



Bhaskara Rudraraju &lt;rudrarb@gmail.com&gt;

---

**The Ohio Academy of Science's newsletter has arrived!**

3 messages

---

**The Ohio Academy of Science** <mwoytek@ohiosci.org>

Mon, Jun 11, 2018 at 6:05 AM

Reply-To: mwoytek@ohiosci.org

To: rudrarb@gmail.com

Your Ohio Academy of Science newsletter has arrived!

[www.ohiosci.org](http://www.ohiosci.org)

## OAS NEWSLETTER - SUMMER 2018, PART I

*Dear Members, Friends and Volunteers:*

What a great spring. This is especially true if you are connected with OAS programs and events. Fortunately, it only occurs once during the calendar year. So now we can reflect and enjoy another successful season and begin making plans for improvement in 2019. If you presented research, mentored projects, volunteered as a judge, or shared other skills in a service capacity, **THANK YOU!!** As Woody Hayes explained, "you win with people". Thank you for coming together and delivering a winning spring.

### The National Youth Science Camp (NYSC)

**Ms. Addison Hartman, of Columbus Alternative High School and Mr. Rishi Mehta of William Mason High School have been selected as the two most promising young scientific leaders in Ohio's 2018 high school graduating class. At the invitation of Gov. Jim Justice of West Virginia, Addison and Rishi will participate**

as delegates in the 55th year of the NYSC held near the Green Bank Observatory in West Virginia.

The Ohio Academy of Science is Governor Kasich's designee for selecting Ohio's student delegates. Ms. Sherene Sohail of Gahanna Lincoln High School was selected as the first alternate. The camp will take place from June 27 to July 21. For more information please visit [www.nysf.org](http://www.nysf.org) and [www.nysc.org](http://www.nysc.org)

Addison Hartman is Secretary of the National Honor and is a research assistant at the Condensed Matter Physics Laboratory at Ohio State. At Columbus Alternative HS she received Student of the Year in precalculus and AP U.S. History.

Rishi Mehta is National Merit Semifinalist and a member of the National Honor Society. He was finalist at the 2015 Buckeye Science and Engineering Fair. Rishi received a 1st Place Award from the Southwest Ohio Water Environmental Association.



**Addison Hartman**



**Rishi Mehta**

## The Buckeye Science and Engineering Fair

On April 7th, a total of 91 students (80 projects) competed at the Buckeye Science and Engineering Fair. These exceptional students were competing for the opportunity to advance their project to the Intel International Science and Engineering Fair. BSEF was sponsored by Ethicon and COSI, who also hosted the event.





**The 2018 Buckeye Science and Engineering Fair participants photographed in Gallery 2 at COSI, Columbus, OH.**



**The 2018 BSEF finalists and alternates. From left to right, Caroline Karbowski (Summit Country Day School, Cincinnati), Sudarshan and Prathik Chakravarthy (Beavercreek HS, Beavercreek), Nipun Jayatissa (Maumee Valley Country Day, Maumee), Mukund Seshadri (Dublin Coffman HS, Dublin), Laalytia Acharya (William Mason HS, Mason), Rohit Kataria (Wheelersburg HS, Wheelersburg), and Harsimran Makkad (Sycamore HS, Cincinnati), and Michael Woytek, Chief Executive Officer, The Ohio Academy of Science**

**Caroline Karbowksi, Nipun Jayatissa, and Mukund Seshadri were each presented with a 4th Award in their judging category at the ISEF. What a tremendous accomplishment!**

**Thank you to each of the BSEF sponsors.**

# ETHICON

PART OF THE *Johnson & Johnson* FAMILY OF COMPANIES



## The Governor's Thomas Edison Awards for Excellence in STEM Education and Student Research - Call for Applications

First established in 1985, The Governor's THOMAS EDISON Awards for Excellence in STEM Education and Student Research are presented to Ohio schools and teachers who stimulate student originated, inquiry-based science education, and technological design and extend STEM education beyond traditional classroom activities. Application are due by June 22, 2018 and must be submitted by the school's principal.

### [CRITERIA FOR SCHOOL AND TEACHER AWARDS](#)

### [APPLICATION SUBMISSION](#)

### [THE 2017 AWARDEES](#)

## The OAS Annual Meeting



The 127th Annual Meeting was held at Bowling Green State University on Saturday, April 14.

Dr. Cordula Mora, Director of Undergraduate Research was the local coordinator and meeting hostess. There were a total of 247 research projects that were presented both orally and in poster sessions.



Dr. Michael Tamor

Dr. Michael Tamor, Ford Motor Company (Retired), Henry Ford Technical Fellow, Energy Systems and Sustainability was the keynote speaker. Dr. Tamor addressed responsible research on the future of cities and mobility needs, and pathways to a carbon neutral economy.

In 2017, Dr. Tamor retired from Ford and he is continuing his research in association with Arizona State University School for the Future of Innovation in Society.

As a Fellow of the American Physical Society, Dr. Tamor has published over 80 refereed journal articles, authored chapters in four books, and holds 56 US patents.



