



**2020-2021 By the Numbers  
(Sept. 1, 2020 – Aug. 31, 2021)**

**Staff (6; 1.85FTE)**

Faculty Director: 0.5 FTE  
Associate Director: 0.25 FTE  
Program Administrator: 0.5FTE  
Summer Directors (3): 0.2 FTE each

**Student experiential learning (74)**

Summer Staff: 18 full time  
Casa/Step Up/School visits: 2 students  
Saturday program volunteers: 18 students  
Brain Day volunteers: 34 students  
Student organization outreach chairs: 2 students

**Summer program participants (884) *\*pandemic summer***

Summer weeklong camps: 782 K-12 students  
Holland Public School Summer STEM Program: 36 4<sup>th</sup>/5<sup>th</sup> graders  
Summer Step Up: 12 middle school students  
CASA summer enrichment: 50 elementary students  
Teacher collaborations: 4 K-12 teachers

**Academic year programming events (23) participants (1,166)**

Girl Scout programs: 4 badge days, 183 participants  
School Visits: 243 participants, 6 teachers  
Brain Day: 433 K-12 students, 28 community participants  
Virtual Sessions: 24 participants  
CASA/Step Up Engineering Sessions: 85 participants  
Air quality monitoring project: 158 middle and high school students, 6 teachers

**Grants (\$118,516)**

Community Foundation of Holland/Zeeland - \$10,000  
DiscoverE Engineers Week - \$720  
Army Education Outreach Program - \$12,848  
Michigan Space Grant Consortium – Preparing Future STEM Teachers: \$15,000  
Michigan Space Grant Consortium – Engineering the Future: \$15,000  
Michigan Space Grant Consortium – Undergraduate Research: \$3,000  
ASME Environmental Education Grant: \$5,000  
Andrew W. Mellon Foundation Community Based Partnerships - \$49,994  
American Association of University Women – \$6,954

**Other income (\$128,336)**

Summer program tuition: \$114,840  
Academic year programming: \$2,743  
Donations \$4,980  
Hope College Discretionary: \$900  
Brain Day: \$4,873

**Diversity/Equity/Inclusion**

Facilitated inquiry-based projects for CASA and Step Up  
Facilitated summer camp for low socio-economic students at Holland Public Schools  
Grant and scholarship programs supporting 44 summer campers valued at \$6,865

**On-campus partnerships**

CASA/Step Up – grant writing/program partnership  
Holland/Hope College Sustainability Institute – grant writing/program partnership  
Nursing/Kinesiology/Computer Science camp support partnerships  
Engineering NSF Broader Impacts programming  
Neuroscience Program – Brain Week events  
Natural and Applied Sciences Student Groups outreach engagement

**Community Partnerships**

Air Quality Monitoring project – 2 community professionals/6 schools  
Grand Valley State University Regional Math and Science Center  
Holland Museum  
Girl Scouts of Michigan Shore to Shore Council  
Multiple school visits and tours  
Summer Science Camp special guests

**Presentations/Posters**

Ipri Brown, S., Presenter. Fall Science Update, Seminar, "Watershed Field Experiences - Providing Local Perspective to your Students," Grand Valley State University Regional Math and Science Center, on-line, Allendale, MI, United States. (November 12, 2020).  
Dummer, C. A., Presenter, Slenk, E., Presenter, Ipri Brown, S., Non-Presenting Contributor. MSGC Fall Conference, Lecture, "Engineering the Future - A Hands-on Virtual STEM Experience for High Need Students," On line. (October 17, 2020).  
Ipri Brown, S., Mentor Only, Not Co-Contributor, Bartley, M., Presenter. MSGC Fall Conference, Lecture, "Student Impact in ExploreHope Academic Outreach," Michigan Space Grant Consortium, On line. (October 17, 2020).  
Ipri Brown, S., Presenter, Gersonde, N., Presenter. MSGC Fall Conference, Lecture, "Virtual Reality STEM, Real Life Careers," Michigan Space Grant Consortium, On line. (October 17, 2020).

**Media**

Blog "2021 ExploreHope Science Camps" Hope College Blog Network. June 11, 2021  
Blog "Summer of STEM: Prehistoric Planet" Hope College Blog Network. July 8, 2021  
Blog "Summer of STEM: Step Up!" Hope College Blog Network. July 5, 2021