

# 2022 Winners

## Grade Level Winners

AWARD	INVENTION	INVENTOR(S)	AFFILIATE
<b>Kindergarten</b>			
<b>1st Place</b>	The Do Not Forget Me Bracelet	Audrey Young	Connecticut Invention Convention
<b>2nd Place</b>	Mermaid Crayon Helper	Natalee Eaton	Florida Gulf Coast Invention Convention
<b>1st Grade</b>			
<b>1st Place</b>	Remember It Bracelet	Rachel Smith	Connecticut Invention Convention
<b>2nd Place</b>	Vibration Detection Sensor & Holographic Light Watch	Daniel Kang	Invent Idaho
<b>3rd Place</b>	Stove Blocker	Clara Kehoe	Massachusetts Invention Convention
<b>2nd Grade</b>			
<b>1st Place</b>	Wylie Graves - The Huski	Wylie Graves	Connecticut Invention Convention
<b>2nd Place</b>	Soccer With Socks (aka: SOCKer)	Quinn Nakasuji	California Invention Convention
<b>3rd Place</b>	Unbored Game	Solomon Deskins	Ohio Invention Convention
<b>3rd Grade</b>			
<b>1st Place</b>	The Ring of Fire	Josie Steffenson	Connecticut Invention Convention
<b>2nd Place</b>	E.F.A.F. (Emergency Floor plan App for First responders)	Charles Smith	Invent Iowa
<b>3rd Place</b>	Feetch	Cala Watson	California Invention Convention
<b>4th Grade</b>			
<b>1st Place</b>	Handy Hound Handle	Evelyn Klimowicz	Connecticut Invention Convention
<b>2nd Place</b>	P.E.A.C.E	Risha Gupta	California Invention Convention
<b>3rd Place</b>	I-Safe Bookmark	Philip Ryu	California Invention Convention

## Grade Level Winners (continued)

AWARD	INVENTION	INVENTOR(S)	AFFILIATE
<b>5th Grade</b>			
<b>1st Place</b>	OCT-D: Defense For Your Car	Ava-Elizabeth Bell	Ohio Invention Convention
<b>2nd Place</b>	Bubble: The digital guide for preventing strong emotions	Paige Timpe	Chicago Student Invention Convention
<b>3rd Place</b>	Tasty IV Flush	Dylan Stillittano	California Invention Convention
<b>6th Grade</b>			
<b>1st Place</b>	Inch by inch What a Cinch	Isabella Buell	Ohio Invention Convention
<b>2nd Place</b>	The Ultimate Tennis Trainer	Sara Chrysler	Florida Gulf Coast Invention Convention
<b>3rd Place</b>	AeroSolution - Bringing New Life to Aerosol Cans	Braeden George, Donovan George	Ohio Invention Convention
<b>7th Grade</b>			
<b>1st Place</b>	EZ-Swallow	Riley Shove	Connecticut Invention Convention
<b>2nd Place</b>	The Dual-Handle Umbrella for Adult & Child	Nathaniel Wellen	California Invention Convention
<b>3rd Place</b>	ScreenBird	Delilah Van Ness	Connecticut Invention Convention
<b>8th Grade</b>			
<b>1st Place</b>	Energy Metamorphosis	Kurukulasuriya Nishini Fernando	Florida Gulf Coast Invention Convention
<b>2nd Place</b>	DroneAssist	Vedansh Wadhvani	Chicago Student Invention Convention
<b>3rd Place</b>	Ambrosia Auto: Engineering for Social Justice	Austin Ewing, Ifeoma Okolo	Chicago Student Invention Convention
<b>9th Grade</b>			
<b>1st Place</b>	En.Gen.Panels (TM) - A fusion of piezoelectric and solar technology to optimize solar panels	Dhruva Sharma	Florida Gulf Coast Invention Convention
<b>2nd Place</b>	T-Sound	Jasmine Lima	Invent Idaho
<b>3rd Place</b>	A Protocol to the Early Detection of Neurological Conditions Using Eye Movement Data	Mehereen Chowdhury	Florida Gulf Coast Invention Convention

