

FY 2018 EDMAP Projects

University	PI	Title	Mapping in State	Funding Amount
Colorado State University	Sara Rathburn	Detailed Surficial Mapping of Major Mass Movement Deposits and Adjacent Bedrock Along the Park Road Corridor, Denali National Park and Preserve, Alaska	AK	\$17,481
Central Washington University	Jeff Lee	Geologic mapping of sinistral, normal, and thrust faults: Documenting Neogene fault slip histories across the Mina deflection, Nevada	NV	\$17,498
Missouri State University	Matthew McKay	Geologic mapping of the Heavens Gate 7.5-minute quadrangle, western Idaho: Correlating mid-crustal metamorphic rocks with upper-crustal equivalents	ID	\$12,864
Arizona State University	Stephen Reynolds	A New Digital Geologic Map of Wickenburg, Arizona, including the Hassayampa River Canyon	AZ	\$12,620
University of Southern California	Scott Paterson	Mapping of the Bench Canyon shear zone in the central Sierra Nevada, California	CA	\$17,497
Portland State University	Martin Streck	Mapping the Jump-off Joe Mountain quadrangle, eastern Oregon: resolving a diverse stratigraphy of rhyolites to basalts with implications for aquifer systematics along the NE margin of the Harney Basin	OR	\$9,992
Western Washington University	Colin Amos	New surficial geologic map of the Sadie Creek fault system, Olympic Peninsula, Washington	WA	\$17,500
Oregon State University	Andrew Meigs	Bedrock and surficial geologic investigation of the interaction between the Columbia Hills anticline and strike-slip faults in the Stacker Butte and Wishram Quadrangles, Washington	WA	\$17,488
North Carolina State University	Karl Wegmann	Geology and Landscape Evolution within the Rio Chama Canyon Corridor, Rio Arriba County, New Mexico	NM	\$17,496
Western Washington University	Elizabeth Schermer	Geologic mapping of the Chelan Mountains terrane and associated units, northwest Cascades, WA: Structural evolution of deep to shallow levels of the Cretaceous magmatic arc	WA	\$17,500

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Radford University	Elizabeth McClellan	Neoproterozoic to Cambrian Rift-to-Drift Sedimentation in the Blue Ridge Province of Virginia	VA	\$13,073
California State University Fullerton	Valbone Memeti	Geologic mapping of the Jack Main intrusive complex in the central Sierra Nevada, California: An unusual antithetically migrating plutonic complex in a magma focusing center	CA	\$16,947
Montana State University	Andrew Laskowski	Geologic Map of the Footwall of the Anaconda Detachment in the Pintler Lake and Warren Peak 1:24,000 Scale Quadrangles, Anaconda Range, Western Montana	MT	\$17,500
Colorado School of Mines	Yvette Kuiper	Bedrock and surficial geological mapping of the northern half of the Mount Evans 7.5' quadrangle, Colorado Front Range	CO	\$17,500
University of Florida	James Vogl	Geologic maps and sections of Challis volcanic exposures adjacent to the Pioneer metamorphic core complex in the Phi Kappa Mtn, and Standhope Peak quadrangles, South-Central Idaho	ID	\$13,424
University of Montana	Marc Hendrix	Constraining the glaciolacustrine history and structural framework of the eastern Kalispell Valley, northwestern Montana, by mapping selected portions of six USGS 7.5' quadrangles	MT	\$17,500
University of Nevada-Reno	Andrew Zuza	Reconstructing the Last Chance thrust system, eastern CA: Implications for the Paleozoic evolution of the western margin of North America	CA	\$17,350
University of Memphis	Daniel Larsen	Geologic mapping of the Golddust and northeastern Nodena Quadrangles, Tennessee: evaluation of Quaternary and older fault zones and stratigraphy of the Eocene Cockfield and Jackson formations	TN	\$17,352
Oregon State University	John Dilles	Geology of the Goldfield 7.5' Quadrangle: Origin of gold deposits associated with Miocene dacite magma and quartz-alunite hydrothermal alteration in the Walker Lane transtensional belt, western Nevada	NV	\$17,500
University of South Alabama	William Jackson, Jr. & David Allison	Geology of the Brewersville 7.5-minute quadrangle, Greene and Sumter Counties, Alabama	AL	\$9,827

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James Madison University	John Haynes	Bedrock Mapping of the Monterey SE 7½-minute Quadrangle (Northeast Quarter), Virginia, with Detailed Investigations of the Stratigraphy and Structure along the Doe Hill and Little Doe Hill Structural Trends	VA	\$13,527
Florida State University	James Tull	Geologic mapping of key areas within the Southern Appalachian Inner Piedmont of eastern Georgia	GA	\$16,794
Western State Colorado University	James Coogan	Geologic map of the Giraffe Creek 7.5' quadrangle, Sevier thrust belt, southeastern Idaho and western Wyoming	ID & WY	\$14,244
University of North Carolina-Wilmington	David Blake	Lithodemic and petrotectonic analysis of infrastructural rocks in the western Afton 1:24k Quadrangle: completing a mapping transect across the Raleigh Terrane in the North Carolina eastern Piedmont	NC	\$14,525
Southern Utah University	Jason Kaiser	Geologic Mapping of the Western Half of the Fivemile Ridge Quadrangle, Garfield and Iron Counties, Utah	UT	\$9,897
Auburn University	Mark Steltenpohl	Geology of the southern and northern halves, respectively, of the 1:24,000 Daviston and Roanoke West, Alabama, Quadrangles	AL	\$17,500
University of North Carolina-Asheville	Jackie Langille	Constraints on the kinematics of deformation and the resulting crustal architecture from geologic mapping of the Clyde 7.5-minute quadrangle, western North Carolina	NC	\$9,855
Vanderbilt University	Garrett Tate	Geologic mapping of parts of Unicoi and Carter Counties, TN: fault architecture and Appalachian duplex development	TN	\$9,980