

USGS 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 geoscience field, 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 nearby State geological surveys and U.S. Geological Survey geologists.

“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*

- Student work contributes to geologic mapping of the United States.
- So far, EDMAP has benefited 144 universities and more than 850 students from geoscience departments across the Nation.
- Results from a recent EDMAP participant survey show that 95 percent of the respondents either went on to take jobs in the geoscience field or pursued further degrees in geosciences.
- Surveyed participants considered the program to have been a great opportunity and one that was enjoyable and highly valuable to their career.

How To Apply

Grants are awarded through an annual, competitive, and matched grant process. Per-project funding available in fiscal year 2011 for graduate projects is \$17,500 and for undergraduate projects is \$10,000. A peer-review panel consisting of university faculty, State Geologists, and USGS representatives determines awards.

- Applications for professors and students interested in participating in this program are solicited in September 2010 via the online EDMAP Program Announcement, where you can find detailed instructions for submitting EDMAP proposals.
- Applications are due online by November 10, 2010, to the USGS Office of Acquisitions and Grants through Grants.gov. To find out more about the cooperative grant, visit <http://www.grants.gov> and click the “Find Grant Opportunities” button.

To find out more about EDMAP, visit
<http://ncgmp.usgs.gov/ncgmpabout/edmap/>.

These universities have benefitted from EDMAP

Alabama

Auburn University
University of South Alabama

Alaska

University of Alaska-Fairbanks

Arizona

Arizona State University
Northern Arizona State University
University of Arizona

Arkansas

University of Arkansas-Fayetteville

California

California Institute of Technology (Pasadena)
California Polytechnic Foundation
California State University – Long Beach
California State University – Northridge
California State University – Sacramento
Humboldt University
San Diego State University
San Francisco State University
San Jose State University
Stanford University
University of California Davis
University of California Santa Barbara
University of Southern California

Colorado

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

Connecticut

Eastern Connecticut State University

District of Columbia

George Washington University

Florida

Florida State University

Idaho

Boise State University
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 University
University of Iowa
University of Northern Iowa

Kansas

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
University of Louisiana at Monroe
University of New Orleans

Maine

Bates College
University of Main
University of Southern Maine
Massachusetts
Boston College
University of Massachusetts – Amherst

Michigan

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

Minnesota

University of Minnesota
University of St. Thomas

Mississippi

University of Mississippi

Missouri

Missouri State University
Southeast Missouri State University

Montana

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

Nebraska

University of Nebraska Lincoln

Nevada

University of Las Vegas
University of Nevada – Reno

New Hampshire

Dartmouth University
Keene State College
University of New Hampshire

New Mexico

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

New York

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

North Carolina

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

North Dakota

Minot State University
University of North Dakota

Ohio

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

Oklahoma

Oklahoma State University
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

School of Mines

Tennessee

Tennessee Tech University
University of Memphis
University of Tennessee

Texas

Texas Tech University
University of Texas – Arlington
University of Texas – Austin

Utah

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

Vermont

Castleton State College
Middlebury College

Virginia

College of William and Mary
James Madison University
Radford University
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