**From left to right Jack Adair (Muskingum University), Harrison Raub (Muskingum University), David Lankitus (Capital University), Alex Furst (Muskingum University), Donny Ingold (Muskingum University), and Allison Brown (Muskingum University)**



**Dr. Michael Tamor  
All-Academy Lecture**



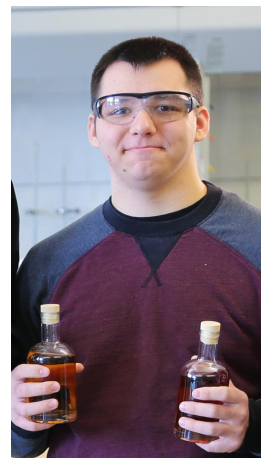
Poster Session, Bowen-Thompson Student Union

## OAS Undergraduate Research Award

Lorain County Community College student Clayton Mastorovich was awarded with the Ohio Academy of Science Undergraduate Research Award. Mr. Mastorovich presented **UNPRECEDENTED WHISKEY FLAVORS PART 1: GC-MS ANALYSIS OF UNPRECEDENTED WHISKEY FLAVORS CREATED BY A NOVEL AGING PROCESS** at the OAS Annual Meeting on April 7.

The research utilized GS-MS to analyze whiskey flavor compounds and applied an innovative technology of accelerated pressure aging to replicate and enhance the flavor characteristics.

Field trips to LCCC can be organized by contacting Clayton's research advisor, Dr. Regan Silvestri.



## THE OHIO ACADEMY OF SCIENCE ELECTION OF OFFICERS AND TRUSTEES

The 2018 election results were announced at the OAS Business Meeting on April 14, 2018 (Annual Meeting -Bowling Green State University). The following is the current roster of officers and trustees.

President, Vicki A. Motz, PhD - Ohio Northern University  
 President Elect, Rodney Sheets - USGS  
 Past President, Kerry Cheesman, PhD - Capital University  
 Secretary, Angela McMurry - Arcanum High School

Treasurer, Michael Hoggarth, PhD - Otterbein University  
Director, Junior Academy Council, Martin English, DVM  
Editor, *Ohio Journal of Science*, Lynn Elfner, PhD (Retired OAS-CEO Emeritus)

**Trustees, Academia At-Large**

Steven Hubbard, PhD - Lorain County Community College  
Cordula Mora, PhD - Bowling Green State University  
Claire McLeod, PhD - Miami University  
Christina O'Malley, PhD - Carroll High School

**Trustees, Government At-Large**

Richard Benz, Science Consultant (Retired Educator)  
Pete Harlan, The Perduco Group  
Norm Fausey, PhD - Retired USDA  
Charles Flower, PhD - US Forest Service

**Trustees, Industry At-Large**

Nick Fendinger, PhD - Proctor and Gamble  
Miles Free, Precision Machined Products Association  
Ryan Paul, PhD - GrafTech International  
Rusty Rush, Charles River Laboratories

## **Ohio Academy of Science - Become a Member, Donor, or Sponsor**

The membership of The Ohio Academy of Science is as diverse as the science taking place in Ohio. Please consider joining the OAS to support science and education in Ohio.

### **[MEMBERSHIP APPLICATION](#)**

If you are interested in making a donation to support the Academy

### **[MAKE A DONATION](#)**

For those individuals and organization interested in sponsoring programs like The Buckeye Science and Engineering Fair or State Science Day, please send an email inquiry to [info@ohiosci.org](mailto:info@ohiosci.org)

*The next newsletter will be all things State Science Day!!!*

*Please share this email with your colleagues that may be interested, and contact us anytime for more information.*

*Sincerely,*



**Michael E. Woytek, CEO**  
**The Ohio Academy of Science.**

The Ohio Academy of Science | [www.ohiosci.org](http://www.ohiosci.org)

**Follow us on Facebook and Twitter to stay informed on everything going on at the Academy!**



The Ohio Academy of Science, [1500 W 3rd. Ave Ste. 228, Columbus, OH 43212](#)

SafeUnsubscribe™ [rudrarb@gmail.com](mailto:rudrarb@gmail.com)

[Forward this email](#) | [Update Profile](#) | [About our service provider](#)

Sent by [mwoytek@ohiosci.org](mailto:mwoytek@ohiosci.org) in collaboration with



Try it free today

**The Ohio Academy of Science** <[mwoytek@ohiosci.org](mailto:mwoytek@ohiosci.org)>

Mon, Jun 11, 2018 at 6:05 AM

Reply-To: [mwoytek@ohiosci.org](mailto:mwoytek@ohiosci.org)

To: [crc.science.fair@gmail.com](mailto:crc.science.fair@gmail.com)

[Quoted text hidden]

[Quoted text hidden]

The Ohio Academy of Science, [1500 W 3rd. Ave Ste. 228, Columbus, OH 43212](#)

SafeUnsubscribe™ [crc.science.fair@gmail.com](mailto:crc.science.fair@gmail.com)

[Forward this email](#) | [Update Profile](#) | [About our service provider](#)

Sent by [mwoytek@ohiosci.org](mailto:mwoytek@ohiosci.org) in collaboration with



Try it free today

**Bhaskara Rudraraju** <[rudrarb@gmail.com](mailto:rudrarb@gmail.com)>

Mon, Jun 11, 2018 at 9:04 AM

To: Sachin Rudraraju <[sachinrudraraju@gmail.com](mailto:sachinrudraraju@gmail.com)>

[Quoted text hidden]

--  
Thank You,  
Bhaskara

"Help Ever-Hurt Never; Love All-Serve All"- SaiBaba