



Measurement Science and Engineering (MSE)  
FY2020 Financial Assistance Awards

RECIPIENT	TITLE	FUNDING FY 2020	TOTAL AWARD
<b>American National Standards Institute (ANSI)</b>	Secretariat for ISO/IEC JTC 1/SC 37, Biometrics	44,000	44,000
<b>Board of Trustees of the Leland Stanford Junior University</b>	A Taxonomy of AI Risk	249,620	249,620
<b>Concordia University</b>	Application of Machine Learning in Kinetic-Based Micro Energy Harvesting for Wearable IT Health Devices	36,570	36,570
<b>George Washington University</b>	Quantifying & Explaining Human-Like Biases in Visual Semantics	192,033	192,033
<b>Georgia Tech Research Corp</b>	Adversarial Machine Learning Towards Metrics for Evaluating	157,907	157,907
<b>Identification Technology Partners, Inc.</b>	Technical & Administrative Support for Biometrics Standards	450,000	450,000
<b>Michigan State University</b>	Towards Synthesizing One Billion Fingerprints	95,000	95,000
<b>National Academies of Sciences</b>	Forum on Cyber Resilience	100,000	100,000

<b>Pennsylvania State University</b>	Building a Pattern-based APT Recognition System with AI Techniques	78,385	78,385
<b>Trustees of Indiana University</b>	Generalized Data Analytics Services	60,000	60,000
<b>University of Arkansas</b>	Real-Time Detection in Access Control Rules Using Logic Circuits	79,903	79,903
<b>University of Central Florida Board of Trustees</b>	Phishing Tails - An Examination of the Individual Traits of Repeat Clickers & Protective Stewards	210,000	210,000
<b>University of Edinburgh</b>	Implementable Uniform and Exponentially Improved Asymptotics	146,745	146,745
<b>University of Maryland</b>	Effectiveness & Scalability of Robustness Certification Against Adversarial Attacks	287,460	287,460
<b>University of Maryland</b>	Learning the Division of Labor between Technicians & Policymakers: An Open Source Toolkit & An Initial Case Study	263,081	263,081
<b>University of Texas at Dallas</b>	Detection of Advanced Persistent Threats Using Machine Learning Techniques	64,719	64,719
<b>Villanova University</b>	Efficient Hardware Implementation of Lattice Based Post Quantum Cryptography	199,904	199,904