

# PROJECT FIBONACCI® STEAM NEWSLETTER

2017 NOMINATIONS  
& INVITATIONS

WOMEN & STEAM  
SPEAKERS SERIES

SPECIAL  
ANNOUNCEMENTS

PAST  
EVENTS



## Greetings STEAM Scholars—

Don't worry, I'm not going to clap! Welcome to Issue 2 of the Project Fibonacci® newsletter! It's hard to believe that, as I write this, the 2017 STEAM Conference is just seven months away! Time flies when you're having fun! Speaking of fun, 2017 is going to chock-a-block loaded with it: we're going to have amazing keynote speakers, including Dr. Debbie Berebichez & Dr. Michio Kaku; phenomenal workshops; and we're launching a new Women & STEAM Speaker Series, starting with us hosting Margot Shetterly, author of "Hidden Figures" (now a film starring *Oscar-winner* Octavia Spencer!) at the Stanley Theater in Utica on Friday, January 20 (see page 3 for details). We'll also have Christine McKinley, author of "Physics for Rock Stars" and a co-host of the History Channel's *Decoded*, on Tuesday, March 7. She'll be keynoting our 1-day Women & STEAM mini-conference, which will be aimed at young women in grades 7-12. I hope that you'll be able to make it to one or both events – and don't forget to nominate a peer to attend the 2017 STEAM Conference! Project Fibonacci® is truly moving full STEAM ahead into 2017 and, with you being a part of it, we'll ignite a positive future together!

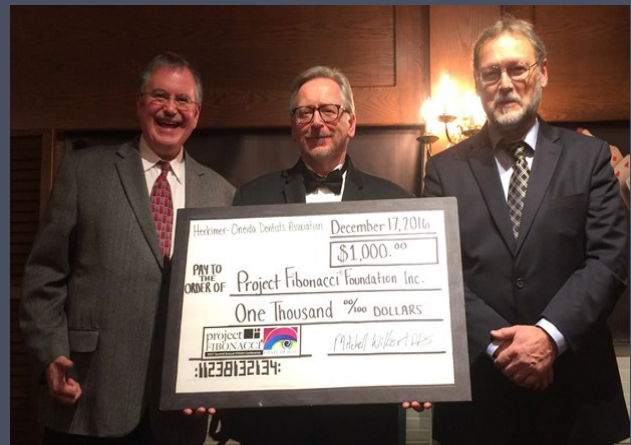
*Daniel Kostelec*

2016 General Chair

## Thank You to our Sponsors & Supporters!



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Herkimer-Oneida Dental Association  
\$1,000 Donation

# 2017 STEAM SCHOLAR NOMINATION

## IT'S NOT TOO LATE *To Nominate!*

Still Accepting Nominations!

**TEACHERS & MENTORS:**

*Nominate your STEAM Scholars today!*

**RETURNING STEAM SCHOLARS:**

*Don't forget to nominate your peers!*

Nomination forms can be found at [ProjectFibonacci.org](http://ProjectFibonacci.org)



Invitations to those accepted to attend the Project Fibonacci® STEAM Conference are sent to qualifying students & parents!

[Registration opens February 1, 2017](#)

*Please note: Registration does not require payment!*



[info@projectfibonacci.org](mailto:info@projectfibonacci.org)



(315) 334-1163



(315) 334-1397



# FullSTEAMahead!

# WOMEN & STEAM SPEAKERS SERIES

## *Margot Lee Shetterly* AUTHOR OF HIDDEN FIGURES



The true story of the African-American women mathematicians at NASA who helped fuel some of America's greatest achievements in space. It's an epic history set during WWII and the Civil Rights Era. Shetterly will celebrate these unsung heroes, teasing out issues of race, gender, science, and innovation.

