



ANNUAL REPORT
2021-2022



















# The Alternative School for Math & Science

and parents, provides an academically challenging and supportive learning environment uniquely designed for children ages 10-14. The School's innovative curriculum, atmosphere of trust and respect, and commitment to lifelong learning enable the positive development of the whole child. Every aspect of school life is intended to help students learn tolerance, build integrity and character, and become responsible members of the broader community.











# **Mission Statement**

# Letter from Leadership Team

Letter from Leadership Team

Board of Directors

Annual Fund Development Campaign

Students

**Student Awards** and National Competitions

Student Participation in **ASMS Sponsored Activities** 

Annual Campaign Supporters

Alumni Spotlights



band practice, teachers and staff stood outside the doors to listen, and we all had tears in our eyes as our hearts burst with the joy of hearing the students play together again.

ASMS, as we knew it when our children attended, was back. The students went on class trips to the Y at Watson Woods and the Cornell facilities in Ithaca, performed in the Mary Poppins Jr. musical, and ate lunch together inside the lunchroom. Hearing their laughter, seeing their smiles, and watching their love of learning grow is why we do what we do.

The past year also brought change to our faculty. We announced a new academic head, and we sadly said goodbye to faculty members who have been valuable members of our learning community for many years. While the fond memories and the impact of their contributions will live on, we look forward to welcoming the new teachers and what they will bring to our school.

As we reflect on the impact of the pandemic, we are proud that our strong school mission and unwavering focus on curriculum enabled each student's continued success. We are so grateful to all the members of the ASMS community who helped us maintain a safe, healthy, and dynamic program since the start of the pandemic.

With the same optimism and joy we had at the end of last year, we look forward to the coming year of overnight class trips, concerts, hands-on projects, and diverse activities that encompass an exceptional middle school experience!

fersica U.

Kim Nightingale Academic Head of School

Jessica Ortiz Administrative Head of School

For the first time in three years, we concluded the school year with a concert and graduation celebration at the Corning Museum of Glass. While this event has always been a cause for celebration, this year it was accompanied by a feeling of optimism and joy. A sense of normalcy returned to ASMS, and the excitement in the school was palpable.

At the end of March, the entire student body was able to come together for all-school programs like assemblies and band. When students met for that first

# Annual Fund Development Campaign

## **Board of Directors**



Doug Anderson Janel Barrows Kevin Corliss Tymon Daniels Michael Eisner\* Kim Frock

Melissa Gambol Rebecca Johnson\* James Kaffenbarger Beth Landin Sabeen Mukhtar Barry Nicholson\*

Monica Phillips Nix Brittany Salgado\* Michelle Schaut Amy Schwartz\* **Thomas Squires** Marianne Young

Cumulative Funds Raised 2003-2022

Includes matching gifts and corporate support Does not include donated services or goods

Cumulative Cash Contributions Since Founding

\$9,683,700

2003/04 \$293,262 2021/22 \$926,292

Source of Funds 2021/2022 Total: \$2,513,207

Tuition \$1,694,507 67.4% 36.9%

Donations \$926,292

Use of Funds 2021/2022 Total: \$2,477,668 77.4% Salaries and Benefits

14.4% Scholarships

1.9% Educational Program Costs

2.2% Technology Costs

2.5% Maintenance, Insurance, and COVID

1.6% Administrative Costs/Prof Fees

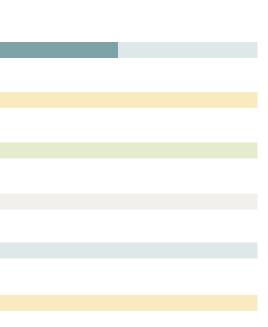
Cumulative Scholarship Awards Since Founding



2003/04 \$7,296 ---- 2021/22 \$356,885

Grants, Fees & Interest\* -\$107,592

-4.3%



# **Students**



137 students in grades 6-8, with 3 sections of students at each grade level

Student body is 50% female and 50% male



ASMS served students from 12 local school districts, with 62% from the Corning-Painted Post School District

(Addison, Athens, Bath, Campbell-Savona, Elmira, Elmira Heights, Hammondsport, Horseheads, Lawrenceville, Northern Tioga, Odessa-Montour, Watkins Glen)

57% of students have a parent who works for Corning Incorporated

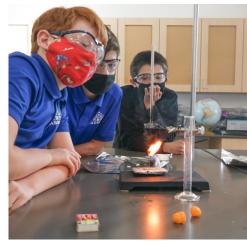


30% of students received need-based scholarships totaling \$356,885

Students provided 6,227 hours of volunteer service to community organizations and neighbors during the school year

