

TCUP Awardees 2026

TSIP: Artificial Intelligence Concentration in the Computer Science program

Award Number: 2622730|Principal Investigator: Frank A Stomp |Co-Principal Investigator: Bhagya M Patil bpatil@navajotech.edu |Organization: Navajo Technical University |NSF Organization: DUE |Start Date: 10/01/2026|Award Amount: \$344,326.00

TEA Center: Center for Environmental Research and Innovation

Award Number: 2535470|Principal Investigator: Allen K Derks |Co-Principal Investigator: |Organization: White Earth Tribal and Community College |NSF Organization: DUE |Start Date: 09/01/2026|Award Amount: \$2,500,000.00

TEA Center Renewal: Environmental Research Center

Award Number: 2617786|Principal Investigator: Jeffrey S Hooker |Co-Principal Investigator: Gary Ramsey gary@cdkc.edu, Dianna D Hooker dianna@cdkc.edu |Organization: Chief Dull Knife Memorial College |NSF Organization: DUE|Start Date: 09/01/2026 |Award Amount: \$2,500,000.00

TSIP: Enhancing Academic Experiences within Applied Research, AI Integration, and Workforce Readiness

Award Number: 2607951|Principal Investigator: Timothy Raymond |Co-Principal Investigator: Rehab Alhajjar ralhajjar@kbocc.edu |Organization: Keweenaw Bay Ojibwa Community College |NSF Organization: DUE |Start Date: 09/01/2026 |Award Amount: \$700,000.00

TSIP: Building Sustainable Undergraduate Research Pathways through Academic-Year Internships and Near-Peer Mentorship

Award Number: 2622822|Principal Investigator: Melissa Peacock |Co-Principal Investigator: |Organization: NORTHWEST INDIAN COLLEGE |NSF Organization: DUE |Start Date: 08/15/2026 |Award Amount: \$700,000.00

An Interactive Dashboard for Showcasing Institutional, Economic, and Community Outcomes of the Tribal Colleges and Universities Program

Award Number: 2627491|Principal Investigator: Gary Silverstein |Co-Principal Investigator: |Organization: Westat Inc |NSF Organization: DUE |Start Date: 08/15/2026 |Award Amount: \$900,000.00

Planning: Aaniiih Nakoda College Partnership: Collaborative International Research, Culture, and Learning Experience

Award Number: 2629595|Principal Investigator: Steven D Dupuis |Co-Principal Investigator: |Organization: Aaniiih Nakoda College |NSF Organization: DUE |Start Date: 08/15/2026 |Award Amount: \$299,208.00

Computing Education and Transfer: Computer Science

Award Number: 2622762|Principal Investigator: Lee S Slater |Co-Principal Investigator: Polly M Dupuis polly_dupuis@skc.edu |Organization: Salish Kootenai College |NSF Organization: DUE |Start Date: 08/15/2026 |Award Amount: \$750,000.00

SGR: A Bioinspired Robotic Wing to Study Swimming in Birds and Improve Ocean Monitoring

Award Number: 2611878|Principal Investigator: Anthony B Lapsansky |Co-Principal Investigator: |Organization: NORTHWEST INDIAN COLLEGE |NSF Organization: DUE |Start Date: 08/15/2026 |Award Amount: \$200,000.00

Conference: TCUP Annual Research Symposium

Award Number: 2622380|Principal Investigator: Anita B Parisien Frederick |Co-Principal Investigator: |Organization: Tribal Nations Research Group |NSF Organization: DUE |Start Date: 08/01/2026 |Award Amount: \$1,266,301.00

CAIG: Prediction of Groundwater Uranium Contamination using Physics-Informed and Casual AI Methods

Award Number: 2615603|Principal Investigator: Bhagya M Patil |Co-Principal Investigator: Madasamy Arockiasamy arockias@fau.edu, Sudhagar Nagarajan snagarajan@fau.edu, Xiaolang Zhang xiaolangzhang@fau.edu, Chhabilal Regmi c.regmi@navajotech.edu |Organization: Navajo Technical University |NSF Organization: RISE |Start Date: 08/01/2026 |Award Amount: \$599,799.00

Conference: Workshop on Dine AI Innovation HUB at NTU

Award Number: 2627955 |Principal Investigator: Jason K Arviso |Co-Principal Investigator: |Organization: Navajo Technical University |NSF Organization: DUE |Start Date: 07/15/2026 |Award Amount: \$100,000.00

CHAI - Strengthening Cyber Infrastructure for Enhanced STEM Education and Research at TMC

Award Number: 2628430|Principal Investigator: Tracy Azure |Co-Principal Investigator: |Organization: Turtle Mountain Community College |NSF Organization: DUE |Start Date: 07/15/2026 |Award Amount: \$250,000.00

TSIP: Building a Student Research and STEM Pathway at FDLTCC

Award Number: 2531058 |Principal Investigator: Courtney Kowalczak |Co-Principal Investigator: |Organization: Fond du Lac Tribal and Community College |NSF Organization: DUE |Start Date: 07/01/2026 |Award Amount: \$500,000.00

CHAI: Increasing Cyberinfrastructure Security at Red Lake Nation College

Award Number: 2554865 |Principal Investigator: Joshua A Nelson |Co-Principal Investigator: |
Organization: Red Lake Nation College |NSF Organization: DUE |Start Date: 07/01/2026 |Award
Amount: \$250,000.00

RAPID: Just-in-Time North Dakota Black Bear Research

Award Number: 2627251|Principal Investigator: Jeremy E Guinn |Co-Principal Investigator: |
Organization: United Tribes Technical College |NSF Organization: DUE |Start Date: 07/01/2026 |
Award Amount: \$200,000.00

CHAI: Stone Child College Network and Security Upgrades for STEM Programs

Award Number: 2538773|Principal Investigator: Paul E Garcia |Co-Principal
Investigator: Darrell Sun Child dsunchild@stonechild.edu |Organization: Stone Child College |
NSF Organization: DUE |Start Date: 07/01/2026 |Award Amount: \$250,000.00

ICE-TI: Project to Initiate the Doctorate in Electrical Engineering

Award Number: 2530679|Principal Investigator: Peter Romine |Co-Principal Investigator: |
Organization: Navajo Technical University |NSF Organization: DUE|Start Date: 06/01/2026 |
Award Amount: \$2,000,000.00