

The Gregory J. Canty Research Award

Deadline: Varies by year (generally late February to early March)

This scholarship was established by Mrs. Mary and Professor Dick Abidin in memory of their grandson, a 2012 graduate of the Department of Chemical Engineering.

Purpose: The Gregory J. Canty Research Award funds an outstanding undergraduate student who proposes a project to be carried out in the summer following application for the award and the subsequent academic year. The amount of the award is typically between \$2,500 and \$3,000 and will be granted on a competitive basis to current second-year and third-year undergraduate students majoring in chemical engineering. Applicants must be full-time undergraduates at UVA and must remain enrolled at the University through the completion of their project.

The recipient of the award, should it be granted in a given year, shall be a student who demonstrates creativity in translating knowledge and skills into practical engineering solutions or products and who is known for their caring and helpfulness towards others. Recipients will be chosen based on the merit of their research proposal and the aforementioned intellectual and personal characteristics. GPA will not be a deciding factor.

Faculty Support: The student applicant should seek out a faculty member who is willing to serve as an advisor to discuss the proposed project prior to writing and submitting the proposal. The faculty advisor will endorse the student's proposal and agree to serve as a mentor for the project.

Conceptualizing a Project: Applicants are urged to think creatively in designing their projects. The project may be a research proposal, a plan to solve a practical problem, or a plan to create a product. Projects might involve working in any university lab to take advantage of resources that would otherwise be inaccessible to the student. Projects requiring laboratory work might call for the purchase of equipment that could not be obtained without an award of this kind.

Applying: Current second-year and third-year undergraduate students, majoring in chemical engineering, who wish to apply for the Gregory J. Canty Research Award must submit a resume, project proposal endorsed by a faculty member (statement of support, "I agree to support <student's name here>'s proposed research project."), and a personal statement (300 word maximum). Recommendation letters should not be submitted.

The project proposal (2 pages maximum) should include the following:

- a. Background and project focus
- b. Methodology (plan to carry out the project)
- c. Potential outcomes and implications
- d. Bibliography

Final Product: In the course of carrying out the project, an awardee will be expected to create a bibliography of relevant referenced background materials read, contacts with professionals in the field, and produce a final product (e.g., final paper, device, model, software program, etc.) Final projects must be submitted to the Department Chemical Engineering in April of the year following the receipt of the award, along with a brief report from the student accounting for expenditure of award funds. Students will be encouraged to enter their projects in the SEAS Undergraduate Research and Design Symposium.