



MATHEMATICAL STAIRCASE, INC.

Mathematical Staircase, Inc. 2013 Annual Summary Report

In January 2013, Mathematical Staircase Inc. was incorporated as a nonprofit corporation in the Commonwealth of Massachusetts. Our Articles of Incorporation may be obtained from the Secretary of the Commonwealth's website.

In the first four months of 2013, Mathematical Staircase, Inc. registered with the Massachusetts Attorney General's Office for the purposes of conducting business and soliciting donations within the Commonwealth. We applied for and received sales/use tax exemption for the State of Pennsylvania and applied for and received federal 501(c)(3) status.

Over the year, we designed and mounted a logo and website, created a GuideStar profile, generated and approved policy documents

- Whistleblower Policy
- Reporting and Review Policy
- Nondiscrimination Statement
- Background Checks Policy
- Records Retention and Destruction Policy
- Crisis Response Plan template
- Continuity of Operations Plan
- Staff Application Form
- Sexual Abuse and Harrassment Policy,

and adopted a practice of including mathematical theorems among our Board resolutions.

We took several actions on behalf of our first project, MathILy:

- We appointed members of the MathILy Advisory Amalgam.
- We collated wage-comparison data and agreed on a payscale for MathILy independent contractors.
- We authorized contracts with Bryn Mawr College for MathILy 2013 and MathILy 2014.
- We authorized the hiring of MathILy Assistants.
- We acquired a laptop for the MathILy Assistant's use.
- We submitted grant proposals and inquiries to the NSF (DMS-MCTP solicitation), the Templeton Foundation, Google (RISE), and the American Mathematical Society (Epsilon Fund). (Note: the first three were rejected, and the fourth is pending.)

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 exactly one project. This is MathILy, short for "serious Mathematics Infused with Levity," and is an intensive residential summer program for mathematically gifted high-school students. MathILy ran successfully with 16 students at Bryn Mawr College in 2013, and will run again at Bryn Mawr in 2014. Presumably there will be more students involved in 2014 as a significant number of potential applicants have shown interest near the end of 2013. A 5-page report on MathILy 2013 is available on the Mathematical Staircase, Inc. website.

Financial Summary for 2013

Income:

Donations \$16,500

Restricted Donations (MathILy Financial Aid) \$1700

MathILy student fees \$74,995

Expenses:

Administrative Expenses \$95.95

Startup Expenses \$1004.15

Insurance (includes MathILy) \$938

MathILy Expenses \$69,651.90

Income - Expenses = \$93,195 - \$71,689.98 = \$21,505.02

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