

Flint Area Science Fair

FOR RELEASE March 7, 2010 AFTER 5:00 PM ONLY

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Note: The lists of award winners by Division follow the list of Science Fair Sponsors and the list of Special Award donors below. Students are listed in order of rank by Division (Senior, Junior, Group, Elementary) and within category of project for the junior division.

“Science Rocks” at the 54th Annual Flint Area (Regional) Science & Engineering Fair

“It is very reassuring to talk with students and judge science fair projects—these kids are bright, inquisitive, and creative and are developing real aptitude for science”, said John Wambaugh, who has been Director of the Flint Area Science Fair for 18 years. “In these difficult times that our state and country are experiencing it is reassuring to see what our youth, who will be the leaders of tomorrow, are doing to prepare.”

281 students competed in the 54th Annual Flint Area (Regional) Science & Engineering Fair that was held on the campus of Kettering University March 5-8. FASF serves students from Genesee, Lapeer, Shiawassee and Tuscola counties and from communities not served by a recognized regional science fair. FASF provides an opportunity for students to be recognized for their achievements and hard work. 84 Finalists were identified by judges on Friday evening. They were then interviewed by several judges Saturday morning to determine ranking and who would become the recipients of nearly \$32,000 in awards that included scholarships, bonds, prizes and, for four senior division students, an all expense paid trip to attend the Intel International Science & Engineering Fair in San Jose, California.

“Everyone is a winner” John Wambaugh likes to say, and FASF recognizes all students who participate. Students not selected as finalists are each interviewed by a judge to get encouragement and to help them learn how to do better science next time. They all receive a goodie bag of prizes and a ribbon.

In addition to awards presented by FASF, 151 students received Special Awards from 37 local, state and national professional, business and government organizations and individual sponsors who use their own criteria in selecting winners.

The Flint Area Science Fair Board wishes to thank the many wonderful Fair sponsors-- individuals and organizations, for their commitment to the community, to youth and to the importance of science and technology.

The Board also wishes to thank our many contributors for their generous support, and the more than 50 judges who gave their time and talents to meet with students one-on-one to review projects and provide encouragement. "The efforts of many dedicated volunteers makes this Fair one of the best in the nation", said Wambaugh.

Flint Area Science Fair 2010 SPONSORS

The corporations, foundations and organizations that support the Flint Area Science Fair with donations of \$1,000 or more in funds, or goods and services deserve special thanks. Without the support of sponsors and other contributors the fair would not be possible.

- **A-Frame Awards**
- **Anna Paulina Foundation**
- **Arthur G. Bishop Charitable Trust**
- **Baker College**
- **Charles Stewart Mott Foundation**
- **CHMM Michigan**
- **Community Foundation of Greater Flint**
- **Distinctive Recognition Co.**
- **Flint Area School Employees Credit Union**
- **Genesee Intermediate School District**
- **Hurley Medical Center**
- **James A. Welch Foundation**
- **Kettering University**
- **Lapeer County Community Foundation**
- **Meijer Stores**
- **Mid States Bolt & Screw**
- **Orbro Solutions, LLC**
- **Stella & Frederick Loeb Charitable Trust**
- **TGI Direct**
- **United Automobile Workers**
- **University of Michigan, Flint**

Special Awards Sponsors—

The following organizations agencies and individuals provide Special Awards to recognize students whose **projects meet criteria established by the donor organization.**

- Air and Waste Management Association
- American Meteorological Society
- American Psychological Association
- American Society of Civil Engineers
- ASM International Foundation
- Association for Women Geoscientists
- Certified Hazardous Material Managers
- David C. & Doris Hill Chemistry Award
- Discovery 3M Challenge
- Eastern Michigan ASHRAE
- Fisher Scientific
- Flint Children's Museum
- Flint River Watershed Coalition
- Flint, City of/ Office of Mayor
- Genesee County Farm Bureau
- Genesys Regional Health Center
- Genesys Nurses Professional Development Committee

- Hurley Medical Center
- Intel Computer Award
- I-Sweep 2010
- Jeffrey Slebonick Geology/Earth Science
- Kenton Nieman Memorial Award
- Kettering University
- McLaren Health Care Corporation
- Mid Michigan Ambulatory Physicians
- MU Alpha Theta
- National Oceanographic Atmospheric Administration
- National Society of Professional Engineers
- Ricoh Sustainable Award
- Scientific American
- Sloan Museum/Longway Planetarium
- State of Michigan / Governors Office
- U. S. Army
- U.S. Air Force
- U.S. Metric Association
- U.S. Navy / Marine Corp
- U.S. Public Health Service

The ranking of finalists by Division (Senior, Junior with three category subsets, Group and Elementary) follows. (Note: If this format presents problems please contact Tom Cerny at tomcerny1@aol.com.)

