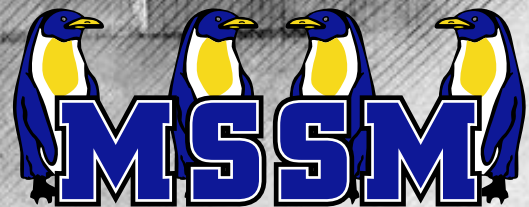


MSSM Newsletter

Spring 2018





Graduation

On Saturday, May 26th, 2018 at 10:00, the Maine School of Science and Mathematics will hold its 23rd Commencement Ceremony and award diplomas to 45 seniors. The ceremony will take place in the Limestone Community School Boothby Auditorium. It will also be live streamed on the MSSM Facebook page.

Friday night there will be a senior dinner at 6:00, but tickets have already been distributed and there is no more space. After that, there will be a senior presentation at 7:30 pm in the Limestone Community School Boothby Auditorium that is open to anyone.

Students will continue their education at Boston College, Bowdoin College, Carnegie Mellon University, Champlain College, Clark University, Clarkson University, Colby College, Cornell University, Eckerd College, Embry-Riddle Aeronautical University, Harvey Mudd College, Lehigh University, University of Maine at Presque Isle, Maine Maritime Academy, University of Maine, Massachusetts Institute of Technology, University of Massachusetts Amherst, McGill University, Mercer University, Mount Holyoke College, Rensselaer Polytechnic Institute.

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1998 MSSM Graduate
2009-2011 Mathematics Instructor
2011-2018 Executive Director
 Longest Serving in MSSM History



Farewell Luke

“I just want to say thank you to MSSM for helping to shape and develop me into the person that I am today. From being a student there to having the honor and privilege of teaching and then leading the school for the last 7 years, I never would have imagined having this opportunity. I’m very, very thankful for that and appreciative. MSSM will always have an ally in me, regardless of the role I play at the institution and that will be an ally that lasts a lifetime.”





1997	MSSM Board of Trustees
2002-2018	Mathematics Instructor
2009-2018	Math Department Chair

Farewell Pete

"I am actually sad about leaving after 16 years at MSSM and I am really going to miss my students. I plan to write a book for math coaches on how to run a successful math team. I am starting work on a Doctorate of Mathematics. The topic is not decided, but likely something on group theory. I'm building a house on Vinalhaven and will be living there when I am not in class in Tampere, Finland. I could be teaching something in Discrete Mathematics or Analysis or second-year Calculus.

Technically, I am retiring, but I am doing it my way. "



