



**2016-2017 By the Numbers  
(Sept. 1, 2016 – Aug. 31, 2017)**

**Faculty/Staff (4)**

Faculty Director: 0.5 FTE  
Program Administrator: 0.8 FTE  
Summer Faculty Directors (2): 0.2 FTE each

**Hope student experiential learning (133)**

Summer Staff: 19 full time, 2 part-time  
Middle School Girls Day: 30 students  
Scout program volunteers: 44 students  
Brain Day volunteers: 35 students  
Air quality monitoring and Step Up: 3 students

**Summer program participants (1090)**

Summer weeklong camps: 1064 K-12 students  
Summer Step Up: 21 middle school students  
Teacher training: 5 K-12 teachers

**Academic year programming events (8) participants(1055)**

Boy/Girl Scout programs: 4 badge days, 326 participants  
Middle School Girls Day: 65 participants  
Brain Day: 158 students, 104 adult participants  
Step Up Engineering Days: 46 participants  
Air quality monitoring project: 348 middle and high school students, 8 teachers

**Grants (\$59,258)**

Michigan Space Grant Consortium – Air Quality Monitoring: \$28,640  
Michigan Space Grant Consortium – Engineering the Future: \$24,818  
Teach for Energy Futures: \$800  
ASME Environmental Education Grant: \$5,000

**Other income (\$169,115)**

Summer program tuition: \$146,045  
Academic year programming: \$6,278  
Crowdfunding \$9,009  
Hope College Dean for Natural and Applied Sciences: \$1,903  
Frost Center Evaluation Grant: \$2,000  
Brain Day: \$3,880

**Ensuring program access (\$13,552 internal/\$15,400 external)**

- \$2,987 in summer camp scholarships
- \$8,500 Step Up summer program sponsorship
- \$15,400 Noble Network of Charter Schools student summer camp sponsorship
- \$2,065 sponsored high achieving high school student experiences

**On-campus partnerships (12+)**

- Step Up – grant writing/programming partnership
- Musical Arts Academy – leadership/programming partnership
- Holland/Hope College Sustainability Institute – grant writing partnership
- CASA – programming partnership
- Middle School Girls STEM Day – coordinated student club involvement
- Neuroscience Program – Brain Week events
- Natural and Applied Sciences Student Groups outreach engagement (6)

**Community partnerships (16+)**

- Air Quality Monitoring project – 2 professionals/7 schools
- Grand Valley State University Regional Math and Science Center
- West Michigan Environmental Action Council
- Third90 Network
- Boy Scouts President Ford Field Service Council
- Girl Scouts of Michigan Shore to Shore Council
- Holland Christian High School Winterim
- Collective Idea
- Multiple school visits and tours
- Summer Science Camp special guests

**Presentations**

- “Hope College Air Quality Monitoring in the Middle and High School Grades.” Michigan Space Grant Consortium Grantees Conference, Ann Arbor, Michigan. October 2016.
- “Integrating STEM for Middle School Enrichment.” GVSU Regional Math and Science Center - Fall Science Update, Allendale, Michigan. November 2016.
- “Engineering the Future – Exploring Engineering Design in the Michigan Science Standards.” Michigan Science Teachers’ Association – Annual Conference, Lansing, Michigan. March 2017.
- “Development of Inexpensive Air Quality Monitors as a STEM Teaching Tool.” Celebration of Undergraduate Research and Creative Performance, Hope College. Holland, Michigan. April 2017.

**Media**

- “Popular Science Camps for K-12 Students Marks 20 Year Anniversary,” Hope College Press Release, May 30, 2017.
- “Students Study Air Quality with Monitors,” Holland Sentinel, June 4, 2017.
- “Hope College Summer Science Camps – 20 Years of Learning,” Holland Sentinel, June 28, 2017.
- “STEM + FUN = EXPLOREHOPE,” Hope College Life in Orange and Blue Blog.