

2018 IJAS Results for Chicago Public School Participants

[Full Statewide IJAS results for 2018 are available here.](#)

Exhibitors	Project Title	Category	Award	School	Poster/Paper	Special Awards
Michel Adelian	Wireless Induction	Physics	Gold	Brooks HS	Poster	
Uzair Ahmed	The Effect of Liquid Fuel on Thrust Yield	Aero-space Science	Silver	Lake View HS	Poster	
Abigail Arnashus	The Light Move for Reptiles	Engineering	Gold	Von Steuben	Poster	
Abigail Arnashus	The Light Move for Reptiles	Engineering	Gold	Von Steuben	Paper	
Abigail Arnashus	The Light Move for Reptiles	Engineering	Special	Von Steuben	Paper	Top Ten in the Senior Division \$50
Abigail Arnashus	The Light Move for Reptiles	Engineering	Special	Von Steuben	Paper	Bradley University College of Engineering & Technology \$50
Abigail Arnashus	The Light Move for Reptiles	Engineering	Special	Von Steuben	Poster	Dream Big \$100
Justin Aves	Oil for Fuel	Biochemistry	Gold	Mather HS	Poster	
Natalia Awisha	The Effect of Light on Reaction Rate	Chemistry	Gold	Amundsen HS	Poster	
Naomi Bass	From Biowaste to Biofuel	Environmental	Gold	Chicago Public Schools	Poster	
Isabella Blanco	Mentally Minty	Behavioral Science	Gold	Newberry	Poster	
Calvin Brumfield	Effect of Bracing on Structure Strength	Engineering	Gold	Chicago Public Schools	Poster	
Atenea Chavez	The Thermal Expansion of Aluminum	Physics	Silver	Edwards	Poster	
James Parker Cole	Worms: A Plant's Best Friend	Botany	Gold	LaSalle	Poster	
Fatoumata Dioubate	Weight Capacity & Wall Structure	Physics	Gold	Von Steuben	Paper	
Ewan Evans	Air Raid!	Environmental	Gold	Von Steuben	Paper	
Kristina Fieldler	Effect of Organic Dye on Voltage Produced	Environmental	Gold	Chicago Public Schools	Poster	
Hazel Rose Galvan	Polyaniline/Graphene-Oxide Supercapacitor	Chemistry	Gold	Von Steuben HS	Poster	
Hazel Rose Galvan	Polyaniline/Graphene-Oxide Supercapacitor	Chemistry	Gold	Von Steuben HS	Paper	
Hazel Rose Galvan	Polyaniline/Graphene-Oxide Supercapacitor	Chemistry	Special	Von Steuben HS	Paper	Jay & Jeremy Hoffmann Memorial Award \$100
Hazel Rose Galvan	Polyaniline/Graphene-Oxide Supercapacitor	Chemistry	Special	Von Steuben HS	Poster	Best in Category
Hazel Rose Galvan	Polyaniline/Graphene-Oxide Supercapacitor	Chemistry	Special	Von Steuben HS	Poster	USNavy - Senior Award \$75
Natalia Goral	What's Coming Out of My Tap?	Environmental	Gold	Chicago Public Schools	Poster	
Linnea Holcolb	Warring Windmills: Which One Wins?	Engineering	Gold	Chicago Public Schools	Poster	
Ivy Huang & Jiayu Liang	Wax Worms vs. Plastic Bags	Environmental	Gold	Chicago Public Schools	Poster	
Abhishek Joshi	Effect of Temperature on Algal Photosynthesis	Microbiology	Gold	Lane HS	Poster	
Lauren Karch & Lia Pappas	Studying Chirality With a Polarimeter	Physics	Gold	Ebinger	Poster	