Drawn by Haileigh Luce

Club Spotlight

Math Team



MSSM Takes Top Spot

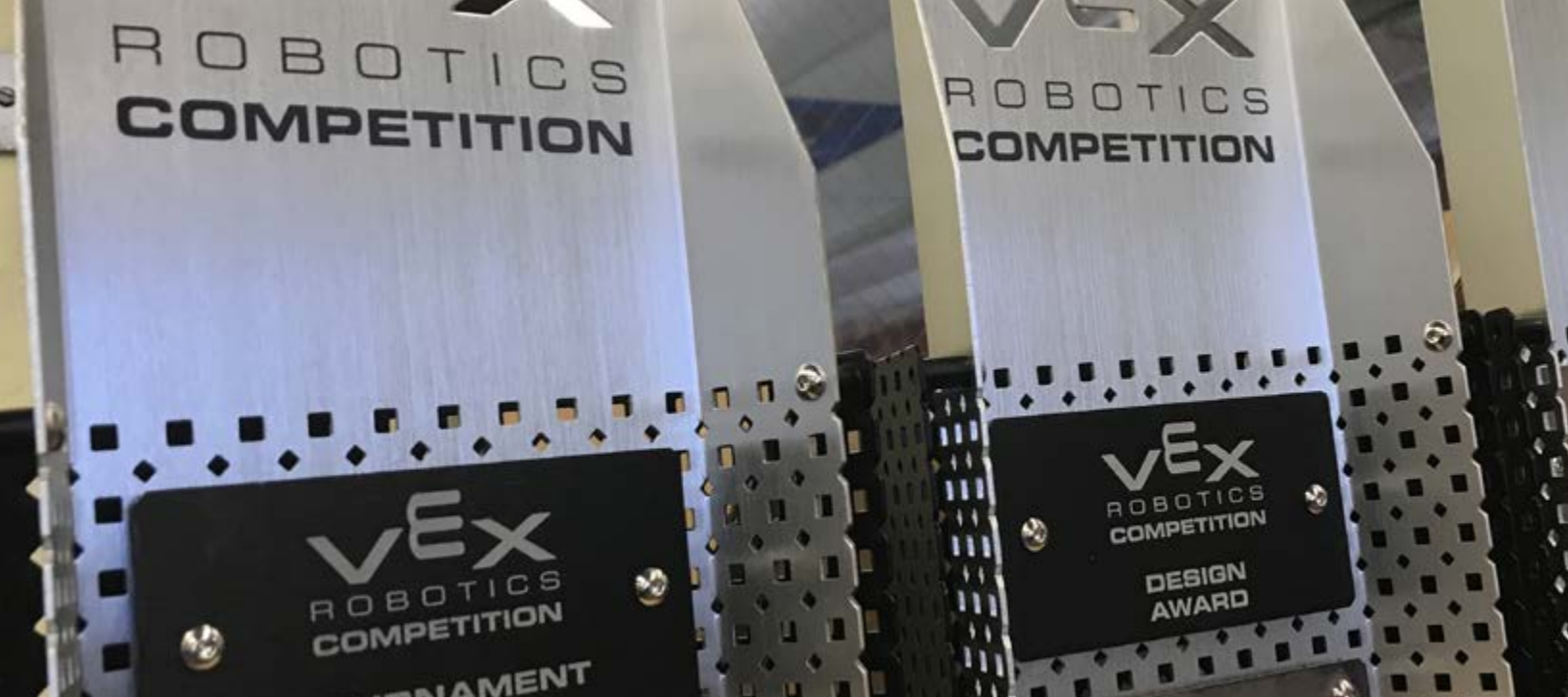
April 3rd in Augusta at State Math Meet

MSSM took first place in the Maine State Math Meet held at the Augusta Civic Center on April 3, 2018. Over 900 students participated and MSSM representatives won 5 medals. Brett Foster, a senior from Fairfield, earned the only perfect score and received the George Millay Award, named after the Maine native who helped establish the New England Math League. Brett Foster exclaimed, "I was excited that all of my hard work from over the past 4+ years has paid off. This will certainly help me in my future career in the STEM field."

The MSSM Math Team consisted of 10 students: Tobyn Blatt, a senior from Brunswick; Brett Foster; Wyatt Giroux, a senior from Wales; David Govoni, a senior from Skowhegan; James Hawkes, a sophomore from Portland; Jordan Theriault, a junior from Caribou; Ethan Winters, a junior from Farmington; Hyoju Kweon, a junior from South Korea; Jack Kang, a junior from South Korea; Wesley Chalmers, a freshman from Scarborough; and Eunice Liu was the alternate. Wyatt Giroux shared, "I feel like the Maine Association of Math Leagues has been helpful in preparing me for the critical thinking that I will need in engineering, which is what I plan to study at the Massachusetts Institute of Technology."

Five of the ten members earned medals at the event. Brett Foster captured the first place spot for both the event and the overall regular season. David Govoni, who plans to attend the University of Maine, was third in the meet and sixth for the regular season. James Hawkes took first place for 10th graders and fourth in the regular season. Ethan Winters received first place for 11th graders and seventh for the regular season and Jack Kang received eighth place for 11th graders.

This was the last math meet for Pete Pedersen, Math Department Chair at MSSM, as he will be retiring from teaching at the end of this school year. He has taken the MSSM team to the State Meet for 16 years and chaired the meet from 1991 to 2008. Tobyn Blatt, who be attending the University of Maine and double majoring in economics and mathematics, said, "For this year's State Meet we went in knowing it was Mr. Pedersen's last year which added a little bit more pressure than in the past, but we couldn't have been happier with the result. I think I speak for our whole team when I say that this year felt a little bit more special to be able to give Mr. Pedersen a trophy in his last meet."



VEX Robotics Has Stellar Year

VEX Robotic Competitions put an emphasis on STEM, engineering, and teamwork. This year MSSM had 3 teams: 4393P, The Emperor Penguins, consisted of Brooke Bolduc, Reed Oestreicher, Chris Evans, Karter Whitman, Tori Moor, Sam Murray, and Will Whitman. 4393S, The Denominator Dominator, was run by Harrison Ma, Rudy Ye, Ethan Kelley, Justin Davis, Eunseo Son, Kura Yamada, and Jay Philbrick. Finally, 4393T, The Adelie Penguins, was made up of Bella Martin, Sarah Kuptchik, Maddy McCarthy, Abby Hodgkins, Maddy Emerson, and Ben Grant.

