	Eden Prairie	3rd

St. Marys University Scholarship - Computer Science	Winner	Ovsak	Gavin	Abstract <i>An Efficiency Study of a Head Controlled Computer Interface Using Embedded Circuitry</i>	Twin Cities	11	Eden Prairie High School	Male	Hopkins	1st
St. Marys University Scholarship - Environmental Science & Analysis	Winner	Johnson	Lila	Abstract <i>The Insulating Properties of Green Roofs and Green Walls in Cold Climates</i>	South Central, Southwest	10	Austin High School	Female	Austin	4th
St. Marys University Scholarship - Microbiology	Winner	Obright	Jesse	Abstract <i>A Comparison of the Effects of Streptomycin and Coliphage Lambda on Escherichia coli</i>	Western	12	Perham Senior High School	Male	Dent	1st
St. Marys University Scholarship - Physics / Astronomy	Winner	Jacobson	Josh	Abstract <i>Eutectic Ice Formation and Vitrification in Cryoprotectant-Based Physiological Systems</i>	Southeast	12	Winona High School	Male	Winona	1st
		Klages-Mundt	Naeh			12	Winona High School	Male	Winona	6th

US Air Force

Award	Place	Won By	Title	Region	Grade	School	Gender	City	# Fairs
US Air Force Award	Winner	Schwecke	<i>MLB: American League Stadium</i>	South Central, Southwest	9	Gibbon-Fairfax-Winthrop High School	Female	Gibbon	1st
		Timm			9		Female	Fairfax	1st
US Air Force Award	Winner	McTague	<i>The Efficiency of a Combustion Engine Converted to Run on Oxygen</i>	South Central, Southwest	12	Alden	Male	Wells	1st
US Air Force Award	Winner	Ledray	<i>How many blades on a wind turbine makes the wind turbine the most efficient?</i>	Central	8	Jackson Middle School, Champlin	Male	Brooklyn Park	1st
US Air Force Award	Winner	Blosberg	<i>Does Earth Weather Affect HF Amateur Radio Frequency Signal Strength?</i>	Twin Cities	7	Cyber Village Academy	Female	Shoreview	1st

US Army

Award	Place	Won By	Title	Region	Grade	School	Gender	City	# Fairs
US Army Award for Scientific / Engineering Excellence Award	Physical Science	Klemenhausen	<i>The Diversification of Turf Grass Species by Means of Biodiversity</i>	Central	9	Champlin Park High School	Male	Dayton	2nd

US Army Award for Scientific / Engineering Excellence Award	Math/Computer - Best Overall Winner	Berglund	Spencer	Autonomous Robotic Rubik's Cube Solver Abstract	Rochester	9	Mayo High School	Male	Rochester	1st
		Campeau	David			9	Mayo High School	Male	Rochester	3rd
US Army Award for Scientific / Engineering Excellence Award	Life Science	Madan	Riya	Sensory Interference II: The Effect of Positive Overload of One Sense on the Performance of the Other Abstract	Rochester	10	Century High School	Female	Rochester	5th
US Army Award for Scientific / Engineering Excellence Award	Environmental	Larson	Andrew	Water Quality Assessment on the Upper Lost River and Nasset Brook Tributary Abstract	Northern	9	Bagley Secondary School	Male	Bagley	2nd
US Army Award for Scientific / Engineering Excellence Award	Engineering	Sloot	Cassidy	Can Water Give You Gas? Abstract	South Central, Southwest	9	Gibbon-Fairfax-Winthrop High School	Female	Winthrop	2nd
US Army Award for Scientific / Engineering Excellence Award	Honorable Mention	Welu	Brady	Diagnosing and Treating an Isolated Strain of Swine Influenza Virus Abstract	South Central, Southwest	12	Marshall School	Male	Milroy	6th
US Army Award for Scientific / Engineering Excellence Award	Honorable Mention	Singh	Nisha	Water Quality in Dakota Country Wetlands in Correlation with the Index of Biotic Integrity Abstract	Twin Cities	10	Burnsville High School	Female	Burnsville	1st
US Army Award for Scientific / Engineering Excellence Award	Honorable Mention	Milne	Heather	The Effect of Constant Daylight on Pogonomymex occidentalis Colony Behavior Abstract	Twin Cities	10	Burnsville High School	Female	Burnsville	1st
US Army Award for Scientific / Engineering Excellence Award	Honorable Mention	McTague	Brandon	The Efficiency of a Combustion Engine Converted to Run on Oxygen Abstract	South Central, Southwest	12	Alden	Male	Wells	1st
US Army Award for Scientific / Engineering Excellence Award	Honorable Mention	Kober	Dillon	The Reliability of Antivirus Softwares Abstract	South Central, Southwest	9	St. Marys School, Sleepy Eye	Male	Sleepy Eye	1st
US Army Award for Scientific / Engineering Excellence Award	Honorable Mention	Hamann	Elaina	Mosquitoes Abstract	Twin Cities	11	St. Anthony Village Sr. High School	Female	Columbia Heights	5th
US Army Award for Scientific / Engineering Excellence Award	Honorable Mention	Glawe	Michael	The OWC: Advances in Oscillating Water Column Development Abstract	South Central, Southwest	12	New Ulm Area Catholic School	Male	New Ulm	6th
US Army Award for Scientific / Engineering Excellence Award	Honorable Mention	Ganti	Hari	Optimizing an Airfoil for Inviscid Airflow Abstract	Twin Cities	11	Wayzata Senior High School	Male	Plymouth	1st

