U.S. Geological Survey EDMAP Program— Training the Next Generation of Geologic Mappers

EDMAP is an interactive and meaningful program for university students to gain experience and knowledge in geologic mapping while contributing to national efforts to map the geology of the United States. It is a matching-funds grant program with universities and is one of the three components of the congressionally mandated U.S. Geological Survey (USGS) National Cooperative Geologic Mapping Program. Geology professors whose specialty is geologic mapping request EDMAP funding to support upper-level undergraduate and graduate students at their colleges or universities in a 1-year mentor-guided geologic mapping project that focuses on a specific geographic area. Every Federal dollar that is awarded is matched with university funds.

EDMAP is invaluable not only because it contributes to national geologic mapping efforts but also because it helps fund academic research, thoroughly prepares students for real-world careers in the geosciences, and gives participants a competitive edge in the job market.

- Students participating in the EDMAP Program receive training and first-hand field experience in geologic mapping and thus acquire skills useful in many geoscience fields.

- EDMAP geology professors and their students frequently work closely with State geological surveys and U.S. Geological Survey geologists.

- Student work contributes to geologic mapping of the United States.

- So far, EDMAP has benefited 149 universities and more than 935 students from geoscience departments across the Nation.

- Results from a recent EDMAP participant survey show that 95 percent of the respondents either pursued higher degrees or obtained jobs in the geosciences.

- Surveyed participants consider the program to be a great opportunity and one that was enjoyable and highly valuable to their careers.

Application Process

Cooperative agreements are awarded based on a dollar-for-dollar match through an annual, competitive proposal process. Per-project funding available for graduate projects each fiscal year is $17,500; for undergraduate projects, it is $10,000. A peer-review panel consisting of university faculty, State Geologists, and USGS representatives determines which proposals will be awarded cooperative agreements.

- Applications for professors and students interested in participating in this program are solicited annually in September by the EDMAP Program Announcement, which is available online at *http://grants.gov*.

- To access the EDMAP Program Announcement in September, log on to *http://grants.gov*, select Find Grant Opportunities, then select Basic Search, and type in the keyword "EDMAP."

- Applications are due online by the announcement due date to the USGS Office of Acquisitions and Grants through *http://grants.gov*.

> "Over the past 15 years EDMAP has produced some of the best geologic mappers in the Nation. The thing that excites me the most is some of our earliest students have gone on to mentor several younger generations of EDMAP students. EDMAP is the gift that keeps on giving."
>
> —*Peter Lyttle, Program Coordinator*
> *National Cooperative Geologic Mapping Program*

To find out more about EDMAP, visit *http://ncgmp.usgs.gov*.

Universities that have participated in the EDMAP Program

Alabama
Auburn University
University of South Alabama

Alaska
University of Alaska–Fairbanks

Arizona
Arizona State University
Northern Arizona University
The University of Arizona

Arkansas
University of Arkansas–Fayetteville

California
California Institute of Technology
California Polytechnic State University
California State University–Long Beach
California State University–Northridge
California State University–Sacramento
Humboldt State University
San Diego State University
San Francisco State University
San José State University
Stanford University
University of California–Davis
University of California–Santa Barbara
University of Southern California

Colorado
Colorado School of Mines
Colorado State University
Fort Lewis College
Mesa State College
Western State College of Colorado

Connecticut
Eastern Connecticut State University

District of Columbia
The George Washington University

Florida
The Florida State University

Georgia
Columbus State University
The University of Georgia

Idaho
Boise State University
Brigham Young University–Idaho
Idaho State University
University of Idaho

Illinois
Illinois State University
Northeastern Illinois University
Northern Illinois University
Northwestern University
Southern Illinois University
University of Illinois
Western Illinois University

Indiana
Purdue University

Iowa
Simpson College
The University of Iowa
University of Northern Iowa

Kansas
The University of Kansas
Wichita State University

Kentucky
Eastern Kentucky University
Morehead State University

Northern Kentucky University
University of Kentucky

Louisiana
Centenary College of Louisiana
Louisiana State University
The University of Louisiana at Monroe
The University of New Orleans

Maine
Bates College
The University of Maine
University of Southern Maine

Massachusetts
Boston College
University of Massachusetts–Amherst

Michigan
Central Michigan University
Grand Valley State University
Michigan State University
Michigan Technological University
University of Michigan–Dearborn
Wayne State University
Western Michigan University

Minnesota
University of Minnesota
University of St. Thomas

Mississippi
The University of Mississippi

Missouri
Missouri State University
Southeast Missouri State University
University of Missouri

Montana
Montana State University
Montana Tech of the University of Montana
Rocky Mountain College
The University of Montana

Nebraska
University of Nebraska–Lincoln

Nevada
University of Nevada–Las Vegas
University of Nevada–Reno

New Hampshire
Dartmouth College
Keene State College
The University of New Hampshire

New Mexico
New Mexico Institute of Mining and Technology
New Mexico State University
The University of New Mexico

New York
CUNY–Brooklyn College
CUNY–Queens College
SUNY–College at Oneonta
SUNY–The College at Brockport
SUNY–University at Albany
SUNY–University at Buffalo
University of Rochester

North Carolina
Appalachian State University
Duke University
East Carolina University
North Carolina State University
The University of North Carolina–Chapel Hill
The University of North Carolina–Charlotte
The University of North Carolina–Wilmington

North Dakota
Minot State University
The University of North Dakota

Ohio
Kent State University
Miami University
Ohio University
The Ohio State University
The University of Toledo
University of Cincinnati

Oklahoma
Oklahoma State University
The University of Oklahoma

Oregon
Oregon State University
Portland State University
University of Oregon

Pennsylvania
Lehigh University
Pennsylvania State University
University of Pittsburgh

Puerto Rico
University of Puerto Rico

South Carolina
Clemson University
Coastal Carolina University
College of Charleston
University of South Carolina

South Dakota
South Dakota School of Mines & Technology

Tennessee
Tennessee Tech University
The University of Memphis
The University of Tennessee–Chattanooga
The University of Tennessee–Knoxville

Texas
Texas Tech University
The University of Texas at Arlington
The University of Texas at Austin

Utah
Brigham Young University
Southern Utah University
The University of Utah
Utah State University

Vermont
Castleton State College
Middlebury College

Virginia
James Madison University
Radford University
The College of William and Mary
Virginia Wesleyan College

Washington
Central Washington University
Eastern Washington University
University of Washington
Washington State University
Western Washington University

West Virginia
West Virginia University

Wisconsin
University of Wisconsin–Eau Claire
University of Wisconsin–Madison

Wyoming
University of Wyoming