



# MATHEMATICAL STAIRCASE, INC.

## Mathematical Staircase, Inc. 2015 Annual Summary Report

In 2015, the Mathematical Staircase Inc. Board met four times electronically (over Google+ Hangouts) and took one? action by written consent. Additionally, we revised our Continuity of Operations plan, and a committee of the Board deliberated and issued compensation decisions.

We were awarded \$8,250 for MathILy financial aid from the American Mathematical Society Epsilon Fund in February 2015. We submitted three corporate funding proposals over the year, one of which was unsuccessful and the other two of which are pending.

On behalf of our first project, MathILy, we authorized a contract with Bryn Mawr College for summer 2016 and submitted a grant proposal to the American Mathematical Society Epsilon Fund in December 2015.

We initiated a second project, MathILy-Er. On behalf of MathILy-Er, we authorized a contract with the University of Oregon for summer 2015 and submitted a grant proposal to the American Mathematical Society Epsilon Fund (separate from the MathILy proposal) in December 2015.

### Mathematical Staircase, Inc. Mission Statement

Our mission is to educate mathematically talented secondary and tertiary students, particularly those who lack sufficient educational, financial, or social resources in their homes or schools to realize their potential. We believe in training program participants in mathematical thinking and writing, in mentoring program participants in their ongoing educational and career paths, and in training program instructors in discovery- and inquiry-based pedagogy.

### Mathematical Staircase, Inc. Board of Directors

dr. sarah-marie belcastro, President and Chair of the Board

Hannah Alpert, Clerk and Secretary of the Board

Joan M. Belcastro, Treasurer

Dr. Emily Peters

Dr. Joshua Greene

Biographies of directors are posted on the Mathematical Staircase, Inc. website.

### Status of Mathematical Staircase, Inc. Projects

Currently Mathematical Staircase, Inc. has two projects:

- (1) MathILy, short for "serious Mathematics Infused with Levity," is an intensive residential summer program for mathematically gifted high-school students. MathILy ran successfully with 26 students at Bryn Mawr College in 2015, and will run again at Bryn Mawr in 2016. A 5-page report on MathILy 2015 is available on the Mathematical Staircase, Inc. website.
- (2) MathILy-Er, short for "MathILy, Earlier," is similar to MathILy, but is adapted for students who are slightly earlier in their chronology or mathematical development. MathILy-Er ran successfully

with 15 students at the University of Oregon in 2015, and will run again at a campus yet to be determined in 2016. A 5-page report on MathILy-Er 2015 is available on the Mathematical Staircase, Inc. website.

### **Financial Summary for 2015**

Income:

Donations \$2162.35  
Restricted Donations \$2000  
Grants–Restricted (MathILy Financial Aid) \$8250  
MathILy student fees \$104,565  
MathILy-Er student fees \$62,357.65

Expenses:

Administrative Expenses \$182.66  
Insurance (includes {MathILy, MathILy-Er}) \$3249  
MathILy Expenses \$95,472.49  
MathILy-Er Expenses \$54,839.36

Income – Expenses = \$179,335 – \$153,743.51 = \$25,591.49.

*This summary report is prepared as per the Mathematical Staircase Inc. Reporting and Review Policy and posted on the Mathematical Staircase, Inc. website.*