At the State Championship, all three teams performed well, but two teams didn't make it to the finals. In the end, and due to a technicality, the last remaining team was disqualified from continuing on to the World Championship.

Every year the VEX challenge changes, making students think creatively.

Sea Perch Heads to Nationals

The MSSM SeaPerch underwater robotics teams competed at the Northern New England regional competition on Saturday, April 7th in Bath, Maine.

The Emperor Penguins team represented by Brooke Bolduc, Trevor Gava, Amanda Chen, and Michael Delorge finished the competition in 3rd place and took top honors for their Engineering Notebook.

The King Penguins team represented by Richard Cheung, Rudy Ye, Jialan Deal, and Kura Yamada finished the day in 2nd place, which earned them a spot at the National SeaPerch Competition to be held from June 1-3, 2018 in Dartmouth, MA.

Congratulations to all of the competitors for their strong performance and good luck at Nationals.

Nationals:

University of Massachusetts

Dartmouth, June 1-3, 2018





Jazz Band Goes to States

Pingu Has a Sad

MSSM's jazz combo, affectionately named "Pingu Has a Sad", spent Friday, March 16, 2018 competing in the Maine Instrumental Jazz Festival at Nokomis High School in Newport. Clad in their wonderful new MSSM jazz shirts, our Jazz Penguins played a spirited and well-received set that brought home MSSM's first-ever festival recognition- in this case a plaque for "Honorable Mention" and three certificates for excellence in jazz soloing! As was the case at the district competition in Houlton, adjudicators were once again enthusiastic about

the group and the set it had put together, with comments like "Good charts- well rehearsed", "LOTS of good things here- well done", and "Loved 'Hey Pocky Way'". With only one senior graduating this year the goal for next year is simple: to build upon this year's success, across the board. Thanks all the parents and family members who made their way to Newport on a work day to support them and a special thank you to our Admissions department for the groovy new MSSM Jazz shirts- they were by far the hippest thing at the festival!

Science Bowl

Only Two Seniors Leaving Next Year Looking Strong

Congratulations to all members of the MSSM Science Bowl teams for their performances on Saturday, March 3, 2018, at the State Competition in Gorham. After several months of hard work Team B - Amanda Chen, Sarah Kuptchik, Sandy Kweon, Jordan Theriault, and Mary Witmer - ended with 4 wins and 3 losses in the morning round-robin session. Team A - James Hawkes, George Johnson, Sam Murray, Andie Rawson, and Jay Philbrick were undefeated through the morning sessions and the first semi-final, but lost a nail-biting final round match to Bangor A by a score of 38-34. Team A placed second overall, but with only two seniors on the team the future looks bright.



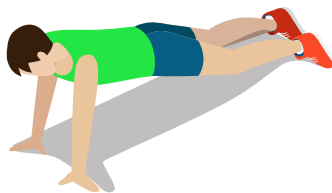
Sports: A Year in Review

MSSM is Not Just an Academic Institution.



Cross Country

The MSSM Cross Country teams were very competitive locally during the regular season, winning several league meets and finishing the season at the regional championship meet in Belfast in 3rd (girls) and 4th (boys) place. With the leadership of Coach Marie Beckum, they ran their way to 9th place (both boys and girls) in the Class C State Championship Meet. Three members of the girls team placed top 20 overall: Dolcie Tanguay (15th), Naomi Kihn (16th), Madison McCarthy (17th). James Cyr was the top finisher for the boys in 26th place.



Swim Team

Nine MSSM athletes participated on the Carlisle Cooperative swim team, along with athletes from Caribou and Presque Isle high schools. Two MSSM swimmers qualified for the state meet in individual events: Abigail Raymond and Emily Stillion. At the Class A State Championship meet, the girls team finished in 18th place.



Soccer

The debut of MSSM boys and girls soccer brought some challenges, but many successes! Proudly competing for the first time in school colors, both teams earned spots in the preliminary playoff rounds of the Class D state tournament. Coach Dugal and the girls team lost in a hard fought and close match with higher-seeded Bangor Christian School. Coach Hamilton and the boys won their preliminary game vs. Madawaska High School. In the quarterfinal round, they were defeated by Central Aroostook High School.