## Grade Level Winners (continued)

AWARD	INVENTION	INVENTOR(S)	AFFILIATE
<b>10th Grade</b>			
<b>1st Place</b>	Silicone Eye Applanation Model (S.E.A.M.)	Sonia Patel	Florida Gulf Coast Invention Convention
<b>2nd Place</b>	Blood Donation Buddy-The Anticoagulant Blood Mixer and Anti-Stress Device for Patients Donating Blood	Ana-Lois Davis	Connecticut Invention Convention
<b>3rd Place</b>	RecycleVac	Rylee Blair, Disha Mudenur	Massachusetts Invention Convention
<b>11th Grade</b>			
<b>1st Place</b>	VisionBound: Bridging the Gap Between Technology and Preventable Retinal Diseases	Aum Dhruv, Nicholas Harty	Florida Gulf Coast Invention Convention
<b>2nd Place</b>	Athegia: A Revolutionary Habit-Changing At-Home Medical Monitoring System for Senior Citizens	Marc van Zyl	Georgia Tech K-12 InVenture Prize
<b>3rd Place</b>	Generating Bioplastics from Banana Peels: An Innovative Approach to Reduce Artificial Plastic Pollution	Caroline Guerra	Florida Gulf Coast Invention Convention
<b>12th Grade</b>			
<b>1st Place</b>	UltraVii	Barnabas Li, Michelle Li, Tianjie Lu	Georgia Tech K-12 InVenture Prize
<b>2nd Place</b>	Salinity Solver	Rowan Crammer, Kayley Hart	Pennsylvania Invention Convention
<b>3rd Place</b>	Fire-Fly Wildfire Drone Sentinel	Sasha Lee, Adam VanderMolen, Anthony Young	Invention Convention Michigan

## Industry Award Winners

AWARD	INVENTION	INVENTOR(S)	AFFILIATE
<b>Agriculture and Food</b>	Brd Home 5000	Amelia Rizza	Connecticut Invention Convention
<b>Animal Care and Pets</b>	Rubbie Blinds	Remi Martinez	California Invention Convention
<b>Consumer Goods and Fashion</b>	D shoes	Kristopher Neil Bayog	California Invention Convention
<b>Environmental and Sustainability</b>	Neptune: The Saver of the Sea	Danny Mefford, Aiden Peelle	Ohio Invention Convention
<b>Education</b>	Crayon Holder	Violet Cummings	California Invention Convention
<b>Energy Presented by ITC</b>	Energy Metamorphosis	Kurukulasuriya Nishini Fernando	Florida Gulf Coast Invention Convention
<b>Health and Medical Presented by Danaher</b>	Tasty IV Flush	Dylan Stillittano	California Invention Convention
<b>Household Organization and Appliances</b>	RecycleVac	Rylee Blair, Disha Mudenur	Massachusetts Invention Convention
<b>Manufacturing and Tools</b>	The Tire Lock	Anderson Fortner	Tennessee Invention Convention
<b>Safety</b>	Myla: A Domestic Violence Alerting Device comprised of an Analog Sound Level Meter, OLED Display, and iOS Mobile App built using Swift	Suchita Srinivasan	Connecticut Invention Convention
<b>Sports, Games and Toys</b>	Wylie Graves - The Huski	Wylie Graves	Connecticut Invention Convention
<b>Transportation</b>	OCT-D: Defense For Your Car	Ava-Elizabeth Bell	Ohio Invention Convention

## Specialty Award Winners

AWARD	INVENTION	INVENTOR(S)	AFFILIATE
<b>Aerospace Award: Presented by Raytheon Technologies</b>	Fire-Fly Wildfire Drone Sentinel	Sasha Lee, Adam VanderMolen, Anthony Young	Invention Convention Michigan
<b>Connectivity Award: Presented by Raytheon Technologies</b>	Athegia: A Revolutionary Habit-Changing At-Home Medical Monitoring System for Senior Citizens	Marc van Zyl	Georgia Tech K-12 InVenture Prize
<b>Inclusion Award: Presented by Raytheon Technologies</b>	Ambrosia Auto: Engineering for Social Justice	Austin Ewing, Ifeoma Okolo	Chicago Student Invention Convention

## Specialty Award Winners (continued)

AWARD	INVENTION	INVENTOR(S)	AFFILIATE
<b>Technology of Tomorrow: Presented by Raytheon Technology</b>	Neptune: The Saver of the Sea	Danny Mefford, Aiden Peelle	Ohio Invention Convention
<b>Innovation in Electronics Award: Presented by Arrow Electronics</b>	AES CAGED (An Environmental Solution to Carbonic Acid Gas)	Tarun Batchu	Ohio Invention Convention
<b>Innovation in Mobility: Presented by Ford STEM</b>	Rain-L-Speed	Sharvi Deshmukh	Ohio Invention Convention
<b>Make the World Award: Presented by Stanley Black &amp; Decker</b>	Silicone Eye Applanation Model (S.E.A.M.)	Sonia Patel	Florida Gulf Coast Invention Convention
<b>Most Energy Sustainable Award: Presented by Avangrid Foundation</b>	En.Gen.Panels (TM) - A fusion of piezoelectric and solar technology to optimize solar panels	Dhruva Sharma	Florida Gulf Coast Invention Convention
<b>Research Award: Presented by Gartner</b>	UltraVii	Barnabas Li, Michelle Li, Tianjie Lu	Georgia Tech K-12 InVenture Prize

