Fellowships:

Earth Sciences Graduate Fellowship (Kottlowski/Bureau Fellowship)

The New Mexico Bureau of Geology and Mineral Resources, a division of New Mexico Tech, is soliciting candidates for the Kottlowski/Bureau Fellowship. The fellowship, for an incoming Ph.D. candidate in the Department of Earth and Environmental Science, offers a 12-month, $23,000 stipend plus full coverage of tuition. The fellowship is renewable for up to three years. Additional funding is available to cover some laboratory and field expenses.

All Ph.D. applicants to the Department will be considered for the fellowship. The successful candidate may have interests in any earth or environmental science specialty, but will be expected to do a project within the state or of particular interest to the state, under the direction of advisors from both the Bureau and the Department.

Christina Lochman Balk Fellowship in Stratigraphy/Sedimentary Geology/Paleontology

New Mexico Tech invites applications for the Christina Lochman Balk Fellowship in stratigraphy/sedimentary geology/paleontology. The fellowship provides financial support for graduate students pursuing M.S. and Ph.D. degrees in the department. The successful applicant will have a strong academic record and will be interested in pursuing research in sedimentary geology and/or paleontology. Interested individuals should contact

Dave Johnson
, Associate Professor of Geology.
Fellowships for Graduate Studies in Ore Deposits

Students interested in ore deposit genesis and exploration are eligible for the Donald Yardley, Barkley Wykof, and Charles Park Fellowships. These are competitive fellowships based on applicant's qualifications. For more information on ore deposit studies visit this link.

Scholarships:

New Mexico Geological Society Grants-in-aid are awarded to geology students enrolled in New Mexico institutions and whose proposed projects are located in New Mexico. Proposals from undergraduate students are considered along with those from graduate students. Some money is restricted for undergraduate research only. Undergraduates are strongly encouraged to submit proposals.


Deadline for applications is typically the third Friday in February.

Lucille H. Pipkin Senior Scholarship:

Awarded by the New Mexico Geological Society annually to a deserving geoscience major who
will be a Senior the following academic year. Award amount is $3000.

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**Lucille H. Pipkin Book Scholarships:**

Awarded by the New Mexico Geological Society in the spring to undergraduate geoscience students to help defray the costs of textbooks. Typically, 3 awards of $150 each are made.

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**Jerry Durtsche and Cynthia Durtsche Scholarship**

Awarded annually to a student majoring in one of the programs offered by Earth and Environmental Science Department. Award amount is typically $500.

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**Research Assistantships:**

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**Hydrology Research Assistantships**

[Mark Person](#), Professor of Hydrology, has openings for Research Assistantships in "Geothermal Systems of the Great Basin" and "Continental Smokers." See [this webpage](#) for details.
Geophysics Opportunities for Graduate Students

The Geophysics Graduate Program in the Department of Earth and Environmental Science at the New Mexico Institute of Mining and Technology (New Mexico Tech) offers supported MS- and PhD-level student opportunities in 2008. Specific projects may include:

- Seismological investigation of structure and processes in subduction zones
- Hydrothermal circulation in subducting ocean crust
- Mass transport and explosive processes accompanying Strombolian volcanic eruptions
- Large-scale teleseismic imaging of western U.S. and Antarctic mantle
- Geodetic investigations of active deformation in the western U.S.
- High-resolution relocation studies of hypocenters in volcanic and tectonic seismogenic regions
- Seismic investigation of tremor-like sources associated with Antarctic mega-icebergs.
- Volcano Infrasound.
- Carbon sequestration.
- Subduction zone earthquake seismology.

New Mexico Tech, located in the central Rio Grande valley community of Socorro, emphasizes science and engineering teaching. The Department of Earth and Environmental Science includes 22 faculty, numerous active adjunct faculty, and approximately 50 undergraduate majors and 75 graduate students. For more information, contact the geophysics faculty via email to geos@nmt.edu.

Interdisciplinary Hydrologic Science Opportunities at New Mexico Tech

New Mexico Tech offers Ph.D. and M.S. Research Assistantships to graduate students interested in topics in hydrologic science ranging from subsurface processes to the atmospheric boundary layer. The interdisciplinary Hydrology Program is one of the largest and strongest in the United States. Four full-time faculty and ten adjunct faculty in hydrology allow us to offer more than 20 different courses in hydrologic science and conduct research across a broad range of cutting edge topics. Our interdisciplinary curriculum has been revised to provide students with the training in the multiple scientific techniques necessary to resolve
societally-relevant hydrological problems. Recent research efforts are focused on understanding the impacts of vegetation, climate and human-induced changes on water supply and water quality. Students with strong scientific or engineering backgrounds are encouraged to apply. For more information contact: Dr. Fred Phillips. Additional information and application forms can be found at www.ees.nmt.edu/outside/Hydro/.

Geochemistry Opportunities for PhD and MS

Kent C. Condie, Professor of Geochemistry, has a number of opportunities available including research involving super-plumes, Southwest North American tectonic and provenance history, dip of subduction zones along the southern margin of the Wyoming Archean craton, lower crustal and upper mantle xenoliths in the Rio Puerco volcanic field west of Albuquerque, and dating zircons to track the growth rate of continents. Details are here. For more information, contact Dr. Kent Condie at kcondie@nmt.edu or 575-835-5531.

Additional student opportunities at New Mexico Tech, click here. Student opportunities outside New Mexico Tech, click here.