

# *2007 Flint Area Science Fair*

FOR RELEASE March 18, 2007 AFTER 5:00 PM ONLY

Contact: Tom Cerny, VP FASF Board [tomcerny1@aol.com](mailto:tomcerny1@aol.com) or 810 695-6655 or cell 810 252-6943.

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

## **51st Annual Flint Area Science Fair--Winners All**

The Board of Directors of the 51st Annual, Flint Area Science Fair (FASF), takes pride in announcing those students whose Science Fair projects won a FINALIST rating at this year's Fair. The Flint Area Fair is open to all students in grades 4 through 12 from Genesee, Shiawassee, Lapeer and Tuscola counties, and also welcomes students from other communities that are not served by a regional science fair.

"Judges, teachers, sponsors, parents, and the Science Fair Board members are always impressed and entertained with the talent, energy and enthusiasm of the young people who participate in the Fair", said John Wambaugh, Fair Director and Board Chairman.

Finalists listed were among 346 students who participated in the Elementary, Junior, or Senior Divisions at the FASF, which was held at Kettering University March 16-18. These winners were awarded certificates, prizes, merchandise, bonds and scholarships valued at approximately \$25,000. All participants in the FASF received some type of prize, according to Director Wambaugh, because "Everyone who tries IS a winner." In addition to FASF prizes and awards, nearly 150 Special Awards were presented by various professional societies, agencies and organizations to students who met their selection criteria.

Two winners in the Senior Division and two-9th or 10th grade observers will receive an all expense paid trip to compete in the INTEL International Science And Engineering Fair in Albuquerque. Ten projects from the Senior Division have been chosen to participate in the 13th Annual, Michigan State Science Fair, held March 31 at Kettering University here in Flint.

20 winners from the Elementary and Junior Divisions have been nominated for the Discovery Channel Young Scientist Challenge in Washington, DC.

The Flint Area Science Fair Board wishes to thank the Fair sponsors-- individuals and organizations, for their commitment to the community, to youth and to the importance of science and technology. Without their support the fair would not be possible.

The Board also wishes to thank our many contributors for their generous support, and to 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 make this Fair one of the best in the nation", said Wambaugh.

Students, parents and teachers who would like to learn more about the science fair and the resources that are available to help students get started can visit [www.flintsciencefair.org](http://www.flintsciencefair.org).

**Flint Area Science Fair Board**

President and Fair Director  
JOHN WAMBAUGH, Delphi

Vice President  
TOM CERNY, Retired, Kettering University

Senior Division Co-Director &  
International Fair Coordinator  
MIKE AUBIN, Retired, Genesee County Water

Junior Division Co-Director  
QAZI AZHER, M.D., Assoc. Director  
Dept. of Pathology, Hurley Medical Center

Elementary Division Co-Director  
GARY PETERSON, Retired Lapeer Schools

K-12 Math/Science Liaison  
WILLIAM WELCH, Ph.D., Science Coordinator  
Genesee Intermediate School District

Flint School Liaison  
SHAMARION GREEN

Scientific Review Committee  
QAZI AZHER, M.D., Chair  
MICHAEL CROSS, D.V.M  
WILLIAM WELCH, Ph.D.

Head Of Judging  
EARNEST POUNCY, Retired,  
Flint Community Schools

Judging Criteria Coordinator  
PHIL HAYCOCK, Sales Engineer,  
R.O. Whitesell and Associates

Secretary & Special Awards Coordinator  
LINDA M. VINCIL, Brandon Cabinets, Inc

Grant / Scholarship Chairperson  
RENEE' BEETHEM, CHMM,  
Compliance Resources and Technologies, Inc.

Prize Committee Coordinator  
ISAIAH YOUNG JR., Al Serra

Treasurer  
DAVID HILL, Hill Funeral Home, Retired

Web Site Manager  
MIKE MOSHER, Kettering University

## **2007 Flint Area Science Fair 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
- A Plus Graphics
- Arthur G. Bishop Charitable Trust
- Charles Stewart Mott Foundation
- Community Foundation of Greater Flint
- Cross Veterinary Clinic
- CRTI
- ELGA Credit Union
- Flint Area School Employees Credit Union
- Genesee Area Math Science Center –GISD
- Genesee Regional Chamber of Commerce
- Hurley Medical Center
- James A. Welch Foundation
- Kettering University
- Kroger Food and Pharmacy
- Lapeer Community Foundation
- Meijer Stores
- Oxford Bank
- ORBRO Solutions
- Stella & Frederick Loeb Charitable Trust
- TGI Direct
- United Automobile Workers
- University of Michigan – Flint
- Waste Management

