

# *Flint Area Science Fair*

FOR RELEASE March 22, 2009 AFTER 5:00 PM ONLY

Contact: Tom Cerny, VP FASF Board 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.

## **53rd Annual Flint Area Science Fair--Winners All. The future is bright!**

The Board of Directors of the 53rd 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 thorough 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. "Seeing the Science Fair projects and talking with the students affirms one faith in the future."

Finalists listed were among 331 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 \$28,000. 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. Ten projects from the Senior Division have been chosen to participate in the 13th Annual, Michigan State Science Fair, held April 4 at Kettering University in Flint.

20 winners from the Elementary and Junior Divisions have been nominated for the Discovery 3M Young Scientist Challenge in New York City.

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.

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).

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## **Flint Area Science Fair 2009 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
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- Community Foundation of Greater Flint
- Distinctive Recognition Co.
- Flint Area School Employees Credit Union
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- 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

- Genesee County Farm Bureau
- Genesee County Medical Society
- Genesys Nurses Professional Development Committee
- Genesys Regional Health Center
- Hurley Medical Center
- Intel Computer Award
- Kenton Nieman Memorial Award
- Kettering University
- Mc Laren Health Care Corporation
- Michigan Society of Professional Engineers
- Mid Michigan Ambulatory Physicians
- MU Alpha Theta
- National Oceanographic Atmospheric Association
- National Society of Professional Engineers
- Ricoh Sustainable Award
- Scientific American
- Scientific Public Service Award
- Sloan Museum/Longway Planetarium
- Society for IN Vitro Biology
- State of Michigan / Governors Office
- Stockholm Junior Water Project
- U. S. Army
- U.S. Air Force
- U.S. Department of Health
- U.S. Metric Association
- U.S. Navy / Marine Corp
- Yale Science & Engineering

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

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2009	<u>FLINT AREA SCIENCE FAIR PRESS RELEASE</u>				3/23/2009
<u>SENIOR DIVISION FINALISTS</u>					
PLACE	NAME	PROJECT	GRADE	SCHOOL	
1	Alexandru Rablau	S833	11	Grand Blanc High School	
ISEF Participant \$2000 Scholarship      Light Modulation for Optical Communications					
2	Noah Gagnon	S829	11	Homeschool	
ISEF Participant \$1500 Scholarship      Catching SunBEAMs: Examining the Efficiency of Self-Aligning Solar Panels					
3	Joshua Christy	S802	11	Luke M. Powers Catholic High School	

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\$1000 Scholarship	Biodegradable Nanoparticle: Drug Delivery System for Cancer			
4	Matthew Bauerle	S837	9	Bauerle Homeschool
ISEF Observer \$800 Bond	Using PSpice to predict the efficiency of a Cuk converter			
4	Cody Campbell	S803	12	Imlay City High School
\$800 Bond	Blow Your Stack!			
4	Joanne Christy	S820	10	Luke M. Powers Catholic High School
\$800 Bond	Natural Cure for Breast Cancer			
4	Lois Gagnon	S801	9	Homeschool
ISEF Observer \$800 Bond	A Yeast-Powered Fuel Cell with Methylene Blue as a Mediator			
4	Ayse Buke Hiziroglu	S836	11	Carman Ainsworth High School
\$800 Bond	Thermal Effect on the Electrical Breakdown of Rape-Seed Oil			