Approximately 107,879 hours have been donated since the school opened in 2004































# **Student Awards and National Competitions**

### NEW YORK STATE SCHOOL MUSIC ASSOCIATION (NYSSMA)

Adriana Alonzo Owen Anderson Eliiah Barlow Lee Caprarella Lydia Chung Fiona Cowley John Daniels Selina Dong Josh Fajardo Reed Fuchs Elise Gulati Matthew Han Nathan Han Rebecca Haralson Delilah Kager Maria Kuksenkova Cyrus Law Justin Li Erika Liu Andrea Marjanovic Lia Mazzali Aidan McGroarty James Meritt Nicole Miller Mya Moore Amaia Mower Alexys Nale Lexi O'Connor Abhinav Sattur Aubree Schwind Rvker Sevmour Jameson Sierzant Adeline Sykes Daemon Wadsworth Chloe Wightman Ella Yarnell Soojin Yoon Helen Zhang Veronica Zhang April Zheng

### AMERICAN MATHEMATICS COMPETITION 8

Owen Anderson Fiona Cowley Lydia Chung Selina Dong Matthew Han Nathan Han - *3rd place* Max Jennings Mridini Kandala Cyrus Law - *1st place & Honor Roll Certificate* Ginny Magaziner Wyatt McDonald Nithik Navin Bailey Rider Abhinav Sattur Ryker Seymour Bradley Smith Chloe Wightman Soojin Yoon

### AMERICAN MATHEMATICS COMPETITION 10

Lydia Chung Cyrus Law - *1st place* Charlie Warner

### SCRIPPS NATIONAL

**SPELLING BEE** Cyrus Law - *Regional Winner* Nithik Navin - *ASMS Finalist* 

### ASMS GEOBEE

Abhi Sattur - *1st place* Charlie Warner - *1st runner up* Alex Twiggs - *2nd runner up* 

### COSMOPOLITAN WOMEN'S

CLUB SCHOLARSHIP Dexter Badger Prince Biribuze Mya Moore Alex Twiggs

### PEOPLE FOR A HEALTHY ENVIRONMENT CLIMATE CHANGE VIDEO CONTEST

Lydia Chung - *2nd place* 

### E-CYBERMISSION

Temporary Pothole Repair NYS 1st place winner Owen Anderson Max Jennings Andrew Welch

### Soil Polution in the

Chesapeake Watershed NYS 2nd place winner Cyrus Law Sebastien Salgado Daemon Wadsworth

### **Sticky RFID tags**

Dexter Badger Aaron Giaconia Bryce Hammond

### **Greenhouse Gas Emissions**

Justin Brown Dominik Davis Ben Henry **Reducing Anxiety** Adriana Alonzo Chloe Wightman Ella Yarnell April Zheng

### GAME DEVELOPMENT

Nolan Bocage Nathan Cuyle-Cady John Daniels Logan Eppinger Ford Josh Fajardo Kaden Martinez Oliver McClain-Baker Victor Roussev Thomas Seymour Jameson Sierzant Dean Simons

### FIRST LEGO LEAGUE ROBOTICS

FLL did not compete due to COVID. ASMS teams competed in-school.

### Team 1

Prince Biribuze Andrew Clark Nick Fears Nick Giaconia Ian Harris Caylee Hinman Kaila Mantey James Meritt

### Team 2

Elijah Barlow Chase Caward Locklann Gill Graeme Harrison Brycen Nale Evan Riley Ethan Smith Ben Torgalski

### **RUBE GOLDBERG**

**Team Pour Salt on Bread** Delilah Kager Lia Mazzali Mya Moore Katie Shaddock

### **Team Unveil Shiny**

Pototoes Haylee Cliff Elise Gulati Nathan Han Adam Perry

### Team The High Fever

Nora Magaziner Brennan Nordman Fiona Peterson Alex Twiggs

### Team Popping a Balloon

Maeve Hill Andrea Marjanovic Sofie Peterson Melina Schwesinger

### TOSHIBA/NSTA EXPLORAVISION

Team Biodegradable Water Bottles Claire Giaconia Junu Keegan Mai Nguyen Lizzie Robinson

### Team The Explorachip

Rebecca Haralson Sydney Hardee

### Team Optostatic -

The First VR Headset with Optogenetics Madison Brown Mridini Kandala Abhinav Sattur

### **Team Block Light**

Wyatt McDonald Ryker Seymour Charlie Warner

### Team Sterilization using

Wolbachia against Aegypti Technology Selina Dong Joanna Lin Erika Liu Veronica Zhang

### **Team Tactile Haptic**

Envisionary Suit Maria Kuksenkova Nicole Miller

# **Student Participation in School-Sponsored Activities**

We are proud of the exceptional levels of student participation in many school sponsored activities. All of the activities listed require a significant investment of time and effort on the part of our students to learn and improve their skills. Their commitment to personal excellence and to the success of a larger group is notable and should be celebrated!

