



BARRY GOLDWATER
SCHOLARSHIP & EXCELLENCE IN EDUCATION FOUNDATION



The Barry Goldwater Scholarship and Excellence in Education Program was established by Congress in 1986 to honor Senator Barry M. Goldwater, who served his country for 56 years as a soldier and statesman, including 30 years of service in the U.S. Senate.

The purpose of the Foundation is to provide a continuing source of highly qualified scientists, mathematicians, and engineers by awarding scholarships to college students who intend to pursue careers in these fields.

Eligibility

- ▶ Be a full-time junior or sophomore
 - ▶ Junior -Graduating between May and December 2019
 - ▶ Sophomore -Graduating May 2020
- ▶ Have a highly competitive GPA
- ▶ Major in STEM fields
- ▶ Be a US citizen or a permanent resident
- ▶ Obtain institutional nomination (4 nominees)

Criteria

- ▶ **Research experience**
- ▶ Other extracurricular activities
- ▶ Intend to pursue a doctoral (Ph.D.) degree
- ▶ Strong commitment to a career in math, the natural sciences, and engineering
- ▶ Potential for a significant future contribution in your chosen field



Awards

Scholarship Award - Up to \$7,500
for tuition, fees, books, and room/board

Honorable Mention

UNM Preliminary Application

Submit UNM preliminary online application

BY 11:59 pm, 10/31/2017

NISF.unm.edu

11/21: Four UNM nominees announced

UNM Application

Online Application Form

3 - page essay (research proposal)

UNM unofficial transcript

A note from your research mentor

- ▶ Describe your research involvement
- ▶ Support during the application process

Essay

- ▶ Based on a prior or current research project
- ▶ Discuss the issue or problem, the research methodology, and your findings.
- ▶ State what your specific contributions to the project
- ▶ Indicate specific skills/expertise you developed
- ▶ Goldwater reviewers are experienced science reviewers

Essay

- ▶ To demonstrate that you “think like a scientist,” you might **describe future work** your data suggests or work that still needs to be done to complete the current project.
- ▶ Include appropriate bibliographic information and references
- ▶ Use 12 point or larger Arial font. Margins should be 1 inch on all sides.
- ▶ Work with your faculty mentor to ensure your essay is scientifically accurate

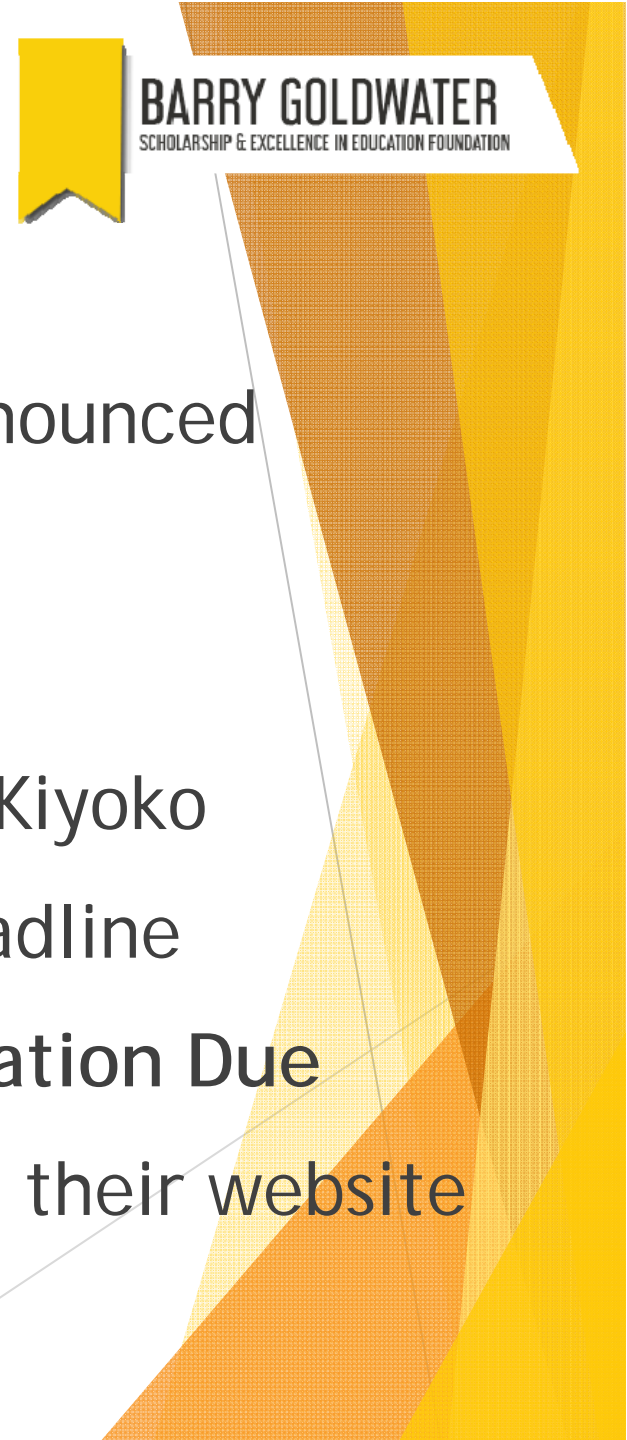
Goldwater Essay

Helpful resources

NISF website - "Goldwater Scholarship"

- ▶ Essay Tips
- ▶ Sample Essays (Kiyoko's Office)

UNM Nominees



- ▶ November 21: UNM Nominees announced
- ▶ December 15: First Draft Due
- ▶ January 20, 2018:
 - ▶ Submit non-UNM transcript to Kiyoko
 - ▶ Letter of Recommendation deadline
- ▶ January 26, 5:00 pm CT: Application Due
- ▶ March 30: Scholars announced on their website

UNM Nominees

Online Application

- ▶ Career Goals/Professional Aspirations
- ▶ Motivation for a research career
- ▶ Personal Information
- ▶ Research Activities
- ▶ Other Activities
- ▶ Awards, Honors, and Scholarships
- ▶ Recommender's information
- ▶ 3-page essay (research proposal)

Goldwater Application

Supporting Documents

- ▶ College Transcript(s)
- ▶ Three recommenders
 - 2 faculty members: your potential for a career in math, science, or engineering
 - Another individual who can attest to your potential

How Competitive

2017 Statistics

- ▶ Out of 1,286 applicants 240 scholarships awarded
- ▶ 133 men/103 women
- ▶ 22 Math /153 Science-related majors /51 Engineering /14 Computer Science
- ▶ All intend to obtain a Ph.D. as their degree objective

Future Scholarships

Rhodes Scholarship (March)*

Marshall Scholarship (March) *

Mitchell Scholarship (March) *

Gates Cambridge Scholarship (September)

Fulbright Scholarship (early September) *

Churchill Scholarship (September) *

DOE Graduate Fellowship (January)

Hertz Foundation (November)

NSF Graduate Research Fellowship (November)

SMART Scholarship (December)

UNM Resources

- ▶ Alliance for Minority Participation - epswww.unm.edu/lisamp-home/
- ▶ Biomedical Research Education Programs - hsc.unm.edu/research/brep/
- ▶ El Puento Fellows Program - elcentro.unm.edu
- ▶ IMSD Program - biology.unm.edu/IMSD
- ▶ MARC Program - biology.unm.edu/MARC
- ▶ McNair Program - McNair.unm.edu

UNM Resources

- ▶ Research Match - research-match.unm.edu
- ▶ Research Internships -
caeld.unm.edu/internships/index.html
- ▶ STEM Collaborative Center - stem.unm.edu