



The Clay Minerals Society

2017 Research Grant Application

Deadline Monday, February 6, 2017

Introduction

The Research Grant program provides partial financial support of research for students of clay science and technology. Grants are intended to aid a research project but not to sustain the entire cost. Research Grant applications are judged on a competitive basis considering the qualifications of the applicant, the objectives of the research proposal, design of the research project and relation to Clay Science. The applicant's financial need with respect to completing the research project is also considered by the evaluation committee. Research Grant applications will be evaluated by a five-member Clay Mineral Society (CMS) committee, which will rank the applications and recommend those to be funded and the funding levels. The CMS Council will consider these recommendations at the annual CMS meeting in Edmonton, Canada May 29-June 1, 2017. The best grant application, as determined by the Research Grants Committee, will be the recipient of the grant titled the **Robert C. Reynolds, Jr. Research Award**. The award comes with a certificate and a free CMS membership for the following year.

Eligibility

Eligible individuals include graduate and undergraduate students of clay science or technology. There are no restrictions with regard to nationality, gender or age. However you must be a member of the Clay Mineral Society to apply for a CMS Research Grant. Membership can be done on-line at www.clays.org or download an application and follow the instructions. A membership number will be assigned and sent to you. The applicant must e-mail (or send 2 hard copies via the mail) a completed APPLICATION FOR RESEARCH GRANT form (attached below) and a CV or resume. In addition, the applicant must obtain **confidential** evaluations from two faculty members at his/her university. Each faculty evaluation must be completed on an APPLICANT APPRAISAL form (attached below) and mail or e-mail the form to CMS from the faculty member's own e-mail. Students may apply for a research grant and a travel grant in the same year, and may receive no more than a total of two Research Grants and two Travel Grants.

Use of Funds

Individual grant requests may be up to \$3,000, and the amount requested must be justified in the detailed budget. The exact amount awarded to successful applicants will depend on the proposed budget, the nature of other recommended applications in that year, and the amount budgeted for the program (typically \$10,000). Grants will be administered by the grantee's university or the supervising faculty member of the student's department. The following terms and conditions must be met regarding use of the grant money:

- Grant money may only be used for the costs of travel, room, and board for research-related fieldwork, or for the costs of equipment, supplies, and analyses required to complete the research.
- Grant money may not be used for travel costs for attending professional meetings. However, **research grant recipients are strongly encouraged to apply for a travel grant to present the results of their research at a future CMS annual meeting.**
- No portion of the grant money may be used by the University to cover expenses associated with administration of the grant, nor may the grant money be used as payment of salary, for the maintenance of families of the grantees and their assistants, as reimbursement of work already accomplished, to attend professional meetings, or for thesis preparation.

Additional support beyond that awarded the grantee is possible only by applying for another research grant. A progress report and proof of expenditures must accompany this application. No individual may receive more than one renewal of a previously funded project, or more than two grants for separate projects.

Processing of Applications

E-mail (preferred) or mail all required forms (included at the end of this document) to the CMS office to **arrive by Monday, February 6 2017**. The CMS Society Office address is: The Clay Minerals Society, 3635 Concorde Pkwy, Suite 500, Chantilly, VA 20151-1110 USA. The **E-mail** is cms@clays.org. The Research Grants Committee will evaluate the applications and make recommendations for funding. The CMS Council considers the committee's recommendations during the annual CMS meeting. The CMS Manager will notify each applicant of the Council's decision shortly after the Annual Meeting (June 2017).

Responsibilities of Recipients

Use of Funds. - The grantee is expected to use grant funds prudently, to conduct his/her research in accordance with scientific principles, and to confine his/her work within the framework defined in his/her application. Funds shall be expended only for the purposes stated and in accordance with the budget indicated in the application. Each grantee should keep a record of expenses to be included with the annual progress report. The CMS reserves the right to request expenditure receipts from the grantee. Unused funds shall be returned to the CMS.

Progress Report. - A one- to five-page progress report of research results, progress, and expenditures will be submitted to the Society Office one year following the receipt of the grant. Progress reports will be reviewed by the Chair of the CMS Research Grants Committee and summarized in the Committee's annual report. Progress reports will be mentioned at the CMS annual meeting. The grantee is not required to publish his/her research results; if results are published, we expect the grantee to acknowledge CMS for its support and, if possible, to present the results at a CMS meeting. Students are encouraged to apply for a CMS travel grant if funds are desired for CMS meeting attendance.

CMS 2016 APPLICATION FORM FOR RESEARCH GRANT

Complete and submit this Application Form and a CV or resume by mail or by e-mail to cms@clays.org **to arrive at the CMS Office by Monday, February 6, 2017**. Ask two faculty evaluators each to mail or e-mail a completed Confidential Applicant Appraisal form from their own e-mail addresses. *If you do not have access to e-mail*, sign and submit two (2) copies of the Application Form and a CV or resume, and include an Applicant Appraisal form from two faculty evaluators, sealed in separate envelopes.

Name: _____
Address: _____

Phone/fax: _____
E-mail: _____

CMS membership #: _____ (you must be a member to apply for a CMS Student Research Grant. Membership can be done on-line at www.clays.org or download an application and follow the instructions. A membership number will be assigned and sent to you).

Have you previously received a CMS Student Research Grant? Yes No

If yes, list the grant(s) and the date(s) awarded: _____

Title of 2016 Research Proposal: _____

Name of college/university _____

Project is part of MS _____ PhD _____ BS _____ Other (specify) _____

Expected date of graduation _____

Name(s) and address(es) of project supervisor(s):

Title of Research Project (Centered)

Description

Using the following as a template, describe the research project. Address each topic concisely. The total project description **may not exceed 2 pages (3 pages if one page is a figure)** using this template—i.e., 1" (2.5cm) margins, 12 pt font, single-space paragraphs, and 12 pt. before each paragraph (including headings). Up to one additional page for a figure may be included, but the figure caption must be contained in this two-page description. NOTE: Delete this text before submitting your application.

Background

Describe the background of the overall research project and the problem being addressed.

Objectives

Discuss the specific objectives of your research project and briefly explain how you plan to achieve these objectives (i.e., what questions do you plan to answer?). Discuss the overall research approach you are using.

Description of Work

Discuss the specific work that will be affected by CMS funding. Discuss how this work relates to the objectives above. Discuss the impact on the overall objectives if the CMS funding were not available (e.g., how would you achieve your objectives in the absence of CMS funding?).

CV or Resume

At the end of this application, paste a copy of your CV or resume that includes educational and professional background, significant accomplishments, awards, and a list of publication and talks.

Research Grant Application
The Clay Minerals Society
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Fax: (703) 652-9951
E-mail: cms@clays.org
Internet: www.clays.org

2017 APPRAISAL FORM FOR CMS STUDENT RESEARCH GRANT

The individual listed below is applying for a Student Research Grant from The Clay Minerals Society. This grant may be for up to \$3,000 in support of research in the clay sciences.

Please complete this evaluation and mail (address above or give it to the student in a sealed envelope to include with the completed proposal package) or e-mail to cms@clays.org to arrive by **Monday, February 6, 2017**.

1. Name of student applicant: _____

2. Name of referee: _____

3. Business title of referee: _____

4. Business address of referee: _____

5. Business phone of referee: _____

6. Please rank the applicant in relation to other students with whom you have worked:

Lower 50% _____ Upper 50% _____ Upper 25% _____ Upper 10% _____ Upper 5% _____

7. To what extent did the student applicant originate the objectives and design of the project?

8. Please evaluate the objectives and design of the student's project.

9. Please evaluate the student applicant. If you are recommending more than one applicant, please compare them.

Signature

Date