## **2007 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
- Compliance Resources Technology, Inc. B. Newcomb Memorial Award
- Compliance Resources Technology, Inc. J. Collins Memorial Award
- Cross Veterinary Clinic

- David C. & Doris Hill Chemistry Award
- Discovery Young Science Challenge
- Dr.'s Katato Environmental Award
- Eastern Michigan ASHRAE
- Fisher Scientific
- Flint River Watershed Coalition
- Flint, City of
- Genesee County Farm Bureau
- Genesee County Medical Society
- Genesys Regional Health Center
- Herbert Hoover Presidential Library Association
- Hurley Medical Center
- Intel Computer Award
- Kavita Chheda Memorial Award
- Kenton Nieman Memorial Award
- Kettering University
- Longway Planetarium / Sloan Museum
- McLaren Health Care Corporation
- Meijer's
- MESTA
- Michigan Society of Professional Engineers
- Mid Michigan Ambulatory Physicians
- MU Alpha Theta
- National Association for Biology Teachers
- National Oceanographic Atmospheric Association
- National Society of Professional Engineers
- National Youth Leadership Forum on Medicine
- Ricoh Sustainable Award
- Scientific American
- Society for IN Vitro Biology
- SPIE International Society of Optical Engineering
- State of Michigan / Governors Office
- Stockholm Jr. Water Fed.
- U. S. Army
- U.S. Air Force
- U.S. Department of Health
- U.S. Metric Association
- U.S. Navy / Marine Corp
- Yale Science & Engineering

2007

FLINT AREA SCIENCE FAIR PRESS  
RELEASE  
SENIOR DIVISION FINALISTS

3/22/2007

PLACE	NAME	PROJECT	GRADE	SCHOOL
1 <sup>st</sup> Place ISEF Participant \$2000 Scholarship	Nicholas Ekladyous	S813	11	Cranbrook
	Yielding to Pedestrians			
2nd Place ISEF Participant \$1500 Scholarship	Cody Campbell	S801	10	Imlay City High
	Got Gas? Hydrogen Production from Sucrose using Microbes			
3rd Place ISEF Observer \$1000 Scholarship	Joshua Christy	S802	9	Luke M. Powers
	Reusing Restaurant Oils and Human Health			
3rd Place ISEF Observer \$1000 Scholarship	Ayse Buke Hiziroglu	S810	9	Carman Ainsworth
	Semi-Conductor vs. Crystalline Technology for Solar Cells			
4th Place \$600 Bond	Christina Baker	S808	11	Ogemaw Hills
	Wash Your Hands!			
4th Place ISEF Alternate \$600 Bond	Noah Gagnon	S811	9	Homeschool
	The Forces of Rocketry			
4th Place \$600 Bond	Nichole Josey	S807	9	Luke M. Powers
	Serotin, Dopamin and Norepinephrine; The (Scents) of Brain			

4th Place	Sameem Qazi			
		S814	12	Carman Ainsworth
\$600 Bond	Reflecting the Way Reflectors Reflect			
PLACE	NAME	PROJECT	GRADE	SCHOOL
5th Place	Alaa Abouabdalla			
		S809	10	Carman Ainsworth
\$400 Bond	Laser Taster			
5th Place	Fatima Abouabdalla			
		S803	9	Carman-Ainsworth
\$400 Bond	Back Of the Bacteria			
5th Place	Arjun Mahanti			
		S806	9	Okemos High
\$400 Bond	No Carb? Or Low-Carb? What fruits, vegetables, and food products			
5th Place	Brianna Mahler			
		S805	11	Ogemaw Hills
\$400 Bond	How Does Birth Order Affect Our Daily Behavior and Emotions?			