Desiree Lara	The Power of Lemon!	Health	Silver	Chicago Public Schools	Poster	
Julia Lemanski	The Effect of Haplotypes on Inbreeding	Biochemistry	Gold	Lane Tech	Paper	
Steven Li	The Odyssey of Water Evolution	Environmental	Gold	Chicago Public Schools	Poster	
Mia Madrigal	Effects of Tea Tree Oil on Bacterial Growth	Microbiology	Gold	Lane HS	Poster	
Tasnim Mahi	Effect of Acidity and Solutions on Betalains	Biochemistry	Silver	Lane HS	Poster	
Tasnim Mahi	Effect of Acidity and Solutions on Betalains	Biochemistry	Special	Lane HS	Poster	Apple Dental Award \$100
Tasnim Mahi	Effect of Acidity and Solutions on Betalains	Biochemistry	Special	Lane HS	Poster	Takeda \$100
Omar Majzoub	Aerodynamics of Fuselage	Aero-space Science	Gold	Jones HS	Poster	
Omar Majzoub	Aerodynamics of Fuselage	Aero-space Science	Special	Jones HS	Poster	Best in Category
Cavan Malayter	Batter Up!	Physics	Bronze	Lake View HS	Poster	
Ivery Marquez	Whey To the Future	Environmental	Gold	Von Steuben	Paper	
Anna McDorman	Flammability of Fabric Softener on Cotton	Chemistry	Bronze	Smyser	Poster	
Isabel McGuigan	Counting Castles	Mathematics	Gold	Young HS	Poster	
Isabel McGuigan	Counting Castles	Mathematics	Special	Young HS	Poster	Best in Category
Isabel McGuigan	Counting Castles	Mathematics	Special	Young HS	Poster	Bradley University Excellence in Mathematics \$50
Claudia Molnar	Effect of Electrolytes on Sinapis Alba	Botany	Gold	Lane HS	Poster	
Jasper Montgomery	Gold Refractive Index Using Plasmon Rulers	Chemistry	Gold	South Shore Intl HS	Poster	
Jasper Montgomery	Gold Refractive Index Using Plasmon Rulers	Chemistry	Special	South Shore Intl HS	Poster	Best in Category
Stoykof Nunez	Tensioned Composite With Additives Reinforced	Materials	Silver	Phoenix Military HS	Poster	
Stoykof Nunez	Tensioned Composite with Additives Reinforced	Material Science	Gold	Phoenix	Paper	
Mercy Oladipo	Saving Skin: A Mobile Application	Health	Gold	Whitney Young	Poster	
Mercy Oladipo	Saving Skin: A Mobile Application	Health	Gold	Whitney Young	Paper	
Mercy Oladipo	Saving Skin: A Mobile Application	Health	Special	Whitney Young	Paper	Top Ten in the Senior Division \$50
Mercy Oladipo	Saving Skin: A Mobile Application	Health	Special	Whitney Young	Poster	Apple Dental Award \$100
Maeghan O'Laughlin	The Effect of Worms in Soil on Plant Growth	Environmental	Gold	Chicago Public Schools	Poster	
Amalia Petropoulos	Methanogenesis Fermentation & Hydrolysis	Environmental	Gold	Chicago Public Schools	Poster	
Abigail Pio	Strong as Concrete	Materials	Gold	Phoenix Military HS	Poster	
Abigail Pio	Strong As Concrete?	Material Science	Silver	Phoenix Military HS	Paper	
Katarzyna Puc	Comparing Pathways to PD Using Statistics	Mathematics	Silver	Lane Tech	Poster	
Katarzyne Puc	Comparing Pathways to PD Using Statistics	Mathematics	Silver	Lane Tech	Paper	
Chelsea Puccia	The Effect of Brewing Time on Caffeine Amount	Chemistry	Gold	Lincoln Park HS	Paper	
Daniel Puczko	Efficacy of Waste Water vs. Duo-Bacterial MFC	Environmental	Gold	Chicago Public Schools	Poster	
Michael Puczko	The Effects of Agents on Antibiotic Efficacy	Microbiology	Gold	Lane HS	Poster	

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Michael Puczko	The Effect of Agents on Antibiotic Efficacy	Microbiology	Special	Lane Tech	Paper	Top Ten in the Senior Division \$50
Michael Puczko	The Effect of Agents on Antibiotic Efficacy	Microbiology	Special	Lane Tech	Poster	Best in Category
Michael Puczko	The Effect of Agents on Antibiotic Efficacy	Microbiology	Special	Lane Tech	Poster	Apple Dental Award \$100
Dalena Quach	Worth It: Longlast Filter vs. Standard Filter	Chemistry	Gold	Mather HS	Poster	
Maxwell Rejman & Thomas Serges	Controlling Cockroach Movement with Spike	Electronics	Gold	Chicago Public Schools	Poster	
Jeffrey Ren	Aircraft Efficiency Using Photovoltaic Cells	Aerospace	Gold	Phoenix	Paper	
Maegan Resuello	Regeneration of Planarians	Microbiology	Gold	Amundsen	Poster	
Sofia Rodriguez	Measuring Sugar Content with a Laser Pointer	Behavioral Science	Gold	Addams	Poster	
Sofia Rogel	The Big Sick	Engineering	Silver	Chicago Public Schools	Poster	
Selena Saigado-Espino	Effectiveness of Antibiotics Against E.coli	Microbiology	Silver	Curie HS	Poster	
Selena Saigado-Espino	Effectiveness of Antibiotics Against E. coli	Health	Gold	Curie HS	Paper	
Stefania State	Polymerization and Ionization	Chemistry	Gold	Amundsen HS	Poster	
Robert Szymczyk	The Effects of Water Pollution on Mosquitoes	Engineering	Gold	Chicago Public Schools	Poster	
Robert Szymczyk	The Effects of Water Pollution on Mosquitoes	Engineering	Special	Chicago Public Schools	Poster	USNavy - Senior Award \$75
Robert Szymczyk	The Effects of Water Pollution on Mosquitoes	Engineering	Special	Chicago Public Schools	Poster	Clean Water Grand Prize & Stockholm Junior Water Prize
Alexander Vinarov	Effects of RNAi on C.elegans Innate Immunity	Microbiology	Gold	Walter Payton	Poster	
Alexander Vinarov	Effects of RNAi on C. elegans Innate Immunity	Microbiology	Gold	Walter Payton	Paper	
Daniel Vogwill	Effects of COR on Drought Stress in Zea Mays	Environmental	Gold	Chicago Public Schools	Poster	
Daniel Vogwill	Effects of COR on Drought Stress in Zea Mays	Environmental	Special	Chicago Public Schools	Poster	Peaceable Primate