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FLINT AREA SCIENCE FAIR PRESS RELEASE
SENIOR DIVISION FINALISTS

3/7/2010

PLACE	NAME	PROJECT	GRADE	SCHOOL
1	Matthew Bauerle	S820	10	Bauerle Homeschool
	ISEF Participant \$2000 Scholarship	Optimizing the Deflation Strategy of a Divide and Conquer Eigensolver with a Genetic Algorithm		
2	Noah Gagnon	S821	12	Gagnon Family Homeschool
	ISEF Participant \$1500 Scholarship	Solar Sails: Which Design is Most Efficient?		
3	Lois Gagnon	S804	10	Homeschool
	\$1000 Scholarship	Detection of Radioactive Emissions from Common Household Articles Using a Cloud Chamber		
4	Chandler Anschutz	S802	9	Davison High School
	ISEF Observer \$500 Scholarship	Alternative Energy: Wind vs. Water		

4	Hannah Campbell	S808	9	Imlay City High School
ISEF Observer \$500 Scholarship	Shut the Front Door			
4	Nicholas Daniel	S818	12	Luke M. Powers Catholic High School
\$500 Scholarship	Electromagnetic Acceleration: Wave of the Future?			
4	Kaitlin McNeil	S814	10	Holly High School
\$500 Scholarship	Germ Warfare			
5	Holly Bronson	S819	9	Davison High School
ISEF Alt. Observer \$500 Bond	Music 'n' Math			

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FLINT AREA SCIENCE FAIR PRESS RELEASE
SENIOR DIVISION FINALISTS

3/7/2010

PLACE	NAME	PROJECT	GRADE	SCHOOL
5	Omeed Hekmati	S811	9	Carman Ainsworth High School
\$500 Bond	Bacillus x isolated from a dollar bill is a real Germicide			
5	Damien Johnson	S810	11	Mira Homeschool
\$500 Bond	Antacid Adjustments			
5	Andrez Mira	S812	10	Mira Homeschool
\$500 Bond	Diet and the Ecosystem			
5	John Mira	S815	12	Mira Homeschool
\$500 Bond	Honey of a Mystery Investigation			

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FLINT AREA SCIENCE FAIR PRESS RELEASE
JUNIOR DIVISION EARTH/CHEM SCIENCE
FINALISTS

3/7/2010

PLACE	NAME	PROJECT	GRADE	SCHOOL
Grand Award Earth/Chem	Andrew Celini	J458	7	St. John the Evangelist - Fenton
\$1500 Scholarship	Wind Energy			
2 Earth/Chem	Brianna Costigan	J603	6	St. John the Evangelist - Fenton
\$500 Bond	How a Car's Shape Affects its Drag			
2 Earth/Chem	Faith Lavallo	J427	8	Holly Academy
\$500 Bond	Light + Color = Energy			

3 Earth/Chem	Thomas Dawson	J444	6	Holly Academy
\$400 Bond	The Power of Wind			
3 Earth/Chem	Sarah Mulkey	J409	8	Davison Middle school
\$400 Bond	Decomposition Dilemma			
4 Earth/Chem	Dayaan Ghani	J443	7	Genesee Academy
\$300 Bond	The Amazing Fuel Cell Car			
4 Earth/Chem	Hillery Glasschild	J405	6	St. John Vianney Catholic School
\$300 Bond	Buried vs. H2O			
4 Earth/Chem	Rebecca Martin	J442	7	St. John the Evangelist - Fenton
\$300 Bond	TERMITE INSPIRED AIR CONDITIONING			

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FLINT AREA SCIENCE FAIR PRESS RELEASE
JUNIOR DIVISION EARTH/ CHEM SCIENCE
FINALISTS