**Junior Division**

2007

FLINT AREA SCIENCE FAIR PRESS  
RELEASE  
JUNIOR DIVISION LIFE SCIENCE  
FINALISTS

3/22/2007

PLACE	NAME	PROJECT	GRADE	SCHOOL
Grand Award Life	Michael Settle	J505	8	Everest Academy
\$1250 Scholarship	The Illusion That is Our Consciousness			
2nd Place Life	Galal Galal	J488	7	Genesee Academy
\$500 Bond	Ouch! I Broke a Bone! Was it the Pop?			
2nd Place Life	Mariam Salman	J485	8	Genesee Academy
\$500 Bond	Microwave Effect on Plants			
2nd Place Life	Mujtaba Syed	J466	8	Genesee Academy
\$500 Bond	Germs Working Overtime			
3rd Place Life	Omeed Hekmati	J438	6	Carman Ainsworth
\$300 Bond	Is There a Toilet on Your Can?			
3rd Place Life	Christina O'Neil	J465	6	Everest Academy
\$300 Bond	Don't Touch That, It Has Germs			
4th Place Life	Eric Daly	J451	8	Davison Middle

\$200 Bond

Can Visual Stimulation Falsely Influence People to Disregard

---

4th Place  
Life

Kaleem Qazi

J496

8

Genesee Academy

\$200 Bond

Sense of E. Coli Sensitivity to Antibiotics

2007

FLINT AREA SCIENCE FAIR PRESS  
RELEASE  
JUNIOR DIVISION LIFE SCIENCE  
FINALISTS

3/22/2007

PLACE

NAME

PROJECT

GRADE

SCHOOL

---

5th Place  
Life

Abdelmajid Jondy

J517

7

Genesee Academy

\$150 Bond

What Vitamin Helps Plants Grow

---

5th Place  
Life

Jenna Mitchell

J520

8

Holly Academy

\$150 Bond

Which Increases Your Heart Rate Faster?

---

5th Place  
Life

Abdul Mohammed

J503

6

Genesee Academy

\$150 Bond

The Best Preservative for a Rose!

---

5th Place  
Life

Adina Peterson

J489

6

St. John Vianney

\$150 Bond

Plants and Fertilizer

2007

FLINT AREA SCIENCE FAIR PRESS  
RELEASE  
JUNIOR DIVISION EARTH SCIENCE  
FINALISTS

3/22/2007

PLACE

NAME

PROJECT

GRADE

SCHOOL

---

1st Place Earth	Joanne Christy	J412	8	St. Pius X Catholic
\$750 Scholarship	Global Warming: Fact, Fantasy or Risky Ignorance			
2nd Place Earth	Mishaal Khan	J402	7	Genesee Academy
\$500 Bond	A Clean World is a Happy World			
3rd Place Earth	Jeremy Bailey	J406	7	Valley Christian
\$300 Bond	Biogas Generator			
3rd Place Earth	Nicholas Lemp	J404	8	Homeschool
\$300 Bond	Analysis of Organic Foods Are They Worth the Money?			
3rd Place Earth	Michael Sewell	J409	8	Everest Academy
\$300 Bond	Does Water Have Memory?			
4th Place Earth	Nabeal Al-Jabban	J417	6	Genesee Academy
\$200 Bond	How Oil Spoils Your Soil			
4th Place Earth	Tesneem Alkiek	J419	8	Genesee Academy
\$200 Bond	Light Me Up			
4th Place Earth	Zena Khorfan	J405	8	Genesee Academy
\$200 Bond	Bad Air Day			

2007

FLINT AREA SCIENCE FAIR PRESS  
RELEASE  
JUNIOR DIVISION EARTH SCIENCE  
FINALISTS

3/22/2007

PLACE	NAME	PROJECT	GRADE	SCHOOL
4th Place Earth	Kendall Pridemore	J429	7	Meachum Junior
\$200 Bond	The Mystery of Homemade Stalactites			
5th Place Earth	Fabian Haywood	J413	7	Linden Charter
\$150 Bond	Greenhouse Gases			
5th Place Earth	Rusty Reichenbach	J431	6	Everest Academy
\$150 Bond	To Heat or Not to Heat			
5th Place Earth	Kellen Saxton	J403	6	St. John Vianney
\$150 Bond	Acid Rain vs. Seed Germination			

