



## ► Why should your School participate in the study?

The educational needs of LEP students are unique. LEP gifted students are advanced and motivated to learn but their strengths are usually not recognized. They usually receive little differentiated instruction or curriculum according to their level of advancement.

The Mentoring Mathematical Minds (M3) program addresses the LEP students' needs directly by recognizing their strengths in math and using these strengths to augment their English language development. The advanced and motivating curriculum offered by M3 has shown to be effective in increasing the math achievement of gifted students in high poverty urban schools. This study is funded by U.S. DOE under the Javits Gifted and Talented Students Education Act and seeks to expand the implementation of M3 program in four states — New York, New Jersey, Florida and California.

This project is a cooperative effort between schools and researchers to find more responsive ways of scaffolding learning, linguistically and academically, for LEP gifted students nationwide.

## Potential Benefits for Schools

- LEP students' math achievement and English Language proficiency will be improved.
- Teachers' expertise in math and ESL instructions will be improved.
- Schools will be provided with enrichment resources.
- Achievement of all students in the school will be improved as "A rising tide lifts all boats."

## Research Team

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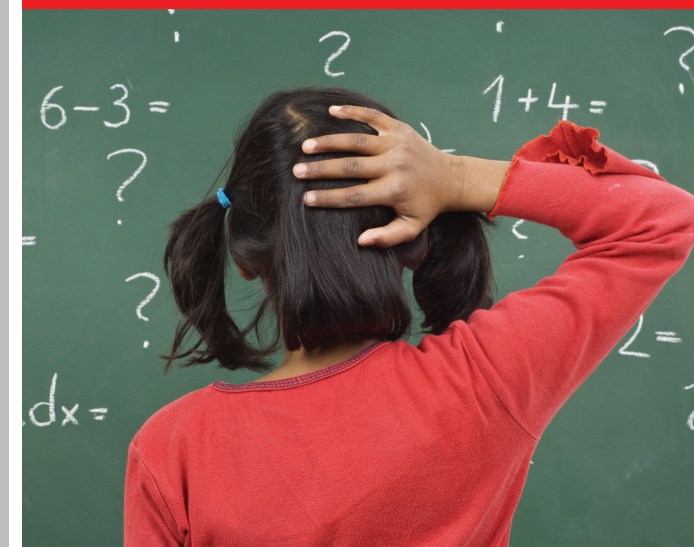
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For more information about **PROJECT HOPE**, please contact SEOKHEE **CHO**, Ph.D. at: **(718) 990-1303** or **chos1@stjohns.edu**



DO YOU WANT TO  
IMPROVE YOUR STUDENTS'  
**MATH  
ACHIEVEMENT?**

JOIN OUR **PROJECT HOPE**  
the Javits Grant Research!



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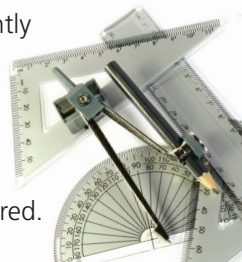


► **We provide you with an accelerated and Enriched Math Curriculum for promising LEP students**

**PROJECT HOPE** is a five-year longitudinal study designed to implement and evaluate the effectiveness of Mentoring Mathematical Minds (M3) program, a challenging and motivational curriculum for grades 3 – 5 LEP students. The first phase of the study will take place in New York, with scale-up to follow in three other states, New Jersey, Florida and California.

The M3 program is a research-based mathematics curriculum for promising students. It was developed as acceleration and enrichment approach with emphasis on students' communication skills to achieve a mathematician-way of problem solving.

The M3 program consists of four units each for Grades 3 – 5, spanning 35 – 40 sessions (45-minute session) per grade. It can be implemented as an afterschool program or integrated into the school's curriculum for promising students. The curriculum will be supplemented with ESL instruction and linguistic scaffolding to enhance LEP students' math achievement. LEP students should also be able to learn English more efficiently through the M3 program, since the model emphasizes communication skills in a situation where their strengths in math are recognized and nurtured.



**Frequently Asked Questions**

The M3 program was developed by Dr. Katherine Gavin at University of Connecticut, through a five-year Javits grant. It has shown to be effective in increasing the math achievement of gifted students in high poverty urban schools.

**Q. Who can participate in the study?**  
**A.** Schools in NY, NJ, FL and CA that will allow teachers to progress from Grades 3 – 5 with the same group of students can participate. Participating schools should also have at least 10 eligible ELL students and one eligible teacher. We prefer participating teachers to have had experience of teaching LEP students. Participating students should be LEP students who have shown promising abilities in math.

**Q. What is expected of participating schools and teachers?**  
**A.** Full three-year commitment arrangement is expected in order to implement the program thoroughly and assess the students' progress from starting Grade 3 and ending in Grade 5. Schools will be responsible for administering assessments according to the study guidelines. Teachers are required to participate in in-person training for the first two years, and online training for the last year.

**Q. What types of professional developments do you offer?**  
**A.** Teachers will receive training from experts in gifted education, mathematics and ESL instructions for each year of participation, in the form of in-person and online seminars. Training stipend will be paid to participating teachers.

**Q. What types of resources do you provide?**  
**A.** We will provide all teachers' guides, student math workbooks, assessment materials and scoring services.



**PROJECT HOPE**  
the Javits  
Grant Research

Name of the School: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_

State: \_\_\_\_\_ Zip code: \_\_\_\_\_

Name (Contact Person): \_\_\_\_\_

Title (Contact Person): \_\_\_\_\_

Tel \_\_\_\_\_

Fax \_\_\_\_\_

E-mail \_\_\_\_\_

*Please answer the following questions:*

Does your school have an ESL program?

☐ Yes ☐ No

How many ELL students in each grade are in your school?

• Grade 3 \_\_\_\_\_

• Grade 4 \_\_\_\_\_

• Grade 5 \_\_\_\_\_

**To apply for participation in this study, please contact:**

**(Application deadline: Dec. 31, 2009)**

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