2009

FLINT AREA SCIENCE FAIR PRESS RELEASE

3/23/2009

Category: Earth / Chemistry

JUNIOR DIVISION FINALISTSEARTH/CHEMISTRY

PLACE	NAME	PROJECT	GRADE	SCHOOL
1 - Grand Earth / Chemistry	Bilal Muhammad Ali	J495	7	Genesee Academy
\$1000 Scholarship	Radiation-Does the Plants Good?			
2 Earth / Chemistry	Dorian Bilbrey	J431	6	Holly Academy
\$500 Bond	Solar Powered Car vs. Battery Powered Car			
2 Earth / Chemistry	Andrew Celini	J432	6	St. John the Evangelist - Fenton
\$500 Bond	Solar Powered House			
3 Earth / Chemistry	Noor Abdulhay	J427	7	Genesee Academy
\$400 Bond	On Your Marks..Get Set...Remove??			
3 Earth / Chemistry	Sofia Ahsan	J418	6	Genesee Academy
\$400 Bond	Free Electricity for Homes			
3 Earth / Chemistry	Chandler Anschutz	J417	8	Davison Middle School
\$400 Bond	feasibility of a home made solar collector to heat a pool			
3 Earth / Chemistry	Samantha Baalerud	J404	8	Bishop Kelley Catholic School
\$400 Bond	Bioplastic; Can We Make Our Earth Happy?			
4 Earth / Chemistry	Jessica Caruso	J439	6	Everest Academy
\$300 Bond	Waste To Go			

2009

FLINT AREA SCIENCE FAIR PRESS RELEASE

3/23/2009

Category: Earth / Chemistry

JUNIOR DIVISION FINALISTS  
EARTH/CHEMISTRY

PLACE	NAME	PROJECT	GRADE	SCHOOL
4 Earth / Chemistry	Kelleen Mulkey	J419	8	Davison Middle School
\$300 Bond	Get It Off			
4 Earth / Chemistry	Amber Wise	J413	8	Davison Middle School
\$300 Bond	Effects Water Has On Wood			
5 Earth / Chemistry	Jonathan Fay	J441	7	St. John the Evangelist - Fenton
\$200 Bond	What's your Slicker-Picker Upper?			
5 Earth / Chemistry	Elizabeth Lekarczyk	J448	8	St. John the Evangelist - Fenton
\$200 Bond	Windmills: America's Free Energy Future			

2009  
Category: Life

FLINT AREA SCIENCE FAIR PRESS RELEASE  
JUNIOR DIVISION FINALISTS –  
LIFE SCIENCE

3/23/2009

PLACE	NAME	PROJECT	GRADE	SCHOOL
1 Life	Adam Alamah	J503	6	Genesee Academy
\$500 Scholarship	The best antibiotic to Treat Strep Throat			
2 Life	Dylan Brewer	J478	6	Armstrong Middle School
\$500 Bond	Got Bacteria?			
2 Life	Rehma Maroof	J510	7	Genesee Academy
\$500 Bond	Too Much to Lose			
3 Life	Braddock Baalerud	J528	6	Bishop Kelley Catholic School
\$400 Bond	YUCK! Is There Something Growing In Your Mouth?			
3 Life	Geoffrey Kocks	J515	7	Grand Blanc Middle School East
\$400 Bond	What Household Items That We Touch Every Day Are the Dirtiest?			
4 Life	Abdulmajeed Almounajed	J463	7	Genesee Academy
\$300 Bond	CO2 Ready Set Go			
4 Life	Hannah Campbell	J481	8	Imlay City Middle School
\$300 Bond	Hydration Fixation			
4 Life	Omeed Hekmati	J450	8	Carman Ainsworth Middle School
\$300 Bond	Animal Food Recipe = Fall leaves + Waste Paper + Soil Microorganisms			

2009  
Category: Life

FLINT AREA SCIENCE FAIR PRESS RELEASE  
JUNIOR DIVISION FINALISTS –  
LIFE SCIENCE

3/23/2009

PLACE	NAME	PROJECT	GRADE	SCHOOL
4 Life	Raneem Shukairy	J473	7	Genesee Academy
\$300 Bond	Don't Call Or You'll Forget it All			
5 Life	Jessica Arrington	J516	7	St. John Vianney Catholic School
\$200 Bond	What is the Effect of Hydroponics on the Root Growth of Plant Shoots?			
5 Life	Billal Hammoud	J492	7	Genesee Academy
\$200 Bond	OXIRUN			