3/7/2010

PLACE	NAME	PROJECT	GRADE	SCHOOL
4 Earth/Chem	Rachel Powers	J459	8	Homeschool
\$300 Bond	Wind Power			
4 Earth/Chem	Jacob Prim	J446	6	Hahn Intermediate
\$300 Bond	Toothpaste Solids			
5 Earth/Chem	Sean Bleicher	J433	7	St. John the Evangelist - Fenton
\$200 Bond	Reusing Broken Solar Panels			
5 Earth/Chem	Jaycie Clinton	J448	8	Davison Middle School
\$200 Bond	Ultraviolet Light			
5 Earth/Chem	Jakara Fulton	J404	6	St. John Vianney Catholic School
\$200 Bond	Bottled water vs. tap			
5 Earth/Chem	Corey Luttermoser	J460	6	Hahn Intermediate
\$200 Bond	Wind Turbines			
5 Earth/Chem	Taylor Weier	J452	8	Davison Middle School
\$200 Bond	What Type of Plastic Wrap Best Prevents Evaporation?			

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FLINT AREA SCIENCE FAIR PRESS RELEASE
JUNIOR DIVISION LIFE SCIENCE FINALISTS

3/7/2010

PLACE	NAME	PROJECT	GRADE	SCHOOL
1 Life	Adam Alamah	J544	7	Genesee Academy
\$1000 Scholarship	Which disinfectant and antiseptic work best against bacteria?			
2 Life	Farah Qureshi	J540	7	Genesee Academy
\$500 Bond	What Cleaners Can't Clean			
3 Life	Abigail Brown	J490	8	Holly Academy
\$400 Bond	Dyeing Naturally			
3 Life	Caitlin Daly	J487	8	Davison Middle School
\$400 Bond	Does Smell Affect Taste?			
3 Life	Samantha Luba	J533	8	Davison Middle School
\$400 Bond	The Rest You Need			
3 Life	Seema Sabbagh	J478	7	Genesee Academy
\$400 Bond	Diffusion and Medicine, Understanding the Connection!			
3 Life	Atheena Schnepf	J476	6	Holly Academy
\$400 Bond	Composted Soil vs. Potting Soil			
4 Life	Noor Abdulhay	J492	8	Genesee Academy
\$300 Bond	Eat Well, Live Better (cancer free)			

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FLINT AREA SCIENCE FAIR PRESS RELEASE
JUNIOR DIVISION LIFE SCIENCE FINALISTS

3/7/2010

PLACE	NAME	PROJECT	GRADE	SCHOOL
4 Life	Braddock Baalerud	J503	7	Bishop Kelley Catholic School
\$300 Bond	Help Me Loose My Bladder Stones! (A Solution for Urinary Tract Crystals)			
4 Life	Andrew Bade	J473	6	St. John Vianney Catholic School
\$300 Bond	Carb Sport A Race to Raise Blood Sugar			
4 Life	Geoffrey Kocks	J539	8	Grand Blanc Middle School East
\$300 Bond	What Allergy Antihistamine Starts Working the Fastest?			
4 Life	Yasmeen Raffee	J491	7	Genesee Academy
\$300 Bond	Dynamic DNA			
4 Life	Sara Wujciak	J462	8	Holly Academy
\$300 Bond	5-Second Rule: Fact or Fiction?			
5 Life	Ti'Lia Baxter	J502	6	Doyle-Ryder
\$200 Bond	Heart Exercise			
5 Life	Jessica Caruso	J510	7	Everest Academy
\$200 Bond	It's Alive-At Yeast We Think Dough			
5 Life	Alexis Edmonds	J479	7	St. John Vianney Catholic School
\$200 Bond	Dine-in Vs. Carry-out			

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FLINT AREA SCIENCE FAIR PRESS RELEASE
JUNIOR DIVISION PHYSICAL SCIENCE
FINALISTS

