

2019 IJAS Results for Chicago Public School Participants

[Full Statewide IJAS results for 2019 are available here.](#)

Exhibitors Names	Project Title	Category	Award	School	Paper/Poster	Special Awards
Michel Adelian	Inductive Efficiency	Physics	Gold	Gwendolyn Brooks HS	Poster	
Michel Adelian	Inductive Efficiency	Physics	Special	Gwendolyn Brooks HS	Poster	SIU Department of Physics \$100
Fariya Adil	Time Perception and Blood Pressure with Age	Behavioral	Bronze	Mather HS	Poster	
Sainabu Akinlolu	Bluegills, Lempomis, Macrochirus	Environmental	Gold	John T McCutcheon ES	Poster	
Malika Al-Safarini	The Affecting Factors of Rising Sea Levels	Environmental	Silver	Chicago Public Schools	Paper	
Aneesh Anagha	Nanomedicine: A study of Exosomal Endocytosis	Biochemistry	Gold	Walter Payton HS	Poster	
Aneesh Anagha	Nanomedicine: A study of Exosomal Endocytosis	Biochemistry	Special	Walter Payton HS	Poster	Best in Category
Aneesh Anagha	Nanomedicine: A study of Exosomal Endocytosis	Biochemistry	Special	Walter Payton HS	Poster	Apple Dental
Alejandro Arellano	Ways To Get Aero Like a Pro!	Aerospace	Gold	Chicago HS for Agricultural Sciences	Poster	
Shannon Assouline	The Evolution of Cryptography	Computer	Gold	Whitney Young HS	Poster	
Shannon Assouline	The Evolution of Cryptology	Computer	Gold	Whitney Young HS	Paper	
Dhruv Bala	Vision Based Robot System	Engineering	Gold	Lane Tech HS	Poster	
Matthew Bell	Investigation of the Mpemba Effect	Chemistry	Gold	Amundsen HS	Poster	
Matthew Bell	Investigation of the Mpemba Effect	Chemistry	Special	Amundsen HS	Poster	Jay Ford Takeda Award \$50
Caroline Bryan	On the Rise	Chemistry	Gold	LaSalle Language Academy	Poster	
Kwam Byll	Data Sorting Algorithms	Mathematics	Silver	Gwendolyn Brooks HS	Poster	
Abigail Diemer	Osmosis and the Three Bears	Chemistry	Gold	LaSalle Language Academy	Poster	
Ewan Evans	Particle Fallout	Environmental	Gold	Von Steuben HS	Poster	
Ewan Evans	Particle Fallout	Environmental	Gold	Von Steuben HS	Paper	
Payton Fleming	Gibberellic Acidity vs Plant Activity	Botany	Gold	Chicago HS for Agricultural Sciences	Poster	
Natalia Goral	What's Coming Out of my Faucet?	Environmental	Gold	Amundsen HS	Poster	
Robert Griffith	Cheat Day(s)	Botany	Gold	Audubon ES	Poster	
Lillian Jirousek	The Mercurial Matrix	Mathematics	Gold	Walter Payton HS	Poster	
Lillian Jirousek	The Mercurial Matrix	Mathematics	Special	Walter Payton HS	Poster	Best in Category
Abhishek Joshi	Effect of Temperature on Algal Photosynthesis	Microbiology	Gold	Lane Tech HS	Poster	
Riya Joshi	Tomato Power	Environmental	Gold	Whitney Young HS	Poster	
Yuri Kolovos	Best Design for Rescue Robot	Engineering	Gold	Budlong ES	Poster	

