

Saturday May 15th, 2010



Jamie Lynn Gallagher is pictured in front of the sign she made for Imagine RIT 2010 on May 1st

**Rochester Museum and Science Center
Strasenburgh Planetarium
657 East Avenue
Rochester, NY 14607**

**Finger Lakes Region District Coordinator
Spencerport Teacher
Anna Rivoli anna@ICideasNY.com**

**Sponsored by:
Rochester Intellectual Property - Law Association**

Welcome!



Lindsay Gallagher is pictured in front of her invention at Imagine RIT 2010 on May 1st

About Invention Convention:

Invention Convention is a statewide program that is offered to all students in grades K-8, from public and private schools, as well as those who are homeschooled. These students are from the Capital District, the **Rochester Finger Lakes Region**, the Southern Tier, and Western New York.

Goal of Invention Convention:

To stimulate the development of student creativity and imagination - building the next generation of American Inventors.

The program is designed to encourage community - wide partnerships. It provides students with an opportunity to develop creative thinking and problem solving skills.

We hope you enjoy this exhibit of their invention models. We encourage you to ask these inventors about their participation in the program.

Today, we are proud to honor these students who have participated in this year's **Rochester Finger Lakes Region Invention Convention!**

Agenda May 15th Participant's families have a free pass to explore RMSC

12:30 PM *Invention Convention Open to the Public*

1:00-2:30 *Judging of Inventions Inventors stay by their inventions to answer any questions from Judges and Public in half hour assigned intervals*

1:00—3:30 **Tim Cawley** *Demonstrations* announced through-out the day

3:00-3:30 *Winners of Sponsor gift certificates announced by*
Senator Joseph Robach

3:30 *Bausch Auditorium: Presentation of* **Certificates of Participation and State Recognition Medals**

4:30 *Inventors may leave; please do not forget to bring inventions home*

Judges:

Pat Billone *GCSD Teacher & a former Meteorologist*

Matt Carnevale *Photographer, Creative and Technical Content Writer*

Alex Johnson *RCSD Teacher*

Alla Levi *Central Library of Rochester and Monroe County*

Edel Maeder *GCSD Science Coordinator*

Katie McGuire *Woods, Oviatt & Gillman Patent Attorney*

Mark McLean *Channel 13 Meteorologist*

Ray Mulgrew *Xerox Corporation Engineer*

Steve Nash *Central Library of Rochester and Monroe County*

David Peterson *GCSD Principal*

Dr. Jake Noel-Storr *RIT Research Assistant Professor*

Calvin Uzelmeier *RMSC Educational Director*

Tim Walsh *Respiratory Therapist, RCSD Teacher*

Today's Presenters and Demonstrators:

Tim Cawley *RMSC Head of the Theater and Outreach Program*

Brandon May *RIT Student* **Imaging Project using iPad Technology**

Mark Pierson *New York State Invention Convention Coordinator*

→

Alan Reinagel *Inventor's Society of WNY Nonsensical Inventions Display*

Andy Willoughby *Chord Teacher Willoughby Harmonic Clock*

Today's Young Inventors had many predecessors!

1642: The mechanical adding machine was invented by a 19-year-old French boy named Blaise Pascal.

1648: Anton van Leeuwenhoek is best known for his work on the improvements of the microscope, at the age of 16.

1824: Louis Braille at age 15, developed an ingenious system of reading and writing for the blind by means of raised dots. It is still in use today.

1862: Thomas Alva Edison at age 15, published a weekly newspaper and developed his first important invention, a telegraphic repeating instrument.

1921: Philo Farnsworth at age 14, realized an electron beam could scan a picture in horizontal lines - a critical breakthrough towards the television.

1958: Robert Heft at age 17 and a high school junior, found himself in need of a class project. His proposed 50 star American Flag idea was turned down. He went ahead anyway, receiving a B minus. His teacher promised to deliver a better classroom grade if he could get the U.S. Congress to accept his flag.

1972: Rebecca Schroeder at age 10 became an inventor. Becky got a patent in 1974; "The Glo-Sheet" has been used by doctors so they can check a patient's notes in the dark. The US Navy and NASA have also used them.

2005: Taylor Hernandez at age 10, invented "Magic Sponge Blocks" - large building blocks made from sponge that can safely stack high without worry that they could fall and hurt a child.

<http://www.ideafinder.com/features/classact/young.htm>

"I've always been interested in what makes things work. I used to take things apart and put them back together... If you think you have a good idea, just go for it!"