### ASMS AFTERSCHOOL SPORTS -

81% of ASMS students participated in one or more after-school sports during 2021/2022 school year: Badminton - Basketball - Volleyball - Wiffle Ball - Ultimate Frisbee - Rugby - Yoga - Running -Ice Skating - Strength/Conditioning - Handball

Adriana Alonzo Owen Anderson Weston Aumick Dexter Badger Elijah Barlow Bella Beres Prince Biribuze Nolan Bocage Justin Brown Madison Brown Lee Caprarella Chase Caward Caileigh Christie Lydia Chung Andrew Clark Haylee Cliff Fiona Cowley Nate Cuyle-Cady John Daniels Dominik Davis Jayden Dong Josh Fajardo Max Fishleder Reed Fuchs Morgan Galinski Aaron Giaconia Claire Giaconia Lochlann Gill

# John DanielsJunu KeeganDominik DavisMeerab KhanJayden DongJoey KiczenskiJosh FajardoSydney KiczenskiMax FishlederMika KunigonisReed FuchsCyrus LawMorgan GalinskiJustin LiAaron GiaconiaErika LiuClaire GiaconiaKathryn LongLochlann GillGinny Magaziner

Brody Gordon

Bryce Hammond

Rebecca Haralson

Sydney Hardee

Graeme Harrison

Elise Gulati

Matthew Han

Nathan Han

Ian Harris

Maeve Hill

Tia Hawkins

Olivia Hellrigel

Beniamin Henry

Caitlin Holmes

Tabitha Hursh

Max Jennings

Mridini Kandala

Isabella Kaufman

**Bovs Ensemble** Owen Anderson Weston Aumick Dexter Badger Elijah Barlow Nolan Bocage Justin Brown Chase Caward John Daniels Josh Fajardo Aaron Giaconia Nathan Han Cvrus Law Kaden Martinez Wyatt McDonald James Meritt Victor Roussev Abhinav Sattur Dean Simons Bradley Smith

Ben Torgalski Charlie Warner Graham Wightman

### ASMS Jazz Band

Weston Aumick Nolan Bocage Madison Brown Andrew Clark John Daniels Dominik Davis Selina Dong Jayden Dong Josh Fajardo Elise Gulati Matthew Han Nathan Han Joey Kiczenski Andrea Marjanovic Kaila Mantey Kellen Mantey Andrea Marjanovic Kaden Martinez Lia Mazzali Wyatt McDonald James Meritt Nicole Miller Addison Monichetti Mya Moore Amaia Mower Alexys Nale Brvcen Nale Nithik Navin Mai Nguyen Brennan Nordman Angel Nwasoma Seneca Olthof Fiona Peterson Sofie Peterson **Bailey Rider** Evan Riley Lizzie Robinson Victor Roussev Sebastien Salgado Abhinav Sattur Aubree Schwind Ryker Seymour

Thomas Seymour Katie Shaddock Jameson Sierzant Dean Simons Ethan Smith Bradley Smith Cayla Stephenson Jacob Stoker Adeline Sykes Brantlee Thompson Ben Torgalski Alex Twiggs Jose Manuel Umanzor Daemon Wadsworth Charlie Warner Jacqueline Warner Logan Webster Andrew Welch Caroline Welch Chloe Wightman Graham Wightman Ella Yarnell Soojin Yoon Helen Zhang Kyle Zhang Veronica Zhang April Zheng

Lia Mazzali James Meritt Nicole Miller Abhinav Sattur Ryker Seymour Dean Simons

### **Owl Chorale**

Adriana Alonzo Emily Amey Madison Brown Lee Caprarella Lydia Chung Elise Gulati Rebecca Haralson Maeve Hill Caitlin Holmes Delilah Kager Mridini Kandala Junu Keegan

Meerab Khan Maria Kuksenkova Ginny Magaziner Nora Magaziner Kaila Mantey Andrea Marjanovic Lia Mazzali Nicole Miller Mya Moore Amaia Mower Mai Nguyen Lexi O'Connor Melina Schwesinger Aubree Schwind Adeline Sykes Jacqueline Warner Ella Yarnell Sophie Zembek Helen Zhang April Zheng

# 2021–2022 Annual Campaign Supporters

### **Special Thanks**

With sincere thanks and appreciation, we gratefully acknowledge the generosity of the many contributors who provided \$926,292 in funding to support scholarships, capital purchases, and annual operating expenses.