Mouaad Iamsahel	Hooke's Law in an Aqueous Environment	Physics	Bronze	Chicago Public Schools	Paper	
Michael LeMasters	Security of RFID Compared to Master Lock	Engineering	Gold	Amundsen HS	Poster	
Michael LeMasters	Security of RFID Compared to Master Lock	Engineering	Special	Amundsen HS	Poster	College of Sciences \$100
Steven Li	Combating Plastic with Facebook	Environmental	Gold	Walter Payton HS	Poster	
Steven Li	Combating Plastic With Facebook	Environmental	Gold	Walter Payton HS	Paper	
Steven Li	Combating Plastic With Facebook	Environmental	Special	Walter Payton HS	Poster	SIU College of Science \$200
Amelie Liebhaber	How Does Acid Rain Affect Plant Growth?	Botany	Gold	Dever ES	Poster	
Tasnim Mahi	Effect of Acidity and Solutions on Betalains	Biochemistry	Gold	Lane Tech HS	Poster	
Tasnim Mahi	Effect of Acidity and Solutions on Betalains	Biochemistry	Gold	Lane Tech HS	Paper	
Tasnim Mahi	Effect of Acidity and Solutions on Betalains	Biochemistry	Special	Lane Tech HS	Paper	Apple Dental
Omar Majzoub	Aerodynamics of Fuselage Takeoff Angles	Aerospace	Gold	Jones HS	Poster	
Omar Majzoub	Aerodynamics of Fuselage Takeoff Angles	Aerospace Science	Special	Jones HS	Poster	Best in Category
Andrew Martin	Radiation Levels	Physics	Gold	Chicago HS for Agricultural Sciences	Poster	
Andrew Martin	Radiation Levels	Physics	Special	Chicago HS for Agricultural Sciences	Poster	American Nuclear Society - Book, \$25
Jayla Moore	The Effects of Elements on Plant Growth	Botany	Gold	Dunne ES	Poster	
Jakob Nagy	What Sugar Works Best?	Biochemistry	Gold	Beaubien ES	Poster	
Stoykof Nunez	Post-Tensioned Infrastructural Concrete	Materials	Gold	Phoenix Military Academy	Poster	
Stoykof Nunez	Post-Tensioned Infrastructural Concrete	Materials	Gold	Phoenix Military Academy	Paper	
Mercy Oladipo	Saving Skin Year Two: An Algorithmic Model	Health	Gold	Whitney Young HS	Poster	
Mercy Oladipo	Saving Skin Year Two: An Algorithmic Model	Health	Special	Whitney Young HS	Paper	Top 10 in the Senior Division
Mercy Oladipo	Saving Skin Year Two: An Algorithmic Model	Health	Gold	Whitney Young HS	Paper	
Maeghan O'Laughlin	The Effect of Mycorrhiza on Soybeans in Soil	Environmental	Gold	Chicago HS for Agricultural Sciences	Poster	
Evelyn Olejniczak-Similio	Positive and Negative Reinforcement	Behavioral	Silver	Amundsen HS	Poster	
Elizabeth Perez	Coordination Situation!	Behavioral	Gold	Locke, J ES	Poster	
Amalia Petropoulos	Phosphatase Activity & Inorganic Phosphorus	Environmental	Gold	Mather HS	Poster	
Michael Puczko	Effect of Carvacrol on Antibiotic Efficacy	Microbiology	Gold	Lane Tech HS	Poster	
Michael Puczko	Effect of Carvacrol on Antibiotic Efficacy	Microbiology	Gold	Lane Tech HS	Paper	
Michael Puczko	Effect of Carvacrol on Antibiotic Efficacy	Microbiology	Special	Lane Tech HS	Poster	Apple Dental
Michael Puczko	The Efficiency of EM Energy Harvesting	Engineering	Special	Lane Tech HS	Paper	Apple Dental \$104
Michael Puczko	Effect of Carvacrol on Antibiotic Efficacy	Microbiology	Special	Lane Tech HS	Poster	Best in Category

