

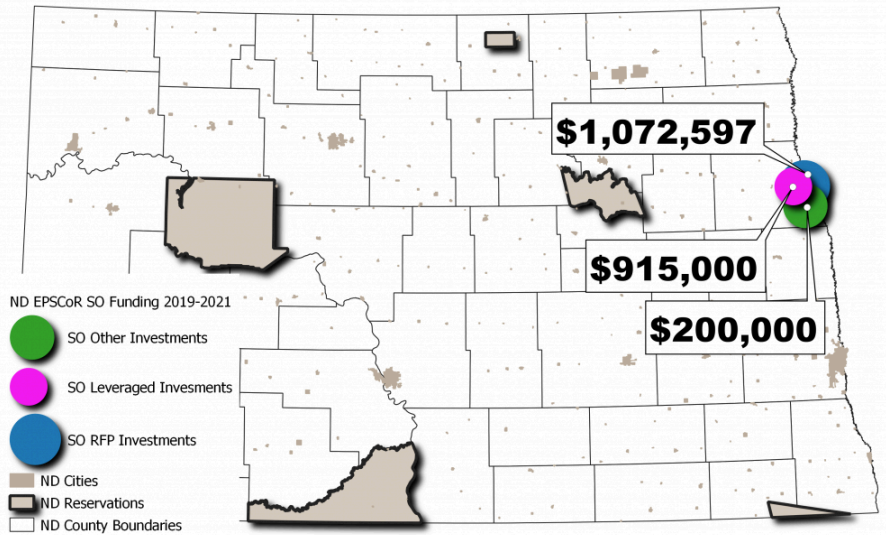


# University of North Dakota

## ND EPSCoR Support of STEM Infrastructure

### Institution Details

President: Dr. Andrew Armacost  
 Fall Enrollment: 13,772 (2021-2022)  
 Location: Grand Forks, ND  
 Number of Programs: 223  
 Average Class Size: 25  
 Student to Faculty Ratio: 17 to 1  
<https://und.edu/>



\*Does not include additional funds received from the NSF EPSCoR RII Track-1 Cooperative Agreement.  
 \*Does not include \$40,000 award to NDSU/TMCC/UND/UTTC for an Optical Extensometer System.

| Investment Category            | 2019  |           | 2020        |           | 2021        |           |
|--------------------------------|---|-----------|-------------|-----------|-------------|-----------|
|                                | # of Awards   | Value     | # of Awards | Value     | # of Awards | Value     |
| Annual RFP                     |   |           |             |           |             |           |
| Equipment/Equipment Repair     | 1   | \$111,256 | 4           | \$130,835 | 11          | \$524,182 |
| Student Travel                 | 3   | \$5,292   |             |           |             |           |
| Undergraduate Research         | 2   | \$10,000  | 2           | \$10,000  | 2           | \$9,996   |
| Preliminary Seed Data          | 8   | \$79,893  | 7           | \$63,650  | 6           | \$88,500  |
| K-12 Outreach                  | 1   | \$5,999   |             |           |             |           |
| Community                      |   |           |             |           | 1           | \$15,000  |
| Virtual Modules                |   |           | 2           | \$12,000  | 1           | \$5,994   |
| Other State Office Investments |   |           |             | \$200,000 |             |           |
| Leveraged Funds                |   | \$300,000 |             | \$300,000 |             | \$315,000 |
| Equipment Purchased            | Ergometer Bicycle and Respiratory Gas Analyzer, Multi-Shot Pyrolyzer EGA, PY-3030D, TELEDYNE ISCO Model 65D, Wet-Gas Meter, Solvent extraction system, computer & software to monitor ISCO pump, Asphalt Mixer Performance Tester, NDAWN Mesonet Tower Station, Non-contact Surface Profilometry, Zeta Potential Analyzer, EMULATE Airway Lung-Chip, Gel Permeation Chromatography System, Two Hyperspectral Cameras, High-Performance Laptop, Motorized Rail, Software & License, Particle Image Velocimetry System, Voluetric Bioimaging System, Genetic Analyzer, Insect Rearing Chamber, Mastercycler, ThermoMixer, Centrifuge, GC with Autosampler, Optical Measurement System, AI Computer Node Hardware and AI/VR Workstation Hardware |           |             |           |             |           |