2007

FLINT AREA SCIENCE FAIR PRESS  
RELEASE  
JUNIOR DIVISION PHYSICAL  
SCIENCE FINALISTS

3/22/2007

PLACE	NAME	PROJECT	GRADE	SCHOOL
1st Place Physical	Matthew Rose	J546	8	Davison Middle
\$750 Scholarship	Fossil Fuel Freedom - Is the Answer in the Wind?			
2nd Place Physical	Matthew Bauerle	J559	7	Homeschool

\$500 Bond	Measuring the Speed of Sound in Helium and Carbon Dioxide			
2nd Place Physical	Saara Mohammed	J575	7	Genesee Academy
\$500 Bond	The Glaring Truth			
3rd Place Physical	Carla Kaspar	J566	8	Davison Middle
\$300 Bond	Power-Generating Street Light Pole			
4th Place Physical	Henry Flowers	J579	6	Freeman
\$200 Bond	Using Sun Light to Power a Ceiling Fan			
4th Place Physical	Bilal Hai	J574	8	Genesee Academy
\$200 Bond	The Effect of Spring Resistance on Turning Speed			
4th Place Physical	Laith Hasan	J555	7	Genesee Academy
\$200 Bond	Its So Cold			
4th Place Physical	Shalisha Hearn	J529	6	Doyle-Ryder
\$200 Bond	Boiling Point			
5th Place Physical	Ahmed Abdulhay	J571	7	Genesee Academy
\$150 Bond	Stop Me If you Can!!			
5th Place Physical	Katie Conigliaro	J538	8	Davison Middle

\$150 Bond	Do You Really Earn the Grade?			
5th Place Physical	Courtney Kidder	J550	8	Davison Middle
\$150 Bond	Heat Loss			
5th Place Physical	Quayvon Richardson	J563	6	Doyle-Ryder
\$150 Bond	No Friction			
5th Place Physical	Alex Sieja	J569	8	Holly Academy
\$150 Bond	Six Sigma Design of Paper Helicopter			

### Group Division

2007

FLINT AREA SCIENCE FAIR PRESS  
RELEASE  
GROUP FINALISTS ELEMENTARY

3/22/2007

	NAME	PROJECT	GRADE	SCHOOL
E - 1st Place	Garrett Altenberger	G902	5	St. Joseph School
\$200 Bond ea	Caffeine Conclusion			
E - 1st Place	Gabriel Wrobel	G902a	5	St. Joseph School
\$200 Bond ea	Caffeine Conclusion			
E - 2nd Place	Salma Almidani	G909	5	Genesee Academy

\$150 Bond ea	Subliminal Effect		
E - 2nd Place	Mena Salman	G909a	5 Genesee Academy
\$150 Bond ea	Subliminal Effect		
E - 3rd Place	Billal Hammoud	G913	5 Genesee Academy
\$100 Bond ea	FEEL YOUR HEART		
E - 3rd Place	Abdulmalik Saleem	G913a	5 Genesee Academy
\$100 Bond ea	FEEL YOUR HEART		
2007	<u>FLINT AREA SCIENCE FAIR PRESS</u>		3/22/2007
	<u>RELEASE</u>		
	<u>GROUP FINALISTS JUNIOR</u>		
	NAME	PROJECT	GRADE SCHOOL
J - 1st Place	John Auxier	G903	7 Homeschool
\$200 Bond ea	Effect of Weight, Length, and Amplitude on Pendulum Swing Time		
J - 1st Place	Nathan Auxier	G903a	5 Homeschool
\$200 Bond ea	Effect of Weight, Length, and Starting Position on Pendulum Swing		
J - 1st Place	Laura Contro	G912	8 Everest Academy
\$200 Bond ea	Does Bacteria Increase if the Water Bottles Are Properly Washed?		
J - 1st Place	Flovenca Lira	G912a	8 Everest Academy

\$200 Bond ea

Does Bacteria Increase if the Water Bottles Are Properly Washed?

