



COLORADO SCIENTIFIC SOCIETY

2017 RESEARCH GRANTS

Policies and Procedures

PURPOSE OF MEMORIAL GRANT FUNDS

The Memorial Research Funds of The Colorado Scientific Society are intended to provide thesis- or dissertation-level project support for university students in the research categories of the individual funds listed on page 4. Project funding is intended to cover field and/or laboratory expenses to support student research efforts. Upper-level undergraduate projects will also be considered.

QUALIFIED APPLICANTS

Applicants must be either a junior or senior undergraduate student or enrolled in a Masters or Ph.D. graduate program at an accredited college or university. Applications must be presented under the name of the student doing the research and may not be used for institutions or faculty members. Applicants need not be members of the Colorado Scientific Society.

THE APPLICATION

All grant proposals will be considered, but an application will be evaluated in significant measure on how the proposed investigation would contribute to earth science in general and to the specialized aspects of each fund in particular. Topics in geology, geochemistry, and geophysics applicable to those ends will be considered for funding. Applications are evaluated on a competitive basis according to the general policies given here.

Application components

A complete application consists of two parts:

1. The "Research Grant Application" is completed by the student and summarizes the proposed research and the background of the applicant.
2. The "Appraisal of Applicant" is a required evaluation by a faculty member familiar with the applicant's qualifications and the significance of the proposed research. This part is submitted directly by the faculty member.

The application is submitted electronically/online to the Chair of the Memorial Research Funds

Committee. The documents and email address for submittal are available on the Society's web site (www.coloscisoc.org).

The deadline for applications is set annually and is posted on the Society's web page.

The announcement of the grant recipients will be made in May or as otherwise announced.

USE OF FUNDS

Funds may be used for:

- travel to, from, or within field-study area or laboratory facilities
- camping/lodging and meals
- field expenses
- maps (base maps, imagery, etc.)
- materials and supplies (if not available from university, etc.)
- equipment or instruments necessary for the research (if not available from university, etc.)
- laboratory expenses
- other expenses directly related to the fulfillment of the research proposal

Funds are not authorized for:

- tuition
- university administrative overhead or fees
- salaries to grantees or assistants
- living expenses of families of the grantees
- reimbursement for work already accomplished
- items usually provided by a college or university (equipment, instruments, laboratory facilities, supplies, vehicles, or other)
- attendance at professional meetings
- thesis preparation (typing, copying, or binding)
- other non-research items

Field and laboratory work *must* be carried out under *the most economical circumstances* consistent with good scientific procedures. Preference will be given to those applications that exhibit reasonable, judicious, and carefully considered budget expenses. (Examples: camping or budget motels are more reasonable lodging choices; commercial vehicle rentals are often not the most reasonable way to cover driving expense.)

Successful applicants are expected to perform as much of their own auxiliary work as possible or practical, such as laboratory tests, data analysis, preparation and write-up of results.

REQUIREMENTS OF GRANT RECIPIENTS

Use of Funds

The recipient of a grant is expected to use the funds prudently, within the general framework of the proposal. Funds will be expended only for the purposes stated, and in accordance with, the budget indicated in the application. A budget can be modified only by previous written

agreement with the Memorial Funds Committee.

Accounting

Upon completion of the project, the recipient will submit a brief accounting (no receipts necessary) of project disbursements. Any unused balance of the grant must be returned to the Memorial Research Funds of the Colorado Scientific Society. If the recipient leaves school or is unable to complete the project for any reason, he or she agrees to return any unused portion of the grant to the Memorial Research Funds of the Society.

Timely Use of Funds

The grant recipient will carry out research within a reasonable time frame of the schedule stated in the application. If the recipient is unable to begin the work on the project as stated in the application, the Chairman of the Memorial Research Funds Committee must be notified in writing. The Committee will determine whether the recipient will be allowed an extension of time or should return the funds and reapply the following year.

Report upon completion

Grant recipients should submit a brief report of findings and a summary of expenditures. Recipients are also encouraged to submit abstracts to present their research results at the Society's Annual Student Night, which usually occurs in the fall as announced on the Society website.

These reports of successful completion of research help the Society attract contributions to provide growth of the Memorial Funds to support future research. Please honor the spirit of helping support future research by submitting your report.

A copy of any publication resulting from the project should be sent to the Society at the following address:

Chair, Memorial Research Funds
Colorado Scientific Society
P.O. Box 150495
Lakewood, Colorado 80215-0495
or e-mailed to dsweetkind@usgs.gov

Acknowledgment of Support

The Colorado Scientific Society expects acknowledgment of support from the Memorial Research Funds in presentations and publications resulting from the project. A copy of any publication resulting from the project should be sent to the Society.

THE MEMORIAL GRANT FUNDS

The Memorial Research Funds of The Colorado Scientific Society are donated and held in memory of Society members Ogden Tweto, Steven S. Oriel, Edwin B. Eckel, William G. Pierce, and George L. Snyder. Student research grants are made from these five separate funds and are intended to support the scientific interests of each distinguished earth scientist. Please note, there is only one general application (i.e., there are not separate applications for specific memorial funds).

The Tweto Fund

Ogden Tweto specialized in the geology of Colorado, and contributed many important maps and studies, working most of his career for the U.S. Geological Survey in Denver. The Tweto Fund is primarily used to support field investigations of regional geologic and stratigraphic problems with emphasis on the geology of Colorado.

The Oriel Fund

Steven S. Oriel specialized in the geology of the Wyoming-Idaho Thrust Belt, working most of his career for the U.S. Geological Survey in Denver. The Oriel Fund is primarily used to support field investigations of regional geologic and stratigraphic problems with emphasis on the geology of the Rocky Mountain Region and the Overthrust Belt.

The Eckel Fund

Edwin B. Eckel had a diverse career in mineral deposits, engineering geology, and scientific administration. The Eckel Fund is used to support studies in engineering geology. The studies are not restricted as to location and may be either topical, laboratory, field-based, or a combination.

The Pierce / Heart Mountain Fund

William G. Pierce worked on many geologic problems, but his abiding passion was the Heart Mountain fault in northwest Wyoming. The Pierce/Heart Mountain Fund supports studies of the Heart Mountain fault, northwest Wyoming, which will allow a better understanding of this shallow, low-angle fault and its mechanism. The fund has recently been expanded to allow grants for Quaternary studies. These studies may be topical, laboratory, or field-based, or a combination.

The Snyder Fund

George L. Snyder was a respected authority on Precambrian geology and tectonics in Colorado and Wyoming. The Snyder Fund supports field-based studies in the Rocky Mountains, particularly those involving Precambrian igneous and metamorphic geology and associated basement tectonics.