US Army Award for Scientific / Engineering Excellence Award	Honorable Mention	Dunn	Janelle	<i>Effects of Land Use on Dissolved Oxygen Levels and Macroinvertebrate Populations in Clearwater County (Year 2) Abstract</i>	Northern	11	Bagley Secondary School	Female	Bagley	3rd
		Stinar	Kylie			11		Female		2nd
US Army Award for Scientific / Engineering Excellence Award	Honorable Mention	Asirvatham	Rohit	<i>The Emotive Appeal of Music: What is the Key? Abstract</i>	Rochester	9	Century High School	Male	Rochester	4th

US Metric Association

Award	Place	Won By	Title	Region	Grade	School	Gender	City	# Fairs	
↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	
US Metric Association Award	Winner	Butler	Jonah	<i>The Challenge of Algae Fuel: Cultivating Algae for Biofuel Abstract</i>	South Central, Southwest	7	Sibley East-Gaylord Junior High	Male	Glencoe	1st

US Office of Naval Research

Award	Place	Won By	Title	Region	Grade	School	Gender	City	# Fairs	
↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	
US Navy - Naval Science Awards	High School	McTague	Brandon	<i>The Efficiency of a Combustion Engine Converted to Run on Oxygen Abstract</i>	South Central, Southwest	12	Alden	Male	Wells	1st
US Navy - Naval Science Awards	High School	Madlom	Alex	<i>Levitation By Magnetization: A More Efficient Source of Wind Energy? Abstract</i>	Western	10	Park Christian School	Male	Fargo	2nd
US Navy - Naval Science Awards	High School	Madan	Riya	<i>Sensory Interference II: The Effect of Positive Overload of One Sense on the Performance of the Other Abstract</i>	Rochester	10	Century High School	Female	Rochester	5th
US Navy - Naval Science Awards	High School	Dube	Christian	<i>Arrow Design Phase: Two - Optimal Configurations Abstract</i>	Central	9	Champlin Park High School	Male	Brooklyn Park	3rd
US Navy - Naval Science Awards	High School	Christensen	Emma	<i>Projectiles: How Velocity Affects Air Resistance Abstract</i>	Central	9	Blaine High School	Female	Blaine	1st
US Navy - Naval Science Awards	Middle School	Mai	Gavin	<i>Mathematical Algorithms In Imaging Abstract</i>	Rochester	8	Friedell Middle School	Male	Rochester	2nd
US Navy - Naval Science Awards	Middle School	Lyons	Sonja	<i>Can Water Be A Fuel? Abstract</i>	Northeast	8	Woodland Middle School	Female	Duluth	2nd
US Navy - Naval Science Awards	Middle School	Kerby	Kyle	<i>Exploring boat hull shapes and drag Abstract</i>	Northern	8	Laporte Sr. High Science Club	Male	laporte	1st