Nordic

MSSM's growing Nordic ski program, under the direction of Coach Jesse Sandstrom, once again had a fun and fast season competing both regionally and in the Class C State Championship meet. Both boys and girls finished in 5th place. Dolcie Tanguay made it to the podium three times during the competition, finishing 3rd overall in classic, 2nd overall in freestyle, and 3rd overall in pursuit. James Cyr and Harrison Walters also received individual awards. James finished 8th in freestyle and Harrison was 5th in pursuit.



Volleyball

Record numbers of student athletes turned out to represent MSSM in the short Aroostook League volleyball season. Coach Jay Beaulieu worked with our students in the inaugural season. In the Division II (small school) Tournament, the boys finished 6-4 in their bracket, but did not advance to the final rounds. Due to weather cancellations and scheduling conflicts, the girls team competed in the Division I (large school) Tournament and finished in 3rd place. Fariel LaMountain and Will Whitman were named to the All-Aroostook All Star Team!



Track & Field



The Track and Field team, coached by Marie and Thomas Beckum, has just finished its regular season. At the County Championship Meet, both the boys and girls finished in 3rd place and many individual athletes were champions in the different running and field events. Top scoring individuals for the Penguins were Will Whitman (tied for 5th/6th with 25 points), Dolcie Tanguay (6th place with 24.5 points), and Andrea Rawson (9th place with 20 points). The girls 4x800 relay team of Madison McCarthy,

Rothery Sullivan, Dolcie Tanguay, and Naomi Kihn finished in 1st place and the boys 4x800 team of Sawyer Lachance, Jay Philbrick, Sage Betko, and James Cyr finished in 2nd place. The following athletes have qualified for the Class C State Championship meet which will be held on June 2nd, 2018, at Massabesic High School: Toben Streevy, Will Whitman, Madison McCarthy, Dolcie Tanguay, Naomi Kihn, Victoria Eichorn, and Andrea Rawson.

New Executive Director

MSSM Welcomes Mr. David Pearson

The MSSM Board of Trustees announced the unanimous appointment of David Pearson as the school's next Executive Director. Mr. Pearson is uniquely qualified to carry on MSSM's tradition as one of the top residential math and science schools in the nation due to his impressive history of leadership. Pearson will assume the position of Executive Director on July 1, 2018.

"Mr. Pearson is an impressive individual with a depth of leadership experience that distinguished him in the search process," said MSSM Board Chair Dr. Jason Judd. "His spirit embodies MSSM's ambitions and we are excited for him to apply his energetic style to build on the legacy of this unique institution."

Mr. Pearson, a native of Worcestershire, England, served as a British Army Infantry Officer before coming to the United States in 1999 with his wife, Mary Anne, who is a Maine native. He then had a long career at Kents Hill School, quickly rising from social studies teacher to department head, academic dean, and finally assistant head of school. Mr. Pearson served as president of Carson Long Military Academy from 2013 to 2016. Throughout these experiences, Mr. Pearson distinguished himself as a person of vision, integrity, ambition, and limitless energy.



"I am both humbled and honored to accept the position of Executive Director of the Maine School of Science and Mathematics. MSSM is an exceptional school with a splendid history of accomplishment that has been powered by a faculty and staff who are dedicated to making a difference to the lives of students each and every day. Such fidelity to an institution does not emerge overnight and takes years of devoted service to achieve in its truest sense and it will be my heady and clear responsibility to build

(continued next page)

upon this strong community spirit in order to help shape the future direction of the school in a collaborative manner with an objective of continued academic excellence and long-term development and sustainability in a dynamic 21st century world. Both my wife Mary Anne and I are committed wholeheartedly to this endeavor and are looking forward with palpable excitement and keen anticipation to joining MSSM in June and getting to know our neighbors in Limestone, making new and lasting friendships, and exploring Aroostook County and wider Northern Maine in the weeks, months, and years ahead," said Mr. Pearson.

Mr. Pearson's hiring concludes a national search that began when the current Executive Director, Luke Shorty, announced that he would leave MSSM after the 2017-2018 academic year to join his wife, Lisa, as she completes medical school.

"Mr. Shorty has worked tirelessly to advance MSSM's mission in Limestone and across the state," said Dr. Judd. "We are deeply grateful for the dedication and energy he has given to MSSM over the past seven years. We wish him and Lisa all the best, and we look forward to following the success of their careers."