## Patent Application Winners

AWARD	INVENTION	INVENTOR(S)	AFFILIATE
<b>Presented by WilmerHale</b>	Creating and Testing the Efficiency of a Biofoul Removal Tool on PVC Coral Nursery Trees in the Upper Florida Keys	Lucan Keyser	Florida Gulf Coast Invention Convention
<b>Presented by WilmerHale</b>	The ARE Board (Auto Rolling & Erasing Whiteboard)	Jason Ahn	Invent Iowa
<b>Presented by WilmerHale</b>	Ski Sense	William Lefavre	Massachusetts Invention Convention
<b>Presented by WilmerHale</b>	OCT-D: Defense For Your Car	Ava-Elizabeth Bell	Ohio Invention Convention
<b>Presented by WilmerHale</b>	Handsfree Dice Roller	Nikhil Kosanam	Connecticut Invention Convention
<b>Presented by CantorColburn-Connecticut</b>	Athegia: A Revolutionary Habit-Changing At-Home Medical Monitoring System for Senior Citizens	Marc van Zyl	Georgia Tech K-12 InVenture Prize

## Patent Application Winners (continued)

AWARD	INVENTION	INVENTOR(S)	AFFILIATE
<b>Presented by CantorColburn-Detroit and General Motors</b>	Power Walk: An Innovative Smart Sneaker Using Thermoelectricity	Yusef Mujtaba	Florida Gulf Coast Invention Convention
<b>Presented by CantorColburn-Detroit and General Motors</b>	Continuous Groundwater Monitoring with Machine Learning	Akhila Ram	Massachusetts Invention Convention
<b>Presented by Cooley</b>	Cargility	Meera Ramaswami	Invention Convention Michigan
<b>Presented by Cooley</b>	The Tire Lock	Anderson Fortner	Tennessee Invention Convention
<b>Presented by Clark Hill</b>	Smart Lead Detector	Divya Nukavarapu	Connecticut Invention Convention

## Invention Process Winners

AWARD	INVENTION	INVENTOR(S)	AFFILIATE
<b>Best Video Presentation</b>	E.F.A.F. (Emergency Floor plan App for First responders)	Charles Smith	Invent Iowa
<b>Best Logbook</b>	Safe S'mores Shield (Collapsible Heat Shield)	Julianna Schwam	Invent Idaho
<b>Best Logbook</b>	The ARE Board (Auto Rolling & Erasing Whiteboard)	Jason Ahn	Invent Iowa
<b>Best Display Board</b>	SwingStep	Amelie Oderman	California Invention Convention
<b>Best Prototype</b>	Blood Donation Buddy-The Anticoagulant Blood Mixer and Anti-Stress Device for Patients Donating Blood	Ana-Lois Davis	Connecticut Invention Convention
<b>Best In-Person Presentation Award</b>	Pollut-END!	Audrey Cristelli	Georgia Tech K-12 InVenture Prize

## Global Change Winners

AWARD	INVENTION	INVENTOR(S)	AFFILIATE
<b>Accessibility Award</b>	Mermaid Crayon Helper	Natalee Eaton	Florida Gulf Coast Invention Convention
<b>Community/Societal Benefit Award: Sponsored by Lemelson Foundation</b>	Pollut-END!	Audrey Cristelli	Georgia Tech K-12 InVenture Prize

## Global Impact Winners

AWARD	INVENTION	INVENTOR(S)	AFFILIATE
<b>Market Research</b>	Inch by inch What a Cinch	Isabella Buell	Ohio Invention Convention
<b>Enviromental and Social Impact</b>	VisionBound: Bridging the Gap Between Technology and Preventable Retinal Diseases	Aum Dhruv, Nicholas Harty	Florida Gulf Coast Invention Convention
<b>Originality</b>	The Dual-Handle Umbrella for Adult & Child	Nathaniel Wellen	California Invention Convention

## Most Innovative Winner

AWARD	INVENTION	INVENTOR(S)	AFFILIATE
<b>Most Innovative Award: Presented by Raytheon Technologies</b>	Continuous Groundwater Monitoring with Machine Learning	Akhila Ram	Massachusetts Invention Convention