

FY 2019 EDMAP Projects

University	PI	Project Name	Mapping in State	Funding Amount
University of Wyoming	Carol D. Frost and B. Ronald Frost	The Earth's Earliest Crust: A Geologic Map of the Archean Rocks of the Northern Laramie Mountains, Wyoming	WY	\$17,488
Illinois State University	David Malone	Geologic Map of the Park Reservoir 7.5-Minute Quadrangle, Wyoming	WY	\$9,971
Montana Tech of the University of Montana	Larry Smith	Geologic mapping of portions of the Dunkleberg Creek, Griffin Creek, Pikes Peak, and Rock Creek Lake 7.5' Quadrangles, Powell County, Montana	MT	\$17,499
Montana Tech of the University of Montana	Chris Gammons	Geologic map of the Hog Heaven mining district in the Kofford Ridge 7.5 minute quadrangle, northwestern Montana	MT	\$16,487
University of Mississippi	Ron Counts	The Surficial Geology and 3D Geologic Framework of the Charleston 7.5-minute Quadrangle, Tallahatchie County, Mississippi	MS	\$17,499
University of Missouri-Kansas City	Richard Gentile	The Independence Paleovalley	MO	\$9,804
Michigan Tech University	James DeGraff	Keweenaw Fault Geometry, Related Structures, and Slip Kinematics along the Lac La Belle-Mohawk Segment, Michigan	MI	\$35,000
Kent State University	David Hacker	Geology of Parts of Cow Creek and Deep Creek 7.5-Minute Quadrangles, Utah	UT	\$14,862
University of Cincinnati	Craig Dietsch	Bedrock Geologic Mapping of the southern half of the 7.5 minute Stamford, Connecticut, quadrangle	CT	\$17,500
Missouri State University	Matthew McKay	Geologic mapping of the Jacksonville East 7.5-minute quadrangle, northeast Alabama: fault sequencing along the trailing edge of the Appalachian fold and thrust belt	AL	\$11,036
Idaho State University	Glenn Thackray	Surficial Geologic Mapping of the Lower Fall Creek Drainage, Standhope Peak and Big Black Dome 7.5' Quadrangles, Central Idaho	ID	\$17,362

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Florida State University	James Tull	Geologic mapping in the southern Appalachian Inner Piedmont of Georgia: tracing a major tectonic boundary	GA	\$16,552
College of William and Mary	Christopher Bailey	Geology of the Gladstone 7.5' quadrangle, Virginia: Deciphering the geologic history of a terrane triple point in the central Appalachians	VA	\$25,496
North Carolina State University	Karl Wegmann	Characterization and Geochronology of Climatically-Triggered Landslides along the southern Blue Ridge Escarpment of North Carolina via Surficial and Bedrock Geologic Mapping	NC	\$17,497
University of Oregon	Josh Roering	Importance of shear on crustal faults in the Cascadia forearc: Examining tectonics and seismic hazard in the southern Willamette Valley, Oregon.	OR	\$17,473
University of Southern California	Scott Paterson	Mapping the southern Santa Rita Flat Pluton in the White-Inyo Range, California: a test of crustal response to magma additions	CA	\$17,425
University of South Alabama	David Allison	Undergraduate bedrock mapping of metamorphic units in the Hollins, AL, Quadrangle with emphasis on economic crystalline graphite-bearing units	AL	\$9,956
Missouri State University	Gary Michelfelder	Geologic Map and Stratigraphy of Rocks from the Bearwallow Mountain Quadrangle, New Mexico	NM	\$8,466
University of Nevada-Reno	Stacia Gordon	Burial of sedimentary rocks into the deep levels of the Cretaceous–Eocene North Cascades arc: Insights from the structure and metamorphism of the northeastern Skagit Gneiss Complex	WA	\$17,499
Portland State University	Martin Streck	Mapping at the mountainous, northern margin of the Harney Basin: The geology of the Big Canyon 7.5' quadrangle	OR	\$17,472
University of Michigan	Nathan Niemi	Geologic map of the Titus Canyon Formation, CA and NV	CA, NV	\$27,000
University of Alaska-Fairbanks	Elisabeth Nadin	Geological Mapping in Remote Alaska to Guide Hyperspectral Imaging Applications to Mineralization	AK	\$17,500

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Purdue University	Kenneth Ridgway	Establishing a Structural Framework for Denali National Park and Preserve, Alaska: Geologic Mapping of Cretaceous-Eocene Strata	AK	\$17,500
University of Alabama	Rebecca Minzoni	Geology of the 1:24,000 Coatopa, Alabama, Quadrangle	AL	\$17,500