

**Jacqueline Huntoon, Ph.D.**  
Provost and Senior Vice President for  
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Michigan Technological University



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Jacqueline Huntoon is a geologist by training who has worked extensively with K-12 science teachers, including teachers from low-income and high-need districts. Huntoon is a former National Science Foundation (NSF) program officer for Diversity and Education in the Directorate for Geosciences (2003-2005). Since completing her term at NSF, Huntoon served as dean of the graduate school (2005-2015) and as provost and senior vice president for academic affairs (since 2015) at Michigan Technological University. Through her work, she has become familiar with education policy and challenges related to STEM education.

Huntoon has remained engaged in scholarly and instructional activities even while serving as a university administrator. From 2009-2016 she helped to lead an NSF-funded Math Science Partnership (MSP) project that improved science, technology, engineering, and mathematics (STEM) teaching and learning and enhanced teachers' leadership skills. For many years she has taught a field course that engages practicing teachers in learning geology in and around southern Utah's National Parks. She currently leads an NSF-funded Robert Noyce Teacher Scholarship Program project that is developing a cadre of teacher-leaders prepared to implement research-based STEM-education reforms. She is also currently involved with a STEM-education effort in Michigan known as Mi-STAR (Michigan Science Teaching and Assessment Reform). This initiative brings together university faculty, K-12 teachers, and others who are collaborating to develop a new middle-school curriculum and associated professional learning materials that are fully aligned with the Michigan Science Standards and the Next Generation Science Standards.

Huntoon has served on many committees and boards related to STEM and education, including the Executive Committee of the Council on Academic Affairs of the Association of Public and Land-Grant Universities, the Board of the Michigan Science Teachers Association, the Graduate Record Exam Board, and many others. In 2016, in recognition of her scholarship in STEM education and the geosciences, Huntoon received the prestigious Charles L. Hostler Alumni Scholar Medal by The Pennsylvania State University. In 2019, Huntoon received the George G. Mallinson Award for Lifetime Achievement in the Field of Science Education from the Michigan Science Teachers Association and was named a Notable Woman in STEM by Crain's Detroit Business.