US Navy - Naval Science Awards	Middle School	Fu	Lisa	<i>Finding Distance Using Parallax Abstract</i>	Rochester	7	Friedell Middle School	Female	Rochester	1st
US Navy - Naval Science Awards	Middle School	Egert	Jack	<i>'Waste Water' Not Want Not Abstract</i>	South Central, Southwest	7	New Ulm Area Catholic School	Male	New Ulm	2nd

US Dept. of Health & Human Services

Award	Place	Won By		Title	Region	Grade	School	Gender	City	# Fairs
↑	↑	↑		↑	↑	↑	↑	↑	↑	↑
USDHHS - Office of the Surgeon General Award	Winner	Mukhopadhyay	Prihewis	<i>Food Additive or Carcinogen? Carrageenan Inhibits ASB Activity and Induces Cell Invasion Involving RhoA Activation and MMP-9 Secretion Abstract</i>	Twin Cities	11	Woodbury Senior High School	Male	Woodbury	4th

Water Environment Federation

Award	Place	Won By		Title	Region	Grade	School	Gender	City	# Fairs
↑	↑	↑		↑	↑	↑	↑	↑	↑	↑
Water Enviro. Fed. / Stockholm Junior Water Award	1st Place	Pallin	Logan	<i>The use of a rain garden to control road run-off in Scanlon Creek and an assessment of rain gardens as the best storm water management practice. Phase IV Abstract</i>	Northeast	12	Cloquet High School	Male	Cloquet	4th
Water Enviro. Fed. / Stockholm Junior Water Award	2nd Place	Wang	Lina	<i>Darter Communities: Their Status in Turbidity Impaired Waters of the Greater Blue Earth River Basin Abstract</i>	South Central, Southwest	12	Loyola High School	Female	Mankato	5th
Water Enviro. Fed. / Stockholm Junior Water Award	3rd Place	Rosemore	Bethany	<i>Global Climate Change; the Influence of Temperature Differentiation on Embryo Female-to-Male Phenotypic and Genotypic Sex Reversal in Medaka Fish, <i>Oryzias latipes</i>. Abstract</i>	Northeast	10	Cloquet High School	Female	Cloquet	4th
		Scheuer	Ben			12	Cloquet High School	Male	Cloquet	5th

Winona State University - Dept. of Mathematics & Statistics

Award	Place	Won By		Title	Region	Grade	School	Gender	City	# Fairs
↑	↑	↑		↑	↑	↑	↑	↑	↑	↑
Winona State Statistics or Mathematics Award	Winner	Kurzer-Zlotnick	Della	<i>Face-to-Face with the truth about stereotypes Abstract</i>	Twin Cities	8	Murray Junior High School	Female	St. Paul	2nd
Winona State Statistics or Mathematics Award	Winner	Geschwind	Kate	<i>Explaining Wind Farm Output Using Regression Analysis Abstract</i>	Rochester	9	Mayo High School	Female	Rochester	1st

Wolfram Research Inc.

Award	Place	Won By	Title	Region	Grade	School	Gender	City	# Fairs	
Wolfram Research Mathematica Software Award	Winner	Damle	Namrata	Chute for More! Abstract	Rochester	8	Friedell Middle School	Female	ROCHESTER	2nd

WSB & Associates, Inc.

Award	Place	Won By	Title	Region	Grade	School	Gender	City	# Fairs	
WSB Engineering Excellence	Environmental Science	Pallin	Logan	The use of a rain garden to control road run-off in Scanlon Creek and an assessment of rain gardens as the best storm water management practice. Phase IV Abstract	Northeast	12	Cloquet High School	Male	Cloquet	4th
WSB Engineering Excellence	Civil Engineering	Glawe	Michael	The OWC: Advances in Oscillating Water Column Development Abstract	South Central, Southwest	12	New Ulm Area Catholic School	Male	New Ulm	6th

Yale Science & Engineering Association, Inc.

Award	Place	Won By	Title	Region	Grade	School	Gender	City	# Fairs	
Yale Science & Engineering Association Award	Winner	Ganti	Hari	Optimizing an Airfoil for Inviscid Airflow Abstract	Twin Cities	11	Wayzata Senior High School	Male	Plymouth	1st

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