

FUNDING APPLICATION

GENERAL INFORMATION

Organization Information

Legal Name: National Math and Science Initiative	Federal Tax ID#: 11-3769438	501(c)(3) Public Charity 509 (a)(1)
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Address: 8350 North Central Expressway, Suite M-2200	City: Dallas	State: TX	Zip Code: 75206
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Website: www.nms.org	Fax: (214) 525-3090	United Way Funded: No
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Fiscal Year: January 01 to December 31
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Head Of Organization

Name: Dr. Bernard A. Harris, Jr.	Title: Chief Executive Officer
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E-Mail Address: bharris@nms.org	Phone: (213) 525-3090
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Application Contact

Name: Renee White	Title: Director of Development	E-Mail Address: donate@nms.org	Phone: (310) 922-7294
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Has the organization applied to the Najim Family Foundation in the past and been declined? No

Grant Amount Requested \$: \$100,000	Total Project Budget \$: \$1,349,255	Organization's Annual budget \$: \$52,474,877
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Mission Statement: Advance STEM education to ensure all students, especially those furthest from opportunity, thrive and reach their highest potential as problem solvers and learners who pursue their passions and tackle the world's challenges.

PROJECT INFORMATION

Program / Project Title: To support Laying the Foundation STEM Teacher Training for San Antonio ISD.
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PROJECT TIMELINE

Start Date 07/01/2020	End Date 06/30/2021
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Harvey E. Najim Family Foundation Priorities: Education

Education Priorities: Elementary to High School

Program / Project Description:

Through our three flagship programs, Laying the Foundation teacher training program, the College Readiness Program, and UTeach, NMSI provides a comprehensive set of supports for students from elementary school through higher education. Fully implemented, the three programs work together to ensure students have the necessary knowledge and skills to thrive in STEM and builds a pipeline of students equipped to reach their highest potential as STEM-literate problem-solvers and lifelong learners. NMSI is implementing our programs in the San Antonio metro area to build on our existing work with five local districts. We plan to utilize funds requested from the Najim Family Foundation to support the Laying the Foundation teacher training as part of our larger effort in the San Antonio community.

All math, science, and English teachers from elementary, middle, and high school within selected feeder patterns will have access to NMSI's Laying the Foundation training. LTF training is hands-on and provides teachers with classroom-ready resources and instructional best practices necessary for supporting diverse groups of students and helping them build the knowledge, skills, and dispositions necessary for success in school and in the workforce. Laying the Foundation reinforces vertical team effectiveness and creates a student pathway to advanced math, science, and English instruction beginning with elementary grades. The addition of specific Vertical Team training in all NMSI-supported subject areas, as well as school-based Professional Learning Communities, will reinforce the effectiveness of LTF training across grade levels and provide teachers with touchpoints throughout the year to collaborate and refine their practice. NMSI utilizes a blended professional development model which leverages technology to provide teachers with instruction in online and in-person formats. This allows teachers choice in their professional development experience and provides live and on-demand options. This approach is also necessary as we consider the current need for flexibility. At this time, we plan to deliver all training online.

Results from studies of LTF indicate that students of LTF-trained teachers outperformed students with comparable academic achievement of teachers not receiving the LTF training across grade level and subject area. Evaluation of prior implementations demonstrated that districts participating in LTF training are outpacing statewide performance on standardized assessment tests. We expect to see similar results for students in San Antonio, along with teachers reporting increased content knowledge and use of effective instructional strategies, teachers will implement the strategies and techniques learned in NMSI trainings in their classrooms.

Evaluation Plan:

NMSI is committed to continual, rigorous program evaluation. We utilize an internal process of participant evaluation (surveys from both students and teachers) following every event and/or implementation year. NMSI routinely analyzes quantitative and qualitative data gathered from ongoing program activities to make adjustments and engages in systematic iteration of our programs based on in-depth analysis of data from our partners to ensure ongoing relevance and success.

NMSI employs a robust and efficient management structure that facilitates data sharing and analysis with our partners. A dedicated Program Manager will work with the district to ensure successful program implementation, and acting as a dialogical coach to help foster a district-wide culture of success and engage at the district and school levels to set ambitious but realistic goals, and ensure successful implementation of the program.

Plans to sustain project beyond the term of this request:

NMSI has worked alongside San Antonio districts and partners since 2017 and we will plan to work closely with administrators, as always, to ensure that the changes implemented are sustainable for our school partners. Given the shifting educational landscape, it will be critical to ensure that leaders are well-equipped with the tools necessary to serve the varying needs of their students and teachers. NMSI's coaching and resources are designed to allow leaders to take ownership over the shifts taking place in their schools and will provide a strong foundation for lasting change.