In Theaters January 6, 2017



**Friday, 20 January 2017**

7:00 PM

**The Stanley Theatre**

259 Genesee St. Utica, NY 13501

**General Admission: \$25.00**

**College Faculty & Staff\*: \$15.00**

**College Student\*: \$10.00**

*High School Group Discounted Rates Available*

**Tickets Available at [Eventbrite.com](http://Eventbrite.com)**

Presented in Cooperation with:



ANDRO



*\*College faculty/staff and student discounted tickets available at the door. Must show college ID*

# STAY INVOLVED

## ***STEAM Scholar Spotlight***

**Featuring:**

**Alexandria Burger**

**Vernon-Verona-Sherril High School**



Alex is a 2016 STEAM Scholar alum with plans of returning for the Second Annual Project Fibonacci® Conference. Fluent in robotics, coding, science and math, she plans on using her knowledge in the biomechatronic & biomedical engineering fields after High School. Her busy academic schedule includes her participation in the FIRST Robotics team, Geared Up 6437, an internship at ANDRO Computational Solutions, LLC as well as keeping her grades up as an honors student!

## **JOIN THE TEAM!**

Project Fibonacci® is seeking returning and new STEAM Scholars to join the STEAM Scholar Advisory Board!

*Make a difference, brainstorm ideas and speak on behalf of the STEAM Scholars!*

**Contact Us: [info@projectfibonacci.org](mailto:info@projectfibonacci.org)**

## **WRITE A LETTER OF SUPPORT**

Pledge your support to New York State Governor Andrew Cuomo

*Describe your experience at the 2016 Project Fibonacci® STEAM Conference and be sure to explain how STEAM programs are a vital part of our education and economic system!*

Letter Template & Key Points can be found [here](#).

Please send by January 31, 2017

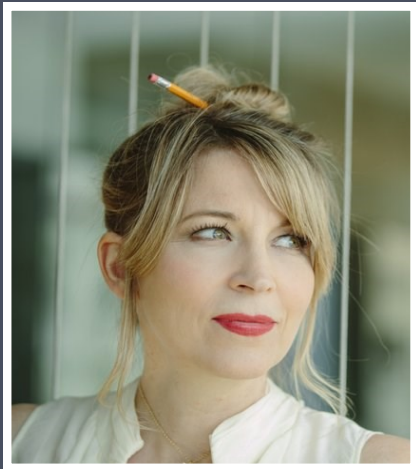
The Honorable Andrew M. Cuomo  
Governor of New York State  
NYS State Capitol Building  
Albany, NY 12224

# WOMEN & STEAM MINI CONFERENCE

*Breaking the Glass Ceiling to Let All the Stars Shine*

*An innovative one-day STEAM Conference*

## *Keynote Speaker*



## *Christine McKinley*

Mechanical engineer,  
musician and author of  
*Physics for Rockstars*.  
As seen as the guest host  
of Brad Meltzer's  
*Decoded* on the History  
Channel and *Under New  
York* on the Discovery  
Channel.

**March 7, 2017**

Teams of Students Grades 7-12

*Featuring Local & Regional Female:*

- STEAM Enthusiasts
- Educators
- Entrepreneurs
- Leaders
- And more!

*Keynote Speeches &  
Hands-on Workshops!*



[Contact us for more  
information](#)

# 2017 CONFIRMED KEYNOTE SPEAKERS

## DR. MICHIO KAKU



Dr. Michio Kaku is an American theoretical physicist, futurist, and popularizer of science. Kaku is a professor of theoretical physics at the City College of New York and CUNY Graduate Center

## DR. DEBBIE BEREICHEZ

Dr. Debbie Berebichez is a physicist, TV host and STEM advocate. She is the first Mexican woman to graduate from Stanford University with a PhD in Physics, and she uses her education and background to make science approachable and appealing to a wide range of audiences.

Dr. Berebichez co-hosts Discovery Channel's *Outrageous Acts of Science* TV show (2012-present), where she uses her knowledge of physics to explain the science behind extraordinary engineering facts.



*Follow us on social media for more confirmed keynote speakers*

**@ProFibonacci**

# RECENT FIBONACCI EVENTS

## *The Second Annual sUAS Day!*

Small Unmanned Aerial Systems,  
The Future & You!

Held October 18-19, 2016



Held at the Beeches Conference  
*Future Home of the Project Fibonacci® STEAM Campus*

Teams from schools across Central New York worked together to complete a series of sUAS workshops & exercises.

Activities included:

- 3D printing sUAS Repair shop
- Autonomous Flight
- Gathering GPS Coordinates
- Programming
- Manual Flight Obstacle Courses
- Flight Simulator
- Sense & Avoid Demo
- Cyber & Safety Demo
- Resource & Career Center

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