

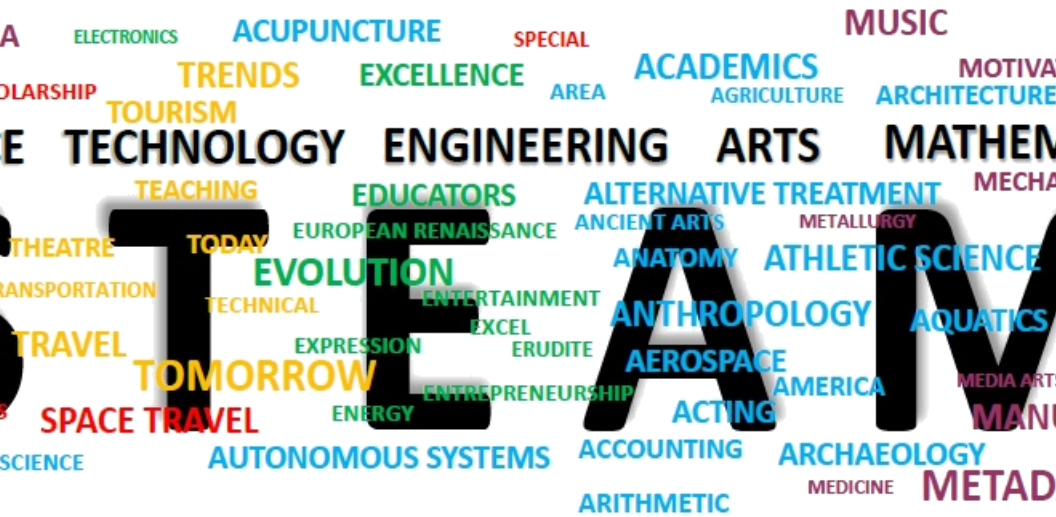
OUR MISSION

Expose our youth to a culture of interdisciplinary learning, teaching them to become creative, independent leaders of community resurgence.



project 
FIBONACCI[®]
FOUNDATION, INC.

OUR VISION



nts from across NYS—and even one student
—were nominated by their educators and
attend the third-annual event in Rome, NY at
surrounding CNY venues.



ing closely with professionals in the archi
gn fields, STEAM scholars were given the t
edge needed to bring their Smart City of S

5%
NEW
SCHOLARS

9%
SCHOLARS

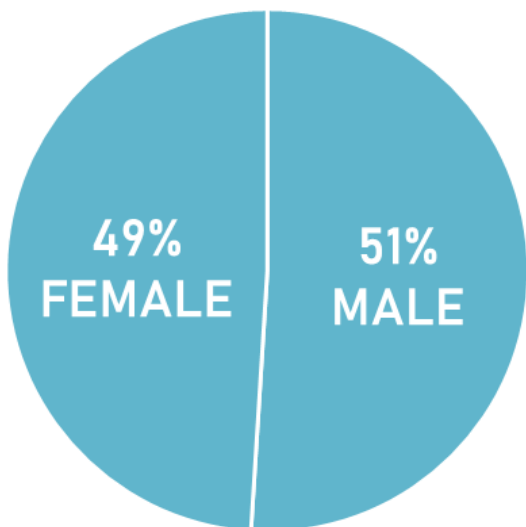
51%
SCHOLARS

0%
& HERKIMER
TY STEAM
OLARS

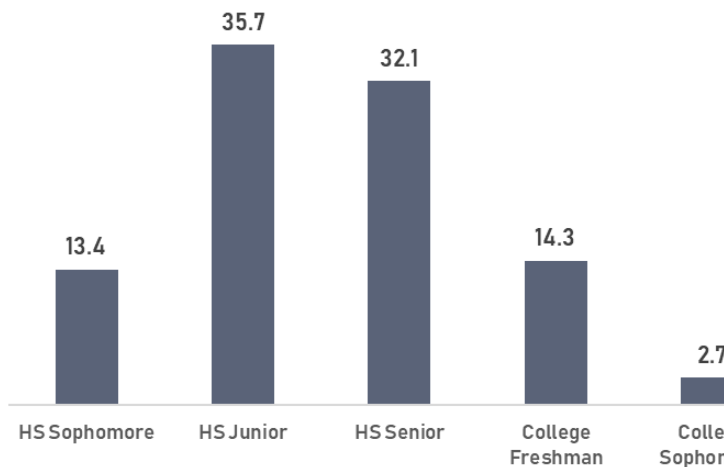
6+
S SENT THEIR
S TO ATTEND

40+
ES, SCHOOLS &
GANIZATIONS

GENDER



GRADE LEVEL



91%

OF PARTICIPANTS HAD THEIR TUITIONS
WHOLE OR IN PART BY THEIR SCHOOLS



ence...”

can translate into careers beyond regular day

activities and meeting new people!”

many opportunities in CNY...”

ance was an incredible experience. We learned a

essionals, met and worked with scholars,

s labs and so much more!”

importance of preserving history.”

nacci® helped me get out of my comfort zone!”

so nice & there’s so much info I didn’t know

re knowledgeable & engaging”