3/7/2010

PLACE	NAME	PROJECT	GRADE	SCHOOL
1 Physical	Matthew Wilson	J577	6	Lakeville Middle School
\$1000 Scholarship	Pump It Up			
2 Physical	Emily Cormier	J573	6	Oakview Middle School
\$500 Bond	Nano Glass Nano Glass on the Wall...Who Reflects Most Light to All?			
3 Physical	Seth Cole	J559	8	Davison Middle School
\$400 Bond	Electricity in Foods			
3 Physical	Meghan Hough	J553	8	Davison Middle School
\$400 Bond	Can Camera Angle Eliminate Red-Eye Effect?			
4 Physical	Sofia Ahsan	J594	7	Genesee Academy
\$300 Bond	Watch out - there's ice!			
4 Physical	Sammy Hutchings	J570	6	St. John Vianney Catholic School
\$300 Bond	Junior Flex Ratings for Hockey Sticks			
4 Physical	Drew Lieske	J593	8	Davison Middle School
\$300 Bond	Velocity Consistencies of Cheap v. Premier Shotgun Ammunition			
4 Physical	Keyanna Simmonds	J590	7	Lakeville Middle School
\$300 Bond	The Future of Entertainment			

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FLINT AREA SCIENCE FAIR PRESS RELEASE
ELEMENTARY DIVISION FINALISTS

3/7/2010

PLACE	NAME	PROJECT	GRADE	SCHOOL
1	Hamza Jafari	E111	5	Genesee Academy
\$750 Bond	OIL POLLUTES THE WATER OIL CLEANS IT THE BEST			
2	Nathaniel Wilson	E151	5	Columbiaville Elementary
\$600 Bond	Equal It Out			
3	Nicholas Holmes	E119	5	Homeschool
\$500 Bond	Windy City			
4	Leila Almounajed	E162	5	Genesee Academy
\$250 Bond	Veggie Voltage			
4	Saad Amin	E166	5	Genesee Academy
\$250 Bond	which insulating material is best for insulating houses			
4	Logan Glasstetter	E157	4	Central Elementary - Davison
\$250 Bond	How Sound is Effected by Characteristics of a Room			
4	Victoria Karakuc	E137	4	Holly Academy
\$250 Bond	The Power Of Music- What kind of Impact does Music have on your Vital Signs?			
4	Taylor Kosiara	E132	5	Hahn Intermediate
\$250 Bond	Reaction Ready?			

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FLINT AREA SCIENCE FAIR PRESS RELEASE
ELEMENTARY DIVISION FINALISTS

3/7/2010

PLACE	NAME	PROJECT	GRADE	SCHOOL
4	Samantha Miller	E134	5	Holly Academy
\$250 Bond	Save some vitamin c			
4	Allison Prahin	E159	4	Holly Academy
\$250 Bond	Lubricants effect on friction			
4	Morgan Swett	E163	4	Oaktree Elementary
\$250 Bond	Water Dam			
4	Daniel Viger	E167	5	Columbiaville Elementary
\$250 Bond	Wrap It Up			
5	Suhayb Abdulhay	E113	5	Brendel Elementary
\$100 Bond	Remover Squad			
5	Ranya Ahmed	E135	5	Genesee Academy
\$100 Bond	The effect of Bleach on plant growth.			
5	Yasser Almansour	E105	5	Genesee Academy
\$100 Bond	Fueling the Future			
5	Gillian Anschutz	E155	5	Hahn Intermediate
\$100 Bond	How do Wire Lengths on a Hand Made Electricity Generator Effect a Light Bulb			

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ELEMENTARY DIVISION FINALISTS

3/7/2010

PLACE	NAME	PROJECT	GRADE	SCHOOL
5	Nick Bader	E130	4	Columbiaville Elementary
\$100 Bond	Plant Growth Using a Bone Stimulator			
5	Nicholas Bagadinski	E116	4	Columbiaville Elementary
\$100 Bond	Tornadoes: Clockwise or Counterclockwise?			
5	Lexie Craig	E154	4	Columbiaville Elementary
\$100 Bond	Golf 101			
5	Izza Ghani	E131	5	Genesee Academy
\$100 Bond	Quality of Water			
5	Cody Giuliani	E138	4	Columbiaville Elementary
\$100 Bond	The Wandering Wax Worms			
5	Lauren Maly	E150	4	Holly Academy
\$100 Bond	Electromagic			
5	Sammy Saeed	E168	5	Genesee Academy
\$100 Bond	memory recall capacity			
5	Bilal Tarar	E136	5	Genesee Academy
\$100 Bond	THE EFFECTS OF HOMEMADE YOGURT ON HARMFUL BACTERIA			

