



Organic Syntheses

Summer 2022-2023

Research Grants for Faculty at Principally Undergraduate Institutions

Organic Syntheses Inc. invites applications for summer research grants from faculty at principally undergraduate institutions. Each grant award will provide \$8,000 total costs per summer to a PUI faculty member who will subsequently choose their undergraduate coworker for the project from among the students in their department. The budget will include a stipend for a minimum of ten weeks of summer research by the student coworker with the remainder employed for materials and supplies. No indirect costs will be allowed. The award will be for \$8,000 for the summer of 2022 and \$8,000 for summer 2023, with the second summer of funding contingent on submission of a report in September 2022 describing satisfactory progress during the first summer of funding.

We recommend that \$5,000 be allocated for the stipend to the Org Syn Summer Scholar and \$3,000 be used for materials and supplies, however, in order to provide flexibility, faculty may rebudget funds as they feel appropriate without prior authorization from Organic Syntheses. Should the conditions of the Covid 19 pandemic interfere with using the funding in the summer of 2022, a no-cost extension will allow the use of the first year of funding in the summer of 2023.

Faculty at any institution in the United States and Canada that does not grant doctoral degrees in chemistry may apply, and recipients of an Organic Syntheses Summer Grants prior to 2021 are eligible to apply for 2022 grants.

In accord with the mission of Organic Syntheses, Inc., the proposed research should be in the area of organic synthetic chemistry, broadly defined. Special consideration will be given to research that includes the development of reliable methods for the synthesis of organic compounds. Though not required, we encourage the submission of proposals for research that has the potential to eventuate in an article appropriate for publication in the journal *Organic Syntheses*.

The selection of proposals for funding will be based on the following criteria:

- Novelty and significance of the proposed research will be a primary consideration, with some consideration given to potential for publication in *Organic Syntheses*.
- The track record and potential of the faculty supervisor as an undergraduate research advisor will also be considered.

Applications should be submitted by December 1, 2021 as a single PDF file attached to an email sent to ospui@mit.edu. Applications must consist of the following components.

- Completed Faculty Cover Sheet (download the form from this webpage).
- Curriculum Vitae including list of publications. Please clearly indicate which papers represent research by undergraduate coworkers.
- List of most recent undergraduate coworkers (5-10 maximum) including their first position after graduation and current employment (if known).
- Description of proposed research (maximum 3 pages including figures, schemes, and references).
- Letter of support from the Chair of your department confirming the availability of space, equipment, and administrative support for the proposed research and confirming that undergraduate researchers will receive appropriate training in laboratory safety.

Applicants will be notified of decisions on funding in February 2022. Announcement of the awards will be made on the Org Syn website in the homepage slideshow with a link to a page with biographies of the PUI faculty supervisors. Following the summer of research, the faculty supervisor and student will jointly prepare a brief (1-2 page) report on the research accomplished and a summary of funds expended. The report will be due by September 30, 2022 and will be submitted to the office of the Editor in Chief. We will also request a follow-up letter one year after the summer of research describing any publications and conference presentations and reporting on the subsequent career of the student supported by the grant.