CONFERENCE!!!”

more confident and outspoken.”

that taking risks is very important to being

u ‘can’t’ do something & create your own box.”

v to express myself with passion & technique”

5=Highly S

STAFF: 4.3

WORKSHOPS:

CURRICULUM:

KEYNOTES: 4.3

EXPERIENCE:

WHAT INTER
MOST

SCIENCE: 35%

TECHNOLOGY:

ENGINEERING

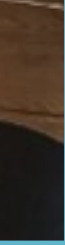
ART: 20%

MATH: 16%

WHAT CAR
YOU PLAN
PURS
TOP ANS

- Medical
- Environment
- Engineering
- Psychology
- Art/Design
- Education

ALMOS
WOULD R
FOR THE 20



PROFESSOR MICHAEL MILLER
 Michael Miller is a prolific and best-selling writer who has written over 200 books on a variety of topics from computers to music to business. Mr. Miller shared his expertise with STEAM Scholars on “The Internet of Things: How Smart TVs, Smartphones, Smart Homes and Smart Cities are Changing the World.” STEAM Scholars were tasked with the project to design their own Smart Home, reflecting the insight and advice of Michael Miller.

DR. ALEXANDER FILIPPENKO

Dr. Alexander Filippenko is one of the world’s most highly cited astronomers, with more than 100 TV documentaries and is the author of *The Universe in the New Millennium*. Dr. Filippenko has been actively involved with the Fibonacci® Foundation, Inc. as a 2016 & 2018 keynote speaker, as a member of the Advisory Board and motivated the STEAM Scholars to give a presentation and speech, “Einstein Triumphs: The Magnificent Deflection of Light Waves.”



DR. MARIO LIVIO

Dr. Mario Livio is an internationally known astronomer, best-selling author and a popular speaker. He has published more than 400 scientific papers on topics ranging from Dark Matter to cosmology to black holes and extrasolar planets. Dr. Livio was the keynote speaker at the STEAM Scholars’ “What’s Out There?”



DEANNE BELL

The headliner of our Imagine the Impossible Triple presented by First Source Federal Credit Union was and television host, Deanne Bell. Ms. Bell shares her experiences as the founder of FutureEngineers.org, co-host of "Make Me a Millionaire Inventor" and her passion for engineering and traveling. The Imagine the Impossible Triple Feature also showcased mentalist Robert C. and the Human Calculator, Scott Flansburg.

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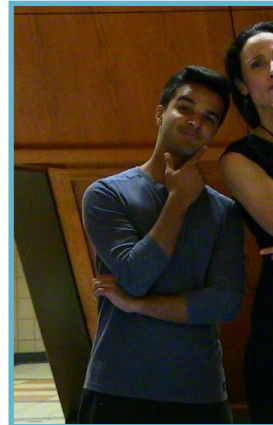
HILARY McMANUS

STEAM Scholars visited the Upstate Biotech Center and were empowered by local professor and scientist, Dr. Hilary McManus. Presented in part by the Girl Scouts of NYPENN Pathways, Dr. McManus discussed her role in the STEAM initiative for women in science and her recent journey in Antarctica. She was one of the first participants in the World Bound organization and is a member of the biology department at Le Moyne College.



PRESENTED IN PART BY
THE GIRL SCOUTS OF NYPENN PATHWAYS

author Brandy Schillace, Ph.D., shared stories of the inter-
science, history and literature in her speech, "Stranger than Ficti-
nting the Future." Her extensive work in museums including
Medical History and as a writer and researcher of the BM
Brandy was able to share stories and motivate the audience
between the past and the future. Dr. Schillace was one of
the final day of the conference and is now a part of the Honorary
ard.



ELANEY

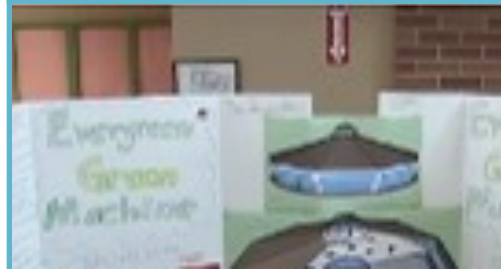
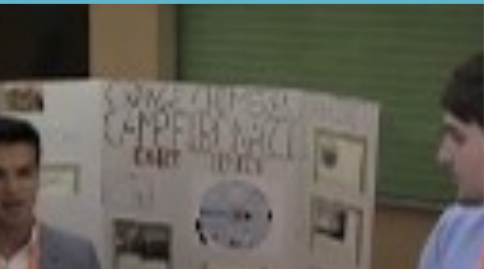
ey returned to perform interactive science presentations:
"Fire" and "Steel Wool Sparklers." Delaney is a performer, play-
used in Little Rock, Arkansas. He has presented science demo-
TV programs and is the resident science presenter on the To-
Fallon. Kevin Delaney is also the host of Street Science on t-
l is a part of the Project Fibonacci® Foundation's Honorary
ard.



children, students engaged with various tasks. The "Smart STEAM Campus of the Future", a learning experience that brought together industry experts and educators with learners aged 11-18. Technology experts, builders, authors and visionaries were present at the conference to guide the scholars through the "design process" and provide concepts for their final project.