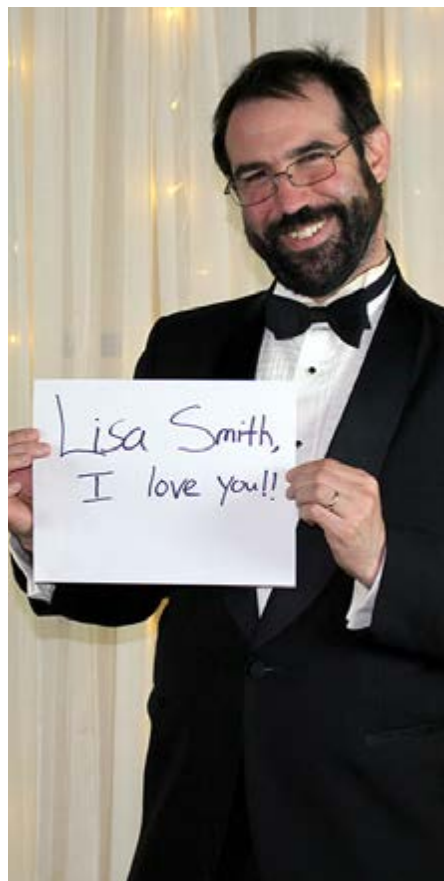
"MSSM is an exceptional school with a splendid history of accomplishment that has been powered by a faculty and staff who are dedicated to making a difference to the lives of students each and every day."



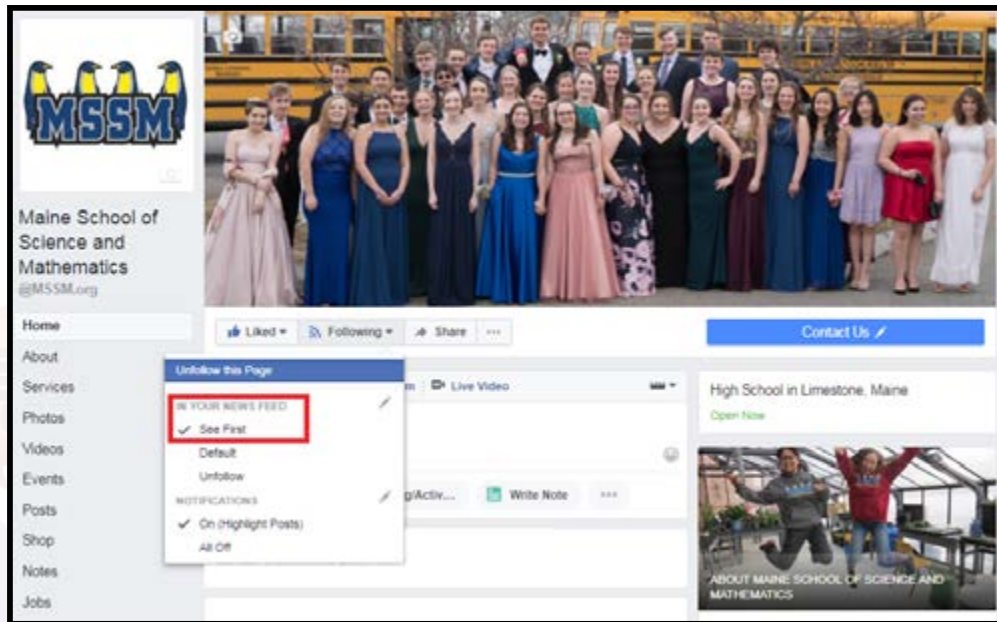
Theme: Enchanted Forrest

MSSM Prom 2018

Photos by Andrew Parker and Dr. Greg Hamlin



Social Media



Set us to See First so you never miss an update.



Like us on Facebook

www.facebook.com/MSSM.org/



Follow us on Instagram

@mssmpenguins



Follow us on Twitter

@mssmpenguins

Look for a school newspaper starting in the fall. The Penguin Gazette will be part of a new Media Club we are forming. The goal is at least once a month to have an issue. For the Media Club, students will report on stories, write articles, and take photos for use on the school's social media as well as the Penguin Gazette.



