Kiyoko Simmons
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Lobo Achieve appointment
Questions in chat
PowerPoint slides are available online!
Eligibility

- Be a full-time junior or sophomore
  - Junior - Graduating between May 2023
  - Sophomore - Graduating May 2024
- Have a highly competitive GPA
- Major in STEM fields
- Be a US citizen or a permanent resident
- Obtain institutional nomination (5 nominees)
Criteria

- Research experience
- Other extracurricular activities
- Intend to pursue a doctoral (Ph.D.) degree
- Strong commitment to a research 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

Award up to 450 Scholarships

Goldwater Scholars have been awarded
- 94 Rhodes Scholarships
- 150 Marshall Scholarships
- 170 Churchill Scholarships
- 109 Hertz Fellowships
UNM Preliminary Application

Submit UNM preliminary online application

BY 11:59 pm, 10/31/2021

NISF.unm.edu

11/21: UNM nominees announced
UNM Application

Online Application Form

3 - page research essay

Unofficial transcript from college(s)

A letter from your research mentor

- Describe your research involvement
- Support during the application process
Research Essay

Your research essay can be based on prior research or is a proposal.

Research Essay should clearly describe

1. your intellectual contribution or expected contribution to the work
2. the skills you brought to the work from prior research or course experiences
3. the skills you have or expect to obtain from participation in the project
Demonstrate that you “think like a scientist”

- If you are describing a research project that you conducted, consider discussing additional work that you might do.

- If you have completed the entire project, describe a new project that might be undertaken. Explain how the skills you learned while working on your project will set the stage for a successful new work.
The opening paragraph should provide a “broader picture” that explains the importance of your research and your motivation for doing the work.

The reviewers are broadly trained in the sciences, engineering, and mathematics, not for subject matter experts.
Research Essay

- 3-page max
  - Single-spaced,
  - 12-point Arial font,
  - 1-inch margins on all sides
  - Include bibliographic information, graphs, and/or tables

- Work with your research mentor to ensure your essay is scientifically accurate

- [https://goldwater.scholarsapply.org/developing-the-research-essay/](https://goldwater.scholarsapply.org/developing-the-research-essay/)
Goldwater UNM Nominees

- November 21, 2021: UNM Nominees announced
- December 15: First Draft Due for short essays
- January 22, 2022: Deadline of non-UNM transcript(s) and Recommendation letters
- January 28 4:00 pm: Application Due
- March 25 10:00 am: Scholars announced
Goldwater UNM Nominees

Online Application

- Career Goals/Professional Aspirations
- Personal Information
- Research Activities (presentations/publications)
- Other Activities
- Awards, Honors, and Scholarships
- Recommender’s information
- 3-page essay (research essay)
Goldwater UNM Nominees

Supporting Documents

- Official College Transcript(s)
- Three recommenders
  - Research Mentor(s)
  - Faculty Members: academic excellence, and your potential for a career in math, science, or engineering
How Competitive

2021 Statistics

- 1,256 applicants nominated from 438 schools
- 408 scholarships awarded
  - 198 men / 206 women
  - 51 Math & CS / 289 Natural Sciences / 68 Engineering
- All intend to obtain a Ph.D.
UNM Recipients

- 2021: 4 scholars in Biochemistry, Electrical Engineering, Computer Science, and Biology
- 2019: 1 scholar in Physics
- 2018: 2 scholars in Physics & in Biochemistry
- 2017: 2 scholars in Biochemistry
  1 honorable mention in Chemical Engineering
- 2016: 1 scholar in Chemical Engineering
  1 honorable mention in Biochemistry
- 2015: 1 scholar in Physics
Future Scholarships

Rhodes Scholarship (March 10)*
Marshall Scholarship (March 10)*
Mitchell Scholarship (March 10)*
Gates Cambridge Scholarship (September)
Fulbright Scholarship (September 6)*
Churchill Scholarship (Goldwater Recipients)*
Hertz Fellowship (November)
NSF Graduate Research Fellowship (November)
SMART Scholarship (December)
DOE Graduate Fellowship (January)