**Elementary Division**

2007

FLINT AREA SCIENCE FAIR PRESS  
RELEASE  
ELEMENTARY DIVISION FINALISTS

3/22/2007

<u>PLACE</u>	<u>NAME</u>	<u>PROJECT</u>	<u>GRADE</u>	<u>SCHOOL</u>
1st Place	Dylan Lemp	E156	5	Homeschool
\$500 Bond	Energy Drinks the Big Craze, or Are We Crazy for Drinking Them?			
2nd Place	Kade Katrak	E118	5	Holly Academy
\$400 Bond	Levee Design: Can Matching the Wave, Catch the Wave?			
2nd Place	Seema Sabbagh	E101	4	Genesee Academy
\$400 Bond	A Big Warning About Global Warming!!			
3rd Place	Jessica Caruso	E221	4	Everest Academy
\$250 Bond	Power & Speed			
3rd Place	Callahan Katrak	E152	5	Holly Academy
\$250 Bond	Does Reading Have to Make Me More Nearsighted?			
3rd Place	Ravin Palma	E130	5	Buffey Elementary
\$250 Bond	The Great Evaporation Race			

4th Place	Abdulmajeed Almounajed	E170	5	Genesee Academy
\$200 Bond	See It or Hear It			
4th Place	Hamael Changezi	E192	5	Genesee Academy
\$200 Bond	Angles and Bands: Influence on Range.			
4th Place	Shane Heddy	E238	4	Central Elementary
\$200 Bond	Visualizing Sound			
4th Place	Mitchell Macarthur	E235	5	Buffey Elementary
\$200 Bond	Truss vs. Suspension			
4th Place	Rehma Maroof	E133	5	Genesee Academy
\$200 Bond	Water Justice - Because Water Needs a Good Lawyer			
4th Place	Allison Phillips	E174	4	Central Elementary
\$200 Bond	The Effects of Nitrogen on Plant Growth			
4th Place	Aamna Sajid	E147	5	Genesee Academy
\$200 Bond	Different Resting Pulse Rates in Boys and Girls			
4th Place	Scott Sinischo	E256	5	Oaktree Elementary
\$200 Bond	Barriers Against Wind Erosion			

5th Place	Deena Ahmed	E166	5	Genesee Academy
\$100 Bond	I Can Hear Without Ears			
5th Place	Reem Ahmed	E172	4	Genesee Academy
\$100 Bond	That LOOKS Yummy!			
5th Place	Braddock Baalerud	E210	4	Bishop Kelley
\$100 Bond	How Do Airplane Propellers Work?			
5th Place	Ashley Clark	E135	5	Buffey Elementary
\$100 Bond	When Will They Vanish?			
5th Place	Hannah Davis	E129	5	Buffey Elementary
\$100 Bond	The Effect of Laundry Rinse Water on Growing Beans			
5th Place	Elizabeth Latzy	E122	5	Buffey Elementary
\$100 Bond	Ripple Waves			
5th Place	Tyler Locke	E218	5	Buffey Elementary
\$100 Bond	Parachute Rockets			
5th Place	Gage Melancon	E213	5	Buffey Elementary
\$100 Bond	Laser Sonic Sound Waves			

5th Place	Victoria Perez	E116	4	Dye Elementary
\$100 Bond	Insulating With Recyclables			
5th Place	Rhiannon Smith	E148	5	Oaktree Elementary
\$100 Bond	DNA (Deoxyribonucleic Acid)			
5th Place	Manon Steel	E171	4	Holly Academy
\$100 Bond	Sip All Day, Get Tooth Decay			
5th Place	Monica Toohey	E219	4	Everest Academy
\$100 Bond	Penny Powered L.E.D. (Light Emitting Diode)			
5th Place	Nicholas Zemore	E159	5	Carman Park
\$100 Bond	Germination of Grass Seeds			
6th Place	Britney Bray	E110	5	Buffey Elementary
\$75 Bond	Don't Rain On My Parade			
6th Place	Samuel Cardinal	E244	4	Carman Park
\$75 Bond	Which Fruit or Vegetable Produces the Most Voltage?			
6th Place	Evelyn Gagnon	E115	4	Homeschool
\$75 Bond	Hard Water vs. Soft Water - A Fight for Clean Clothes			

6th Place	Mary Grace Schmid	E189	4	Everest Academy
\$75 Bond	A Watched Pot Never Boils			
<hr/>				
6th Place	Yazeed Shamieh	E237	5	Genesee Academy
\$75 Bond	Two Way Traffic			
<hr/>				
6th Place	Jenna Stith	E201	5	Freeman
\$75 Bond	Does the Temperature of a Rubber Ball Affect How High It Will			
<hr/>				
6th Place	Harrison Watson	E216	4	Doyle-Ryder
\$75 Bond	On Your Mark, Get Set, Go!			
<hr/>				