MSSM Summer Camp



The Camp for Curious Young Minds

summercamp@mssm.org

Boys' Wk 1 (Ages 10-13): July 1-7
Boys' Wk 2 (Ages 11-14): July 8-14*

*Already full

Girls' Wk 1 (Ages 11-14): July 22-28
Girls' Wk 2 (Ages 10-13): July 29-August 4

Co-ed/Capstone (Ages 12-14):
July 15-21

Mrs. Kristen Wells

MSSM Foundation Administrative Director

The Maine School of Science and Mathematics is pleased to announce the hiring of Kristen Wells as the MSSM Foundation Administrator. Mrs. Wells is a strategic planner and fundraising professional who believes in the role of nonprofits to make great things happen. Her past professional roles include Director of Development at Catholic Charities and Executive Director of Aroostook Aspirations Initiative. Doug Baston, Chair of the MSSM Foundation Board of Directors said, "I'm delighted that Kristen has agreed to join us as Administrator. She is incredibly talented and energized, and we very much look forward to working with her."



Kristen Wells
Administrative Director

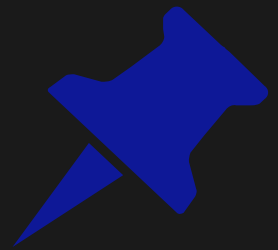
Kristen Wells believes in the roll of nonprofits to make great things happen. The MSSM Foundation is a nonprofit, 501(c)3 organization that raises funds to help advance the mission of the Maine School of Science and Mathematics. Since its creation in 1994, the Foundation and its Board of Directors have raised over \$1.5 million for student scholarships, technology investments, student activities, and professional development for MSSM's faculty and staff.

Mrs. Wells received a Bachelor's Degree from the University of Southern Maine and Graduate Certification at Boston University. Wells brings a vision of opportunity, a commitment to support the potential of youth, and passion for developing strong relationships and productive community engagement.



<https://www.mssm.org/support/ways-to-give>

Why Give?



If you ask incoming students what helped them decide to attend Maine School of Science and Mathematics, their answer might surprise you. When you ask this question again to students as they prepare for graduation, the answer is often the same.

“I found my people.”

Students come to Maine School of Science and Mathematics with an insatiable craving to learn and academic ability that extends beyond standard educational expectations. This is a unique place where curiosity and passion for learning is cultivated, supported, and encouraged by their peers, faculty, families, alumni, the Limestone community...and generous donors, like you!

You help make this unique experience possible with your donation.

Tuition is free for Maine students attending Maine School of Science and Mathematics. Your donation will help students with financial need afford room and board. Your donation will help provide technology and student experiences that extend beyond the classroom; as well as assist students

learn, explore, experience failure, and grow.

With the generosity of our donors, we awarded more than \$60,000 in scholarships and grants to MSSM students, MSSM Summer Camp participants, faculty, and staff in the past year. And this was only half of the amount that was requested! Your donation can help us provide more funding to support innovation, invention, creativity, and otherwise unmet needs of our students and faculty.

You can make a donation today on our website www.mssm.org/support/ways-to-give.

Your donation does more than support academic excellence in STEM education in Maine. Your generous gift helps create a place where great young minds can grow and thrive together. Thank you, in advance, for your gift!

In gratitude,

Doug Baston, Chair
Maine School of Math and Science Foundation
Board of Directors

MSSM's Mission



MSSM achieves its mission by:

Providing a rigorous, immersive, student-centered curriculum that emphasizes the connections between math, science, and the humanities; including post-AP courses; and culminating in opportunities for authentic research and community service. Presenting students with supportive opportunities to realize their personal and professional aspirations in Maine both through nurturing, challenging on-campus programs and through partnerships with research and higher education institutions throughout the state and beyond.

Creating a supportive, residential environment and academic community that promotes personal development, leadership, service, and academic success. Developing special programs to inspire younger students while also serving as a professional development partner for Maine's teaching community.

Philosophy

The administration, faculty, staff and Board of Trustees of the Maine School of Science and Mathematics (MSSM) are committed to providing academic excellence to enhance previous student knowledge, as well as to prepare students for future studies. The opportunity to attend MSSM is a privilege, and each student can make the most of this experience by being dedicated to the academic and residential programs. Graduates of MSSM have experienced a well-defined curriculum based upon academic standards fostering both academic discipline and honesty.

All students live in residence to fully participate in this scholastic program of excellence with students who share similar interests. The nurturing of this educational community – the integration of the academic and residential components – is crucial to success at MSSM. Students are responsible for taking advantage of the academic and extra-curricular pursuits available at MSSM and for supporting community members in both their academic and personal development.