2009  
Category: Physical

FLINT AREA SCIENCE FAIR PRESS RELEASE  
JUNIOR DIVISION FINALISTS –  
PHYSICAL SCIENCE

3/23/2009

PLACE	NAME	PROJECT	GRADE	SCHOOL
1 Physical	Mena Salman	J593	7	Genesee Academy
\$500 Scholarship	How exhausted is our earth?			
2 Physical	Hamael Changezi	J535	7	Genesee Academy
\$500 Bond	Are We Slowly Poisoning Ourselves?			
3 Physical	Gabriela Guerra	J534	7	St. John Vianney Catholic School
\$400 Bond	Are Fingerprint Patterns Inherited?			
3 Physical	Ben Meinburg	J557	8	Davison Middle School
\$400 Bond	Insulating Properties of Materials			
4 Physical	Zachary Fulcher	J545	8	Mt. Morris Junior High School
\$300 Bond	Does position of weight matter?			
4 Physical	Andrew Lekarczyk	J559	6	St. John the Evangelist - Fenton
\$300 Bond	Magnetism: Helping us live our modern lives			
4 Physical	Abdulmalik Saleem	J433	7	Genesee Academy
\$300 Bond	solarific			
4 Physical	Michael Thompson	J531	8	Holly Academy
\$300 Bond	A Shocking Experience			

2009  
Category: Physical

FLINT AREA SCIENCE FAIR PRESS RELEASE  
JUNIOR DIVISION FINALISTS –  
PHYSICAL SCIENCE

3/23/2009

PLACE	NAME	PROJECT	GRADE	SCHOOL
5 Physical	Nathan Auxier	J438	7	Homeschool
\$200 Bond	To determine how much power a pinwheel generates at different orientations to a wind source.			
5 Physical	Evelyn Gagnon	J539	6	Homeschool
\$200 Bond	Can I Fly? A Birthday Candle Powered Hot Air Balloon			
5 Physical	Saad Hasan	J563	7	Genesee Academy
\$200 Bond	Rate of Reactions			
5 Physical	Thomas Pilarski	J552	7	St. John the Evangelist - Fenton
\$200 Bond	Hot Bouncings			

2009

FLINT AREA SCIENCE FAIR PRESS RELEASE  
ELEMENTARY DIVISION FINALISTS

3/23/2009

PLACE	NAME	PROJECT	GRADE	SCHOOL
1	Hailey Campbell	E174	4	Borland Elementary
\$500 Bond	Pop-Pop Races			
2	Deema Bakleh	E123	5	Genesee Academy
\$300 Bond	To Spill or Not to Spill			
3	Yussif Abuharaz	E113	5	Genesee Academy

\$200 Bond      go green with aluminum battery power

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3      Gillian Anschutz      E182      4      Central Elementary - Davison

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\$200 Bond      Weight Bearing Capacity of Three Types of Bridges

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3      Leila Boudalia      E138      5      Genesee Academy

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\$200 Bond      How much is enough

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3      Sahar Galal      E111      5      Genesee Academy

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\$200 Bond      Ethanol is sweet, you can drive cheap!

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3      Nathaniel Wilson      E115      4      Columbiaville Elementary

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\$200 Bond      Insulation for Conservation

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4      Leena Ahsan      E170      5      Genesee Academy

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\$150 Bond      If you hold the nose too high, you may fall

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2009

FLINT AREA SCIENCE FAIR PRESS RELEASE  
ELEMENTARY DIVISION FINALISTS

3/23/2009

PLACE	NAME	PROJECT	GRADE	SCHOOL
4	Katelyn Bryan	E214	5	Buffey Elementary
\$150 Bond	Sterilized of Soil With Bacteria			
4	Emily Cormier	E143	5	St. Joseph Catholic School
\$150 Bond	Plants and Light			
4	Danielle Crowder	E153	5	Dye Elementary
\$150 Bond	Which Fertilizer Works the Best for Bean Plant Growth?			
4	Brevin Dias	E213	5	Buffey Elementary
\$150 Bond	The Radical Growth of Radish Seeds			
4	Rosalie Gagnon	E132	4	Seton Home Study
\$150 Bond	Can Birds Predict the Weather?			
4	Belal Khouli	E137	5	Genesee Academy
\$150 Bond	Healing with taste			
4	Austin Kimbrell	E228	4	Dye Elementary
\$150 Bond	Are French Fries Our Buddies?			
4	Rachael Morales	E211	5	Buffey Elementary
\$150 Bond	Home-made Fertilizer vs. Commercial Fertilizer			

