

### Special Awards CIRSEF 2016

Award Name	For	Name(s)	School	Project Title
American Psychological Association	Psychological science - see letter for details	Ryan Jones	Plainfield Com Middle School	Do Video Games Trigger An Adrenaline Response?
Arizona State University Walton Sustainability Solutions Initiative #1	Projects that "convey intent in their research to solve a complex problem that involves social justice, environmental and economic prosperity.	Hana Ghonemia	Hamilton Southeastern HS	Assessment of Proline Levels in Environmentally Stressed Glycine max Plants
ASU Walton Sustainability #2		Noor Abdullah	Hamilton Southeastern HS	and Emodin on the Embryonic Development of Zebrafish
Genius Olympiad #1	Focus on Environmental Issues	Jay Maturi	University High School	Effects of chlorella algae on mortality rates of zebrafish exposed to methylmercury
Genius Olympiad #2		Noor Abdullah	Hamilton Southeastern HS	The Impact of Rhamnus Frangula (European Buckthorn) and Emodin on the Embryonic Development of Zebrafish
Intel Excellence in Computer Science	Computer Science	Allen Zhang/Allen Zhao	Carmel High School/ Park Tudor School	Simulation of the Biological Interaction Patterns among Bone and Cancer Cells
Mu Alpha Theta	Problem Involving Mathematics	John Ryu	Fishers High School	The Stability of the Space Elevator
NASA EARTH System Science Award	The project that exhibits a clear and focused project on an Earth systems	John Ryu	Fishers High School	The Stability of the Space Elevator
National Society of Professional Engineers	Most Outstanding Engineering Project	Peyton Zins	Saint Jude Elementary	A Major Dilemma
Nina Mason Pulliam EcoLab Environmental Science Prize	Environmental Science	Noor Abdullah	Eman Schools	The Impact of Rhamnus Frangula (European Buckthorn) and Emodin on the Embryonic Development of Zebrafish
EcoLab Environmental Science Prize #2		Jay Maturi	University High School	Effects of chlorella algae on mortality rates of zebrafish exposed to methylmercury
EcoLab Environmental Science Prize #3		Sammy Trivett	Plainfield Com Middle School	Sodalis Nature Park Ecological Study
NOAA	Related to NOAA mission - see letter	Sydney Plowman	Center Grove Middle SchI Central	De-Icers: Which Salt is Most Efficient?
Purdue University Agriculture - High School	Food, Agriculture, or Natural Resources	Ethan Smiley	Beech Grove Sr High School	The Effect of Auxin Producing Yeast On Arabidopsis Seeds
Purdue University Agriculture - Middle School	Food, Agriculture, or Natural Resources	Jason Fivush	Hamilton Southeastern Jr High School	An Investigation Into Agriculture on Mars
Ricoh Americas Corporation	Environmental Responsibility/Sustainable Development	Hana Ghoneima	Hamilton Southeastern HS	Assessment of Proline Levels in Environmentally Stressed Glycine max Plants
Society for In Vitro Biology	Plant or Animal In Vitro Bio or Tissue Culture	Meena Moorthy	North Central High School	The Effects of Fucosylation in Improving the Homing Capabilities of CD34+ Cells in Diabetic Retinopathy
South Central Association for Clinical Microbiology (SCACM) <b>First Place</b>	Microbiology	Sara Alhaffar	Eman Schools	Cranberry Extracts Combat Bacterial Growth and Adherence Associated with Catheter Induced Urinary Tract Infections
SCACM <b>Second Place</b>		Ethan Smiley	Beech Grove Sr High School	The Effect of Auxin Producing Yeast On Arabidopsis Seeds
SCACM <b>Third Place</b>		Sepehr Asgari	Carmel High School	Engineering of a Conjugated Endolysin as an Efficient Method for Acne Treatment

Notes:

1. Not all the available awards had qualifying entries.
2. In some cases there are more awards available than the judges found suitable projects.

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Stockholm Jr. Water Prize #1	Water-Related	Iqra Sayed	Pike High School	Purifying Water
Stockholm Jr. Water Prize #2		Rishi Das	Carmel High School	The Flint, Michigan Lesson: Do You Know What Is In Your Drinking Water?
Stockholm Jr. Water Prize #3		Noor Abdullah	Hamilton Southeastern HS	The Impact of Rhamnus Frangula (European Buckthorn) and Emodin on the Embryonic Development of Zebrafish
US Air Force		Jason Fivush	Hamilton Southeastern Jr High School	An Investigation Into Agriculture on Mars
USAF #2		Munastir Munaf	Fall Creek Junior High School	Graphene Super Capacitors - Future of Energy
USAF #3		Nathan Caylor	Fall Creek Junior High School	Aerodynamics
USAF #4		John Ryu	Fishers High School	The Stability of the Space Elevator
US Metric Association	Best uses SI metric system for quantitative measurements	Abhinav Runkumar	Carmel High School	DLPC and ATP- Molecular Modeling
US Navy (Office of Naval Research)		Lizzie Perkins	Center For Inquiry School 2	The Effect of Light on Plant Photosynthesis
ONR #2		Allan Williams	Center For Inquiry School 2	The Law of Gravity
US Public Health Service	"Creatively illustrate and expand upon key areas of health prevention as outlined in the National Prevention Strategy.	Iqra Sayed	Pike High School	Purifying Water
Yale Science & Engineering Ass'n	Computer Science, Engineering, Physics, or Chemistry	John Ryu	Fishers High School	The Stability of the Space Elevator

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