Children Impacted:

How many unduplicated children will the TOTAL PROJECT INITIATIVE impact?	How many unduplicated children will NFF REQUESTED FUNDS impact?
5,640	3,750

Please provide the percentage of each group below that will be served by the project in which funds are being requested. Do not leave any area blank. If that specific group will not be served, include zero. The percentage should total 100%.

A. Population Served Age		B. Population Served Ethnicity	
Infants (0-5)	0%	African American	7%
Children (6-13)	0%	Asian American	1%
Young Adults (14-18)	100%	Caucasian	12%
TOTAL:	100%	Hispanic/Latino	79%
		Native American	0%
		Other and Define	1%
		TOTAL:	100%

City Council District for Which Children are Being Served:
 District1, District2, District3, District5, District8, District9

Line item Budget:

Line Item Description	Total Project Funds Allocation	Najim Funds Allocation
Laying the Foundation Training	\$616,000	\$100,000
Leadership Development	\$44,000	\$0
College Readiness Program	\$475,000	\$0
Program Management	\$142,714	\$0
Indirect Costs	\$71,541	\$0
TOTAL:	\$1,349,255	\$100,000

OTHER FUNDING RESOURCES

For Project being Requested: Funding sources and amounts, pending and committed.

PROJECT - PENDING

Funder Name	Amount Requested
CPS	\$40,000
TOTAL:	\$40,000

PROJECT - COMMITTED

Funder Name	Amount Requested
Toyota USA Foundation	\$1,250,000
TOTAL:	\$1,250,000

Other funding sources and amounts, pending and committed not specific to this request.

ALL OTHER ORGANIZATION REQUESTS - PENDING

Funder Name	Amount Requested
National Science Foundation	\$238,670
U.S. Department of Defense	\$2,999,833
The Brown Foundation	\$250,000

Booz Allen Foundation	\$100,000
AT&T	\$100,000
Boeing	\$90,000
American Honda Foundation	\$75,000
The Cullen Foundation	\$50,000
The Thomas M., Helen McKee, & John P. Ryan Foundation	\$50,000
TOTAL:	\$3,953,503

ALL OTHER ORGANIZATION REQUESTS - COMMITTED

Funder Name	Amount Requested
U.S. Department of Education	\$34,002,646
U.S. Department of Defense	\$37,867,356
Texas Instruments Foundation	\$4,548,000
Koret Foundation	\$2,000,000
BAE Systems	\$1,000,000
ExxonMobil Foundation	\$60,000,000
O'Donnell Foundation	\$4,578,752
Bechtel	\$442,125
Fund II Foundation	\$700,000
Genentech	\$200,000
Grainger Foundation	\$2,186,650
Howard Hughes Medical Institute	\$22,100,000
nVent Foundation	\$10,000
Toyota USA Foundation	\$1,250,000
Silicon Valley Community Foundation	\$1,500,000
TOTAL:	\$172,385,529

BOARD OF DIRECTORS

What percentage of your board contributes financially to the organization?

1%

If Board giving is not at 100%, please explain why?

NMSI's Board members were selected based on their expertise in STEM fields and education to lend legitimacy to the organization at its founding. NMSI has retained the majority of its original board in the decade since its founding. Fundraising has not been a primary charge of the organization's board members. Rather, they Board primarily supports the organization by providing their expertise on our programs. However, Board members have over the years supported NMSI in making connections to funding entities or belong to organizations or companies that have funded NMSI.

How are board members expected to participate in your organization?

To-date, board members primarily provide oversight and direction for the organization's programs due to their expertise in education and STEM fields.

LIST OF BOARD DIRECTORS

Name & Office Held	Corporate Affiliation
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Shirley Malcom, Ph.D., Chairwoman	American Association for the Advancement of Science
Bruce Alberts, Ph.D.	University of California, San Francisco
Tom Arsenault	BAE Systems, Inc.
Kenneth Cohen	ExxonMobil Corp.
Nancy S. Grasmick, Ph.D.	Maryland Department of Education
Jamison Monroe	Monroe Vos Consulting Group
Mary Ann Rankin, Ph.D.	University of Maryland, College Park
Susan Sclafani	National Center on Education and the Economy
Lawrence Warder	Deloitte Consulting
Signature	
Renee White	