2009

FLINT AREA SCIENCE FAIR PRESS RELEASE  
ELEMENTARY DIVISION FINALISTS

3/23/2009

PLACE	NAME	PROJECT	GRADE	SCHOOL
4	Austin Renshaw	E212	5	Buffey Elementary
\$150 Bond	The Effect of Wind on Phototropism			
4	Matthew Wilson	E124	5	Columbiaville Elementary
\$150 Bond	Water The Perfect Fuel			
5	Maddison Holley	E102	5	Myers Elementary
\$100 Bond	Battery Blast			
5	Alexandra Karakuc	E131	4	Holly Academy
\$100 Bond	bacteria-which liquid hand soap is most effective at killing and preventing bacteria growth			
5	Allen McCarthy	E165	5	Woodland Park Academy
\$100 Bond	Gears			
5	Faizan Mohammed	E164	5	Genesee Academy
\$100 Bond	Gas and Go			
5	Shelby Palmer	E217	5	Buffey Elementary
\$100 Bond	Dogs or Humans? Which Has More Mouth Bacteria?			
5	Alison Price	E144	5	Freeman Elementary
\$100 Bond	Pooch Smooth			

2009

FLINT AREA SCIENCE FAIR PRESS RELEASE  
ELEMENTARY DIVISION FINALISTS

3/23/2009

PLACE	NAME	PROJECT	GRADE	SCHOOL
5	Omer Saeed	E121	5	Genesee Academy
\$100 Bond	The Home Protective Pollution Detective			
5	Uthman Shukairy	E145	5	Genesee Academy
\$100 Bond	SYS and DIA vs. Violent Video Games			
5	Stanley Wood	E220	5	Eisenhower Elementary
\$100 Bond	You Nailed It			
6	Trent Hillger	E150	4	Holly Academy
\$50 Bond	What Makes a Plant Grow Better, Water or Sugary Drinks			
6	Austin Howart	E210	4	Barhitte Elementary
\$50 Bond	The Strength of an Electromagnet			
6	Taylor Tadziu Kosiara	E176	4	Central Elementary - Davison
\$50 Bond	Shattering Spaghetti			
6	Alexandria Renee Lichtenfelt	E157	4	Columbiaville Elementary
\$50 Bond	Coke & Mentos Nucleation Goes Nuclear			
6	MiKayla McAbee	E218	5	Eisenhower Elementary
\$50 Bond	Nice Fingerprints			

2009

FLINT AREA SCIENCE FAIR PRESS  
RELEASE  
ELEMENTARY DIVISION FINALISTS

3/23/2009

<u>PLACE</u>	<u>NAME</u>	<u>PROJECT</u>	<u>GRADE</u>	<u>SCHOOL</u>
6	Connor O'Brien	E128	4	Borland Elementary

\$50 Bond      Which \Wood\" You Use?"

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FLINT AREA SCIENCE FAIR PRESS  
RELEASE  
GROUP FINALISTS

3/23/2009

	<u>NAME</u>	<u>PROJECT</u>	<u>GRADE</u>	<u>SCHOOL</u>
	Michael Galvin	G902	8	St. Joseph Catholic School
\$100 Bond	How Wood it Burn			
	Tommy Moeller	G902	8	St. Joseph Catholic School
\$100 Bond	How Wood it Burn			
	Andrew Auxier	G903	4	Homeschool
\$100 Bond	Will Dominoes fall faster close together or farther apart			
	Gregory Auxier	G903	4	Homeschool
\$100 Bond	Will Dominoes fall faster close together or farther apart			
	Donovan Price	G906	8	Atherton High School
\$100 Bond	Touching Memories			
	Aaron Rowe	G906	8	Atherton High School
\$100 Bond	Touching Memories			

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Suhayb Abdulhay                      G907                      4                      Brendel Academy

\$100 Bond                      more friction more difriction

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Yasser Al-mansour                      G907                      4                      Genesee Academy

\$100 Bond                      more friction more difriction

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