Richie Stachowski age 15 - Amazing Young Toy Inventor

"If I have ever made any valuable discoveries, it has been owing more to patient attention, than to any other talent"

Isaac Newton - Physicist, Mathematician, Astronomer, Philosopher...

"Anyone who has never made a mistake has never tried anything new."

"A man should look for what is, and not for what he thinks should be."

"I have no special talent. I am only passionately curious."

"If you can't explain it simply, you don't understand it well enough."

"Imagination is more important than knowledge."

"Logic will get you from A to B. Imagination will take you everywhere."

"The important thing is not to stop questioning. Curiosity has its own reason for existing."

"We still do not know one thousandth of one percent of what nature has revealed to us."

Albert Einstein - The father of Modern Physics

"If the presence of electricity can be made visible in any part of the circuit, I see no reason why intelligence may not be transmitted instantaneously by electricity."

Samuel Morse - Inventor of Telegraph

"An essential aspect of creativity is not being afraid to fail."

Edwin Land - Inventor of Polaroid Instant Photography

"The real secret of success is enthusiasm."

Walter Chrysler - Automotive Pioneer

"Genius is one percent inspiration and ninety-nine percent perspiration."

"Heck!, there are no rules here - we're trying to accomplish something."

"If we did all the things we are capable of, we would literally astound ourselves."

"Our greatest weakness lies in giving up. The most certain way to succeed is always to try just one more time."

"To have a great idea, have a lot of them."

"I have not failed. I've just found 10,000 ways that won't work."

Thomas A. Edison - Inventor of Motion Picture Camera, Light Bulb...

The schools represented at this year's event are:

Brighton Central Schools (Twelve Corners Middle School, French Road)

Gates Central Schools (Gates/Chili Middle School)

Mother of Sorrows Parochial School (Greece)

Rochester City Schools (#22, #43, #44, and #46 Schools)

Spencerport Central Schools (Terry A. Taylor)

Webster Central Schools (State Road School)

List of Inventors:	Invention:	Judging Time:
1) Liam Bailey	The H2O Scrubber	1:00 - 1:30
2) Natalie/Ryan Choate	The Lego Picker Upper	1:00 - 1:30
3) Mitchell Cottom	Glow in Dark Fishing Pole	1:15 - 1:45
4) Ryan Cottom	Retractable Fishing Lure	1:15 - 1:45
5) Luke Dobles	Chill-n-Grill	1:15 - 1:45
6) Ishir Seth	Trav-Ez	1:45 - 2:15
7) Ravhav Devarakonda	Automatic Game Stopper	1:45 - 2:15

"No flying machine will ever fly from New York to Paris."

Orville Wright - Co-Inventor of the First Successful Airplane

"I confess that in 1901 I said to my brother Orville that man would not fly for fifty years."

Wilbur Wright - Co-Inventor of the First Successful Airplane

"Almost all really new ideas have a certain aspect of foolishness when they are first produced."

Alfred North Whitehead - Mathematician/Philosopher

List of Inventors:	Invention:	Judging Time:
8) Lindsay Gallagher	Car Parking Technologies	1:00 - 1:30
9) Taylor Goodman	Color Two-in-One	1:00 - 1:30
10) Brian McMahon	The Reflector Feeder	1:00 - 1:30
11) Charles McMahon	The Baby Shower	1:00 - 1:30
12) Michael Passaniti	The Cold Caddy	1:15 - 1:45
13) Olivia Rodriguez	Remote Holder	1:15 - 1:45
14) Megan Martinescu	Perfect Eraser Pencil	1:45 - 2:15
15) Jacob Johnson	Automatic Salt Dispenser	1:45 - 2:15

"Learning never exhausts the mind."

Leonardo da Vinci - The Great Scientist

"The fact that the great scientist believed in flying machines was the one thing that encouraged us to begin our studies."

Wilbur Wright - Co-Inventor of the First Successful Airplane

"An investment in knowledge pays the best interest."

Benjamin Franklin - one of the Founding Fathers of the United States

List of Inventors:	Invention:	Judging Time:
16) Alex Sutton	R. Control Pooper Scooper	1:00 - 1:30
17) Joe Vickery	Solar Power Locomotive	1:00 - 1:30
18) Kyle Spaulding	Sound Sensitive Snowman	1:00 - 1:30
19) Carlee Ellis	Shoebox Basketball Shoes	1:15 - 1:45
20) Shantja Flint	Baby Doll Mansion	1:15 - 1:30
21) Asialyan Gordan	Asia's Candy Land	1:45 - 2:15
22) Curtis June Jr.	Pretender	1:45 - 2:15
23) Jeff Hay	Rip Board	1:45 - 2:15

"I think an education is not only important, it is the most important thing you can do with your life."