Contributions Received between July 1, 2021 and June 30, 2022

### FOUNDER (\$35,000 AND ABOVE)

Corning Incorporated Robert F. Cummings, Jr. Kim Frock and Wendell Weeks Rachel E. Wood and Joseph A. Miller

BENEFACTOR (\$25,000 - \$34,999)

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### PATRON (\$500 - \$999)

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### SUPPORTER (UP TO \$249)

Anonymous Nancy and David Arkin Minkyung Baek and Jun Ro Yoon Dan and Ann Bower Pauline Emery Jill and Justin Fuchs Carey Gillis Lisa Goldberg and Stephen Koob Sophia Gudenrath Fred and Alicia Herbst Laura and George Hluck Rebecca Johnson Rebecca and Timothy Johnson George and Katherine Kaufman Pat Killian Deborah Kuehner Matteson Lauroesch Jia Liu and Bingzhao Yang Geoff and Lisa Marshall Andrea Ogunwumi Erin and Benjamin Perry Monica Phillips Nix David Rhodes Katerina and Rostislav Roussev Ginger and Jeffrey Schultz Andria and Kevin Schwind Joseph and Sheryl Sierzant Karen Synder Renee and Tom Spisak Patrick Tepesch and Kate Paterson Jennifer and David Togni Pam and Bob Walker Curt Weinstein Kristina Woodcock Zheming Zheng and Li Yang

# 2021–2022 Annual Campaign Supporters

### **DONATIONS IN-KIND**

**Michelle** Corliss Corning Incorporated Kim Frock Kevin and Angela Julien Multi Media Services Dan Nightingale Samsung James Webb and Diane Legendre

### **CORPORATE FOUNDATIONS**

Corning Incorporated Foundation

### We are especially thankful for the creation of named scholarship funds that enable sustained support for students demonstrating need:

Robert F. Cummings, Jr. Scholarship Fund Weeks Family Local 1000 Scholarship Fund Rachel Wood and Joseph Miller Scholarship Fund Marianne Wilder Young Scholarship Fund

We are also grateful for our community partners who support the development of our students and provide opportunities for growth and enrichment outside the walls of ASMS.

### **Community Partners**

171 Cedar Arts Center Bluebird Farms Cornell Lab of Ornithology Corning Food Pantry Corning Museum of Glass Corning-Painted Post School District Dayspring Apartments Food Bank of the Southern Tier Rockwell Museum Salvation Army Southeast Steuben County Library Spencer Crest Nature Center Y at Watson Woods











# **Alumni Spotlight**



### Ryan Bayne • Class of 2011

From ASMS, I went to Notre Dame High School in Elmira. Following graduation, I attended Cornell University, where I got a Bachelor of Science and Master of Engineering in Mechanical Engineering and was a member of - and eventually also fortunate to be the captain of - the Men's Varsity Soccer Team. I've been in two different mechanical engineering roles since graduating: first, with Raytheon Missiles and Defense Systems, and now, with Manta Product Development.



### Sam Bickham • Class of 2010

l attended Worcester Polytechnic Institute for mechanical engineering, where I got my Bachelor and Master of Science in 2018 and 2019, respectively. After four internships with Corning Incorporated, I was hired full time in 2019 with Corning's Manufacturing Technology & Engineering in the Machine & Automation Systems group, where I have been working since then.



### Rory McRae • Class of 2015

After my completion of ASMS, I attended the Forman School in Litchfield, Connecticut, where I got involved in the theater program, participating in seven shows and winning their performing arts award. I went to the American Musical and Dramatic Academy in New York City, where I graduated recently with a Bachelor of Fine Arts, completed in under three years.



### Nia Walton • Class of 2012

I graduated from Spelman College in 2020 with a Bachelor of Science in Mathematics. While in school, I interned at NASA (some of my work is published on their website), and I led my own research projects with The Boeing Company and Georgia Tech in mathematics (applied and theoretical). I've had opportunities to present my research at Spelman College, Georgia Tech, and the Nebraska Conference for Undergraduate Women in Mathematics.



