



**2017-2018 By the Numbers
(Sept. 1, 2017 – Aug. 31, 2018)**

Staff (6; 1.55FTE)

Faculty Director: 0.5 FTE
Curriculum Director: 0.25 FTE
Summer Faculty Directors (4): 0.2 FTE each

Student experiential learning (126)

Summer Staff: 22 full time, 4 part-time
School visits: 7 students
Scout program volunteers: 40 students
Brain Day volunteers: 50 students
Air quality monitoring and Step Up: 3 students

Summer program participants (1113)

Summer weeklong camps: 1022 K-12 students
Holland Public School Summer STEM Program: 63 4th/5th graders
Summer Step Up: 24 middle school students
CASA summer enrichment: 78 elementary students
Teacher training: 4 K-12 teachers

Academic year programming events (9) participants (1380)

Boy/Girl Scout programs: 6 badge days, 380 participants
School Visits: 112 participants, 5 teachers
Brain Day: 400 students, 240 community participants
Step Up Engineering Days: 35 participants
Air quality monitoring project: 200 middle and high school students, 8 teachers

Grants Awarded (\$94,411)

Michigan Space Grant Consortium – Air Quality Monitoring: \$39,701
Michigan Space Grant Consortium – Engineering the Future: \$37,710
Engineering Information Network: \$12,000
Holland Junior Welfare League: \$2,861
ASME Environmental Education Grant: \$5,000

Program income (\$162,930)

Summer program tuition: \$145,270
Academic year programming: \$8,753
Donations \$1,870
Hope College Dean for Natural and Applied Sciences: \$1,903
Partnerships/sales: \$3,934
Brain Day: \$1,200

Program Access

\$3,652 in summer camp scholarships (49 students)

\$7,894 Step Up summer program sponsorship (24 students/3 Hope student staff)

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

Nursing/Computer Science camp support partnerships

Neuroscience Program – Brain Week events

Natural and Applied Sciences Student Groups outreach engagement

Chemistry Club, Helping Minds, Society of Women Engineers, Tri Beta, Women in Science and Engineering, Society of Physics Students, Hope Student Nurses Association, Club Animalia and the Biochemistry/Molecular Biology Club

Community Partnerships (14+)

Air Quality Monitoring project – 2 professionals/7 schools

Grand Valley State University Regional Math and Science Center

Third90 Network

Boy Scouts President Ford Field Service Council

Girl Scouts of Michigan Shore to Shore Council

Collective Idea

Multiple school visits and tours

Summer Science Camp special guests

Presentations/Posters

“Hope College Air Quality Monitoring in the Middle and High School Grades.”

Michigan Space Grant Consortium Grantees Conference, Ann Arbor, Michigan. October 2017.

“Engineering the Future Academies.” Poster at Michigan Space Grant Consortium Grantees Conference, Ann Arbor, Michigan. October 2017.

“Authentic Data Experiences with Portable Air Quality Monitors” GVSU Regional Math and Science Center - Fall Science Update, Allendale, Michigan. November 2017.

“Engineering the Future Academies” Celebration of Undergraduate Research and Creative Performance, Hope College. Holland, Michigan. April 2018.

Media

“Summer is time to spur kid’s natural curiosity,” Holland Sentinel, June 4, 2018.

“Registration Underway for Hope College Science Camps,” May 14, 2018.

“Michigan Space Grant Consortium Supports Several Projects,” March 7, 2018.

“Activities for Children and Lecture on the Implications of Brain Science Scheduled on March 1 and 3 in Advance of National Week,” February 19, 2018.