Dean Kamen - Inventor of The Insulin Pump & The Segway

"Data is a precious thing and will last longer than the systems themselves."

Tim Berners-Lee - MIT professor credited with inventing World Wide Web

List of Inventors:	Invention:	Judging Time:
24) Winter Tomeno	Lite Go	1:00 - 1:30
25) Nicole Nesmith	Marker Changer	1:00 - 1:30
26) Caroline Smith	The Crushinator	1:00 - 1:30
27) Juwan Roberts	Bar Soap Dispenser	1:15 - 1:45
28) Kayla Smith	The Paper Cleaner	1:15 - 1:45
29) Katelyn Santiago	The Easy Peasy Pet Washer	1:15 - 1:45
30) Andrea Koston	Aquatic Sphere	1:45 - 2:15
31) Aditya Srivatsav Tangirala	Sticky Plates	1:45 - 2:15

"A patent, or invention, is any assemblage of technologies or ideas that you can put together that nobody put together that way before. That's how the patent office defines it. That's an invention."

Dean Kamen - Inventor of The Insulin Pump & The Segway

“The trouble with life isn't that there is no answer; it's that there are so many answers.”

Ruth Benedict - American Anthropologist and Folklorist

List of Inventors:	Invention:	Judging Time:
32) Shane Tyree	T.V. for 2	1:00 - 1:30
33) JaQuan Ponder	Identification Goggles	1:00 - 1:30
34) Emone Johnson	The Remember-It-Now	1:00 - 1:30
35) Yalexia McField	Egg-Celent Craker	1:15 - 1:45
36) Aileen Rivera	Teacher's Desk	1:15 - 1:45
37) Eddie Casado	Flying Solar Car	1:15 - 1:45
38) Leslie Bonilla	Secret Compartment Pencil Case	1:45 - 2:15

“My training as an engineer has enabled me to design the stuff, but the reason I do it is not to make music but for the opportunity to work with musicians.”

Robert Moog - Inventor of the Moog Synthesizer

"It takes as much energy to wish as it does to plan."

Eleanor Roosevelt - First Lady of the United States from 1933 to 1945

List of Inventors:	Invention:	Judging Time:
39) Alexander Diaz Gomez	Strong Eight Arm Helping Bot	1:00 - 1:30
40) Antonio Morales	Tech Organizer	1:00 - 1:30
41) Amanda Ellman	Dishwash Your Retainer	1:00 - 1:30
42) Pranav Devarakonda	Temperature-Control Violin Case	1:15 - 1:45
43) Chandrika Sanapala	Self Warming Boots	1:15 - 1:45
44) Anna Wisbey	Furniture Go Down	1:15 - 1:45
45) Josiah Sykes	Celler-Bot 3000	1:45 - 2:15
46) Katie Smith	R. Control RB Making Tissue Box	1:45 - 2:15

"When a pianist sits down and does a virtuoso performance, he is in a technical sense transmitting more information to a machine than any other human activity involving machinery allows."

Robert Moog - Inventor of the Moog Synthesizer

2010 Invention Convention Committee *Thank You for Volunteering!*

Jodi Baker RCSD Teacher

Leah Baker *Spencerport Central Student*

Matt Carnevale *Photographer, Creative and Technical Content Writer*

Officer James Godshall *Security*

Alex Johnson *RCSD Teacher*

Alla Levi *Central Library of Rochester and Monroe County*

Steve Nash *Central Library of Rochester and Monroe County*

David Peterson *GCSD Principal*

Virginia Vasta *Kaman Law Firm Paralegal*

Our Sponsors:

Abbott's Frozen Custard

Adventure Landing

Bruster's Ice Cream

Chuck E. Cheese

Master Kim's Taekwondo Institute

Greece Regal Cinema

RIPLA Rochester Intellectual Property Law Association

RMSC Rochester Museum and Science Center

Seneca Park Zoo

WARD'S Natural Science

Wegmans

Whispering Pines Miniature Golf

© 2010 RFLR Invention Convention & Matthew Carnevale

xerox  Printing compliments of Xerox Corporation

Photos, Program Design, Content creation/editing by Matthew Carnevale