Ananya Ramji	Nanomedicine: A study of Exosomal Endocytosis	Biochemistry	Gold	Walter Payton HS	Poster	
Ananya Ramji	Nanomedicine: A study of Exosomal Endocytosis	Biochemistry	Special	Walter Payton HS	Poster	Apple Dental \$100
Anel Reinoso	Effect of Voltage Levels on Prosthetic Hand	Engineering	Gold	Chicago Public Schools	Paper	
Citlali Rizo	Color on Memory	Behavioral	Silver	Curie Metro HS	Poster	
Sofia Rogel	Thermo-Dynamic Joint Contracture Brace	Engineering	Gold	Von Steuben HS	Poster	
Sofia Rogel	Thermo-Dynamic Joint Contracture Brace	Engineering	Gold	Von Steuben HS	Paper	
Sofia Rogel	Thermo-Dynamic Joint Contracture Brace	Engineering		Von Steuben HS	Poster	Best in Category
Artemis Rohrman & Gabriella Hagen	How Many is Too Many?	Health	Gold	Ebinger ES	Poster	
Artemis Rohrman & Gabriella Hagen	How Many is Too Many?	Health	Special	Ebinger ES	Poster	College of Engineering \$100 (Student) College of Engineering \$100 (School)
Gabriele Ron	The Efficiency of EM Energy Harvesting	Engineering	Special	Lane Tech HS	Poster	Best in Category
Gabriele Ron	The Efficiency of EM Energy Harvesting	Engineering	Special	Lane Tech HS	Poster	American Nuclear Society - Book, \$75
Gabriele Ron	The Efficiency of EM Energy Harvesting	Engineering	Gold	Lane Tech HS	Poster	
Sophia Rowan	Water Everywhere But Not a Drop to Drink	Chemistry	Silver	Keller Regional Gifted Center	Poster	
Sophia Rowan	Water Everywhere But Not a Drop to Drink	Chemistry	Special	Keller Regional Gifted Center	Poster	American Nuclear Society - Book, \$100
Sophia Rowan	Water Everywhere But Not a Drop to Drink	Chemistry	Special	Keller Regional Gifted Center	Poster	Illinois Section American Water Works Assn.
Sophia Rowan	Water Everywhere But Not a Drop to Drink	Chemistry	Special	Keller Regional Gifted Center	Poster	Jay Ford Takeda Award \$100
Rishi Sandrana	FaceBox	Electronics	Gold	Edison Regional Gifted Center	Poster	
Rishi Sandrana	FaceBox	Electronics	Special	Edison Regional Gifted Center	Poster	Omron Electronic Corporation \$100
Rishi Sandrana	FaceBox	Electronics	Special	Edison Regional Gifted Center	Poster	Graduate Council Award
Kristine Schoenecker	The Optimal Flocculant	Environmental	Gold	Chicago HS for Agricultural Sciences	Poster	
Amina Solangi	Keep It Hot!	Physics	Silver	Chicago Public Schools	Paper	
Jamar Sullivan	Genetically Modified Algorithms	Computer Science	Gold	Brooks College Prep	Poster	
Jamar Sullivan	Genetically Modified Algorithms	Computer Science	Special	Brooks College Prep	Poster	Best in Category
Robert Szymczyk	The Effects of Water Pollution on Mosquitoes	Environmental	Gold	Lane Tech HS	Poster	
Robert Szymczyk	The Effects of Water Pollution on Mosquitoes	Environmental	Gold	Lane Tech HS	Paper	
Robert Szymczyk	The Effects of Water Pollution on Mosquitoes	Environmental	Special	Lane Tech HS	Paper	Jay & Jeremy Hoffmann Memorial Award
Robert Szymczyk	The Effects of Water Pollution on Mosquitoes	Environmental	Special	Lane Tech HS	Poster	IWEA Senior Grand Prize \$200
Robert Szymczyk	The Effects of Water Pollution on Mosquitoes	Environmental Science	Special	Lane Tech HS	Poster	Best in Category
Michelle Thran	Effect of Soil Amendments on Mars Regolith	Earth	Gold	Lane Tech HS	Poster	

Michelle Thran	Effect of Soil Amendments on Mars Regolith	Earth Science	Special	Lane Tech HS	Poster	Environmental & Engineering Geologists \$50
Michelle Thran	Effect of Soil Amendments on Mars Regolith	Earth Science	Special	Lane Tech HS	Poster	Best in Category
Leah Williams	The Wallflower of Radiation	Physics	Silver	Franklin Fine Arts Center	Poster	
Leah Williams	The Wallflower of Radiation	Physics	Special	Franklin Fine Arts Center	Poster	American Nuclear Society - Book, \$25
Yasmine Zmali-Meftah	Effects of Green Tea on Lowering Sugar Levels	Biochemistry	Gold	Jonathan Burr ES	Poster	