USGS
science for a changing world

AASG
Association of American State Geologists

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.
- 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.

"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/ncgmpabout/edmap/*.

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U.S. Geological Survey

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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 Maine
- 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