### Lauren Witmer • Class of 2013

After graduating ASMS, I attended Corning-Painted Post High School and graduated in 2017. From there, I went on to St. John Fisher College to study accounting, and I graduated in 2020. During undergrad, I was a summer audit intern at The Bonadio Group in Rochester, New York. I started at The Bonadio Group full time in Fall 2020 after I completed my Certified Public Accountant certification. In May 2021, I transferred to Bonadio's Dallas office.

# **Alumni Spotlight**

### Where are you located and what are you doing now?

**Ryan:** I'm currently in Boston working for Manta Product Development as a Mechanical Design Engineer. It is a design and engineering consultancy, meaning we have clients that hire us for projects ranging from conceptualization through to production. I've personally worked on four projects so far, spanning industrial robotics, dermatology laser systems, medical drug delivery systems, and skincare product packaging.

Sam: For the last almost two years, I have been working with Corning Display Technologies on melting system design. My projects have focused on rebuilding and upgrading melting systems across the plants worldwide, as well as the technical design of two delivery systems.

Rory: I'm currently located in Manhattan, New York, continuing to take classes in dance and voice, while regularly auditioning and completing callbacks for productions.

Nia: After school, I decided to serve in a cause I am very passionate about: educational equity. Thus, I now serve in Teach for America as an upper elementary school teacher at Democracy Prep Baton Rouge. I've been in the role now two years. After my first year, I took a position as a Professional Learning Cohort leader over the 3-5 Mathematics grade level. I'm also working toward getting a certification in Data Analytics with Springboard.

**Ryan**: Two things I took for granted at ASMS were both the Lauren: I currently live in Dallas with my cat Aria and quality of teachers and the band requirement. Hopefully still work at Bonadio in the Commercial Audit Division, current students are able to enjoy and take full advantage specializing in the audits of private-equity firms and forof them while they can! Lastly, if any students, parents, or alumni of the ASMS community would like to talk more profit medical companies. My clients are based both in the Dallas-Fort Worth metroplex and throughout the country, so about interests in engineering careers or collegiate sports, I have had the opportunity to travel to numerous places. feel free to reach out.

### What are your plans in the near future?

Ryan: The only concrete plan career-wise I have for the immediate future is pursuing a Master of Business Administration at Stanford University in the Fall of 2023. Outside of work, my family has an annual trip to the Adirondacks in August, which I'm looking forward to!

Sam: I plan on continuing my training in melt (thermal system) design, including getting hands-on experience during the startup of an upcoming system.

Rory: As of right now, I plan to continue taking classes and working on my craft and hopefully get involved in TV, film, commercials, and theatre.

Lauren: One of my favorite memories from middle school was doing the First Robotics competition in seventh **Nia**: My plans for the future include doing data-driven work grade. And while I could never be an engineer, I still enjoy to provide students with an equitable education. playing with robots even today and love watching the show BattleBots on TV, which my dad and I went to the filming of in 2021.

Lauren: I plan on staying in Dallas and continuing public accounting. Outside of work, I plan on traveling to new

states and countries. Two years ago, I never would have imagined living in Dallas, so I'm keeping an open mind and seeing where life takes me.

### What do you do for fun?

**Ryan**: Anything that involves being active and outdoors. I love soccer, running, cycling, hiking, photography, fly fishing ... the list goes on!

Sam: I enjoy spending time with friends and family, working out, and taking care of my 11-year-old dog, Polly.

**Rory**: For fun, I like to spend a lot of time outdoors, like Central Park. I like to explore the city, go to Broadway shows and music festivals, go for runs through the city, and create music.

Nia: In my free time, I enjoy doing hair, roller skating, watching anime, and spending time with my childhood dog, Jazz! I also like to travel to spend time with my family.

Lauren: I am a Dallas Stars season ticket holder, but don't worry, I will forever be a Bills fan. I also love to travel both domestically and internationally and visit my friends living in New York and Boston on a regular basis.

### Is there anything else you'd like us to know? Favorite memory from middle school?

**Sam:** I can't emphasize enough what a great learning opportunity the robotics program was for me. I continued it into high school, and it really taught me a ton about technical problem solving and thinking on my feet.

**Rory**: My favorite memories in middle school were in band and chorus class and creating music at the Prism Concert.

**Nia**: My favorite memories from middle school include getting close with my friends Stephanie and Hana, history lessons from Mr. Hamilton, and making bug habitats in science class. When I see kids picking on leaves and bugs with their bottoms stuck together, I think of Mrs. Killian!





















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