

South Florida

Junior *Biomedical & Health Sciences*

Cecilia T. Suarez	George Washington Carver Middle School	Mrs. Bertha Vazquez
J0314	Honey Bee Good	

Third Place

Junior *Earth & Environmental Sciences*

Michael N. Odzer	Highland Oaks Middle School	Mr. Julio Miguez
J0624	Abundance and Habitat use of <i>Chelonia mydas</i> using Drone Video Surveillance: Does Distance from Refuge Build on Ideal Free Distribution Theory for Green Sea Turtles?	

Recognition

Junior *Environmental Engineering*

Jakob L. Gundersen	George Washington Carver Middle School	Mrs. Bertha Vazquez
J0815	A Green Light to Free Power	

Fourth Place

Isabela V. Perdomo	Norman S. Edelcup Sunny Isles Beach K-8 Community School	Mr. Daniel Goodfriend
J0816	Cleaner Bottoms: Part 2 An Environmentally Friendly Method of Reducing Barnacle Growth and Improving the Quality of Our Waterways Using Ultrasonic Waves!	

First Place

Dana Sapir	Aventura City of Excellence School	Ms. Lindsey B. Cohen
J0817	The Solar Secret of Fibonacci's Tree	

Fourth Place

Jordan M. Umlas	Nautilus Middle School	Dr. Gwendolyn Foote
J0827	The Creation of a novel Carbon Dioxide Scrubber Using Chlorella	

Recognition

Junior *Mathematics & Computational Sciences*

Alexander S. Chinea	George Washington Carver Middle School	Ms. Mary Martinez
J1011	Math vs Bias	

Second Place

Junior *Plant Sciences*

Sophia G. Carbajal	Winston Park K-8 Center	Mr. Richard Dominguez
J1315	The Effect of Nickel Sulfate on Amount of Magnesium in Plants	

Fourth Place

Sara I. Toledo	Winston Park K-8 Center	Mr. Joseph Callaway
J1316	Does the Nitrogen-Fixing Bacteria (<i>Rhizobium</i>) and Nitrogen Fertilizer Affect the Biomass of the Clover (<i>Trifolium</i>)	

Recognition

Senior *Animal Sciences*

Madison Precht	Westminster Christian School	Mrs. Lisa Garrido
S0110	Lethal and Sub-lethal Effects of Sunscreen Compounds on the Threatened Staghorn Coral, <i>Acropora cervicornis</i>	
Third Place		
Senior <i>Biomedical & Health Sciences</i>		
Andy Armand	North Miami Beach Senior High School	Mrs. Vania Boeva
S0312	Studies of the Interactions between Analogues of Heparin Disaccharide and Alzheimer Amyloid β (A β)	
Fourth Place		
Ethan Z Levy	Dr. Michael M. Krop High School	Dr. David Buncher
S0313	A Novel Method for Auto-Suturing in Laparoscopic Robotic Coronary Artery Bypass Graft Anastomosis	
Second Place		
Abigail E Raffalski	Westminster Christian School	Mrs. Lisa Garrido
S0315	Cell Cycle Dysregulation in Ovarian Cancer	
Honorable Mention		
Senior <i>Cellular/Molecular Biology & Biochemistry</i>		
Michael Goncalves	TERRA Environmental Research Institute	Mrs. Melissa Fernandez
S0410	The Impact of Arg 33 and Arg 84 on Human Cytochrome Stability	
Third Place		
Amanda R Maytin	Medical Academy for Science and Technology	Mr. Brian Ruhman
S0411	Role of Autophagy on HIV Tat-Induced Intracellular Calcium Release in Murine Astrocytes	
Third Place		
Senior <i>Chemistry</i>		
Sara V Fernandez	Westminster Christian School	Mrs. Lisa Garrido
S0510	The Effect of Increasing the Level of Magnetic Field Applied on the Flow Rate of Simulated Blood	
Third Place		
Olivia L Gottlieb	Dr. Michael M. Krop High School	Dr. David Buncher
S0511	Cohesiveness of the Oscillating BZ Reaction	
Third Place		
Senior <i>Earth & Environmental Sciences</i>		
Andres E Leon	Felix Varela Senior High School	Mrs. Teresa Casal
S0629	Tracking Phosphate Inputs as a Result of Saltwater Intrusion in the Florida Everglades Using Benthic Algal Mats	
Recognition		
Senior <i>Environmental Engineering</i>		

Jesus R Capo	Christopher Columbus High School	Ms. Christine Taylor
S0811	RecycloTrash: Barcodes vs CV	

Third Place

David A Perez	Christopher Columbus High School	Ms. Christine Taylor
S0811	RecycloTrash: Barcodes vs CV	

Third Place

Senior *Mathematics & Computational Sciences*

Elizabeth J Stone	Miami Country Day School	Mr. Dan Bronish
S1007	Relative Entropy of Paintings	

Honorable Mention

Senior *Plant Sciences*

Megan M Zou	Ransom Everglades School	Dr. Claudia Ochatt
S1306	Supercharged Plants to Fight Global Warming: Data Mining for Key Genes of Photosynthetic Acclimation to Climate Change	

Fourth Place

22 awards for South Florida Region

Special Awards By Regions



62nd Annual State Science and Engineering Fair

March 28 - 30, 2017

Lakeland Center, Lakeland

South Florida

Animal Sciences

Senior

S0110

Madison Precht

Westminster Christian School

Mrs. Lisa Garrido

Nomination for \$8,000 four-year Scholarship to New College of Florida
New College of Florida

Nomination for Scholarship - half tuition per year for up to 4 years
Florida Institute of Technology

Biomedical & Health Sciences

Senior

S0313

Ethan Z Levy

Dr. Michael M. Krop High School

Dr. David Buncher

Office of Naval Research Medallion and Certificate

United States Navy Science Awards, Office of Naval Research

S0314

Maya M Levy

Dr. Michael M. Krop High School

Dr. David Buncher

\$50 Cash Award

West Panhandle Regional Science and Engineering Fair

Earth & Environmental Sciences

Junior

J0624

Michael N Odzer

Highland Oaks Middle School

Mr. Julio Miguez

\$50 Cash Award

Palm Beach Regional Science and Engineering Fair

Senior

S0629

Andres E Leon

Felix Varela Senior High School

Mrs. Teresa Casal

\$300 Cash Award

Society of Mining, Metallurgy and Exploration (SME), Florida Section

\$50 Cash Award

Palm Beach Regional Science and
Engineering Fair

S0615

Michael Bregar

MAST Academy

Mrs. Cristina Madrigal

\$50 Cash Award

Clay Rotary Regional Science and
Engineering Fair

Environmental Engineering

Junior

J0816

Isabela V Perdomo

Norman S. Edelcup Sunny Isles
Beach K-8 Community School

Mr. Daniel Goodfriend

\$200 Cash Award

Florida Department of Agriculture and
Consumer Services Winner Awards

Certificate and Nomination Packet

Broadcom MASTERS

Office of Naval Research Medallion and
Certificate

United States Navy Science Awards, Office of
Naval Research

Mathematics & Computational Sciences

Junior

J1011

Alexander S Chinae

George Washington Carver Middle
School

Ms. Mary Martinez

Certificate and Nomination Packet

Broadcom MASTERS