

Science from Scientists

Overview of the Minnesota Office

MINNESOTA LOCATION

OPENED: 2016
 c/o Braun Intertec
 11001 Hampshire Ave S
 Bloomington, MN 55438



NUMBER OF MINNESOTA STUDENTS SERVED

2017	2018
Schools: 2	Schools: 16
Students: 330	Students: 1,441
Teachers: 12	Teachers: 74



➔ 2018 MHTA Tekne Award Finalist in Workforce Development!

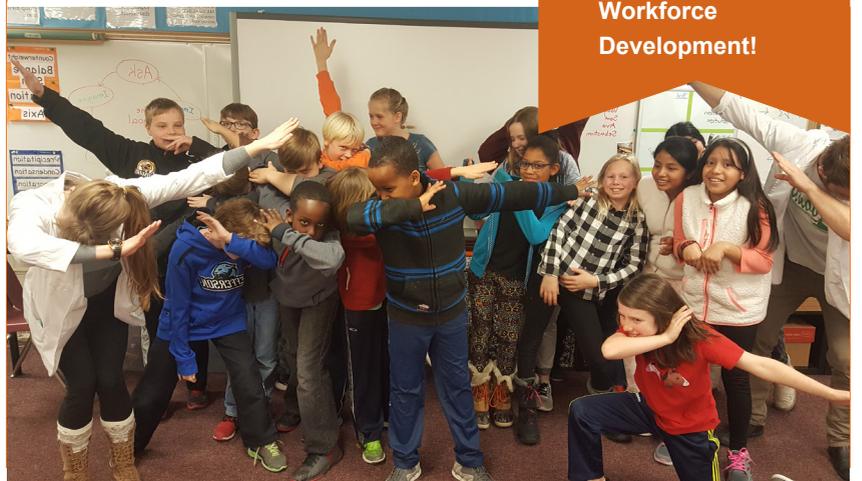
MINNESOTA LEADERSHIP



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MINNESOTA PROGRAM IMPACT: 2017-2018

+16%

Quiz improvement—lesson effectiveness and retention of lesson

+6%

Improvement in 5th-Grade Minnesota Comprehensive Assessment (MCA) in Science vs. No District-Wide Changes

APTITUDE

&

ATTITUDE

+89%

of teachers responding indicate that the SfS program has improved student interest and competence in STEM

“Science engagement increased immediately. Kids were excited to exhibit and share their learning with their classmates, other teachers, parents, and the whole school during our monthly STEAM assemblies.”

2016-2017

CLOSING THE ACHIEVEMENT GAP

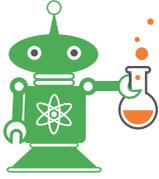
MCA scores for non-white students in the Bloomington school improved 42%, compared to 11% improvement among white students.

Students in the St. Paul school, 90% of whom identify as non-white, improved their MCA scores by 28% compared to a district-wide decrease of 5% for all students.

THANK YOU TO OUR MINNESOTA PARTNERS



SEAGATE



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OUR MINNESOTA STORY

In March 2016, a professional geologist living in Minnesota heard a National Public Radio broadcast about Science from Scientists (SfS). Listening to the students talk about how much fun they were having reminded her of that little Karlene, who, on a field trip to northern Minnesota, touched one of the oldest rocks on the planet and decided that science was cool.

With generous and insightful donations from friends, colleagues, and sponsors, the seed funds were in place to bring SfS to Minnesota for the 2016–2017 academic year.

This partnership of public, private, and government sectors brought SFS’ In-School Module-Based (ISMB) STEM Enrichment Program to Minnesota with measurable impact on student attitude and aptitudes. We “rocked” our first year, and now, 16 schools are enrolled in the program for the 2018-2019 academic year. Over 2,800 students in 24 elementary and middle schools from Bloomington to Ogema could be participating in the program over the course of the next year.



Karlene touching a greenstone in Ely, MN.

INTERESTED IN JOINING THE MOVEMENT? LET’S TALK!

Can you recall a pivotal or life-changing moment from your youth? Chances are you were immersed in an activity, experienced strong emotions or had a sudden insight, and were influenced by a role model.

By bringing the same two scientists into the same classrooms multiple times during the school year to lead the students through a variety of inquiry-based STEM lessons, we create opportunities for these pivotal, life-changing, “aha-moments” with role models for all students—regardless of circumstances or means—to encourage a wider variety of students to pursue careers in STEM fields.

We have big plans to continue our momentum in Minnesota. We’re helping to bring the Framework for K-12 Science Education into the classroom through our modules, proactively moving Minnesota ahead of other states. We’re building out professional development programs for teachers and vacation programs for students and are actively collaborating with underserved outstate communities to bring our programs to them.

Contact Karlene or Renee to learn how you can bring Science from Scientists to your community or school.



THOUGHTS FROM TEACHERS

“I am not a scientist and cannot pretend to be. The value of having real scientists in front of our children is priceless.”

“So many of my students have expressed an interest in Science for their future occupations.”

“We are so lucky to have interesting scientists who have lessons ready and great materials that we cannot afford!”



THOUGHTS FROM STUDENTS

“You have helped me learn Science. It’s so easy now. Thank you so much Science from Scientists!”

“To be honest, I loved every lesson. They were FUN! And they got stuff into my brain.”

“I used to think science was about green bubble juice that turned you into the Hulk. Now I think science is about observation, teamwork and discovering new things.”