Educators and community members were invited to the STEAM Design Teams final projects and were judged on design, aesthetics and more.



...ing began with a set of wake-up workshops to get ready for the day. Workshops included Zumba, swimming, painting and more.

Workshops allowed the STEAM Scholars to work and learn from professional STEAM professionals. STEAM Workshops included:

- Computer Aided Design (CAD)
- Electricity in Electronic Manufacturing
- Finance
- Visual Art: Quilting Design
- Stringed Instruments
- Science of Photography
- Distance Scales in the Universe
- Communicating Astrophysical Principles
- Improvising & Composing Jazz
- Blockchain & Cryptocurrencies
- Language Adaptations
- Science of the Paranormal
- Applications of Drones
- Mathematical Information Theory
- Computer Security 101
- Current Kind of Conversation
- Machine Learning Algorithm
- Science Fiction Stories
- Art - From Bomb to Medicine
- Classical Music in Music
- Forensic Scene Investigation



greatest STEAM related facilities to show our STEAM S
opportunities Central New York has to offer.

ours included:

n Psychiatric Hospital– Utica, NY

s Park Architectural Tour– Utica, NY

n-Williams-Proctor Art Institute– Utica, NY

c Medical Research Institute– Utica, NY

architectural Walking Tour– Downtown Rome, NY

rmal Investigations of the Capitol Theatre– Rome, NY

efense & Security– Syracuse, NY

use School of Public Communications– Syracuse Univers

Accelerator– Syracuse, NY

m of Science & Technology– Syracuse, NY

King Architectural Firm– Syracuse, NY

ce Research Laboratory– Rome, NY



FIBONACCI® LEARNING EVENT:

OCTOBER 19, 2018

Fibonacci® Foundation is partnering with AFRL, local universities in a day-long professional development event for educators and students focused on unique topics such as Quantum Ion Trapping, The Cognitive Neural Development in Children, Brain-Computer Interfaces, and Brain the Rest, and other similarly interesting presentations. The event is a thought process regarding educational paths and approaches to incorporating cutting edge technologies and information not typically available. The City of STEAM Challenge winner shall be awarded at this event.



T FIBONACCI® S/UAS DAYS: THE FUTURE & YOU 2018-SPRING 2019

Fibonacci® Foundation will be holding a series of one-day events in a row, at both the Beeches Professional Campus and at another location. You will learn from experts in the small, unmanned aerial system (s/UAS) and explore UAS technologies and their role in Central New York and beyond. Students will take part in hands-on learning which will include topics such as flight simulation, indoor and outdoor manual flight, programming, flight, photography and videography, and more!

Contact Lisa Smith at msmith@androcs.com for more information.

Visit ProjectFibonacci.org for further information regarding future STEAM

FIBONACCI® WOMEN & STEAM CONGRESS

MARCH 8, 2019

NATIONAL WOMEN'S DAY

Fibonacci® Foundation is partnering with Utica College to present a day-long event celebrating women's leadership in the STEAM fields. This day-long event will feature hands-on activities and keynotes from some of the brightest shining lights in education and STEAM.



WOMEN IN STEAM

PROJECT FIBONACCI® STEAM CONFERENCE

JULY 28 – SATURDAY, AUGUST 3, 2019

Annual Project Fibonacci® STEAM Conference! Hands-on, interdisciplinary learning that is team- and project-based, for middle grade through junior year of college or university. Interested in attending? Visit ProjectFibonacci.org starting October 2018.



project
FIBONACCI®
FOUNDATION, INC.



WANT TO WIN UP TO \$10,000* FOR PROJECT DEVELOPMENT & IMPACT YOUR COMMUNITY & RECEIVE \$1,000 IN COLLEGE SCHOLARSHIP FUNDS

Join in the Smart City of STEAM Challenge

Hosted by The Project Fibonacci® Foundation, Inc. and EPICS

EPICS IN IEEE

ENGINEERING PROJECTS IN COMMUNITY SERVICE

By teaming up with a non-profit organization, teams or individuals will be able to develop and perform a product or service that will positively impact their community.

Participants must have attended past Project Fibonacci® programs during the 2018 STEAM Conference. Participants will be eligible to receive \$1,000 in scholarship funds toward their tuition by joining the challenge.

The Project Fibonacci® can provide mentors for the challenge and facilitate a partnership with a nonprofit community service organization.



Visit ProjectFibonacci.org for full details.

Sign your team up today by emailing epics@projectfibonacci.org

Shoreline Group



ANDRO

United Way

CS IN IEEE

nationalgrid



The Beeches Inn & Conference Center



Community Bank N.A.



Oneida • Herkimer • Madison

BOCES



WORTHINGTON TRIES



Booz | Allen | Ha

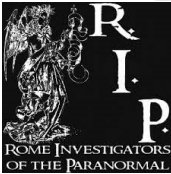
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king + king ARCHITECTS



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ESIS GROUP VALLEY REGION Connection"



HUMMEL'S

girl scouts of ny and nj pathways