NSF & VERMONT

In Fiscal Year (FY) 2018, the National Science Foundation made $19,389,000 in awards to Vermont in support of fundamental research, advanced technical education, entrepreneurial training, STEM teacher training, long-term ecological monitoring, small business development, major research instrumentation and more.

DID YOU KNOW?

DISCOVERY | Armed with a five year, $16,000,000 EPSCoR Research Infrastructure award, seven academic institutions within Vermont will leverage existing and new investments in technology, computational resources and human resources, with the goal of developing predictive and decision-making tools for improving drinking water quality and protecting natural and human infrastructure in the face of increasing extreme weather events near Lake Champlain and its surrounding watershed areas.

STEM WORKFORCE DEVELOPMENT | Two institutions in Vermont participate in NSF’s CyberCorps: Scholarship for Service program, which is designed to recruit and train the next generation to meet the needs of the cybersecurity mission for federal, state, local and tribal governments. The program provides scholarships for up to three years of support for cybersecurity undergraduate and graduate education and, in return, recipients agree to work after graduation for the U.S. government in a position related to cybersecurity.

SUPPORTING STUDENTS | Vermont’s Saint Michael’s College is the recipient of a $999,989 award through NSF’s Scholarships in Science, Technology, Engineering, and Mathematics (S-STEM) program. The program supports the retention and graduation of high-achieving, low-income students with demonstrated financial need. The project at St. Michael’s College will provide scholarships to students who are pursuing bachelor’s degrees in life sciences, in combination with a major or minor in mathematics, computer science or statistics. Throughout its five years of funding, the project will fund 20 scholarships in five groups of four students.

SCIENCE & ENGINEERING (S&E) INDICATORS | 4.25 percent of the Vermont workforce is employed in S&E occupations and 7.51 percent of Vermont business establishments are industries with high employment in science, engineering and technology occupations.¹

COMPETITIVE RESEARCH | NSF made $18,639,000 in awards to Vermont academic institutions.