UNM Preliminary Deadline: October 31, 2019

I. Eligibility

- Be a full-time junior or sophomore - Graduating between May 2021 and August 2022
- Be a U.S. Citizen or Permanent Resident
- Have a highly competitive GPA
- Major in mathematics, the national sciences, or engineering
  Obtain institutional nomination – Submit UNM Preliminary Application
  NISF.unm.edu → Prestigious Awards → Goldwater Scholarship → Application Form

II. Awards and Benefits

- Up to $7,500 for tuition, fees, books, and room/board (460 scholarships)
- Junior level scholarship: 2 years, Senior level scholarship: 1 year
- Honorable Mention

III. Criteria

- Research experience
- Strong commitment to a career in math, natural sciences, and engineering
- Potential for a significant future contribution in the chosen field
- Intend to pursue doctoral degrees (Ph.D.)

IV. UNM Process

- Online Application
- Supportive documents
  - UNM unofficial transcript
  - 3-page research proposal
  - A brief letter from your research mentor
- The selection is based on:
  - Research experience
  - Other activities - Leadership/community service experience
  - Potential and intent for a career in mathematics, natural sciences, or engineering disciplines that contribute significantly to technological advancements
  - Quality of essay: intellectual intensity in the chosen field & potential for a significant future contribution
V. Goldwater Application *(After you become UNM nominee)*
- Online Application [https://goldwater.scholarsapply.org](https://goldwater.scholarsapply.org)
- Typed essay (12 point Arial font, 1 inch margins on all sides, max 3 pages)
  
  “The strongest Research Essays students submit are based on a prior or current research experience. A Research Essay should include a description of the issue or problem, a discussion of the research methodology, and a discussion of the student’s findings. It is very important that the essay details a student’s specific contributions to the project and indicates the specific skills/expertise the student developed as a result of participation in the project. To demonstrate that a student ‘thinks like a scientist,’ the essay might describe future work the experimental data suggests or describe an entirely new work that is based on the skills and insights the student learned from the experience.”

VI. Supporting Documents *(After you become UNM nominee)*
- College/university transcript(s)
- Three recommenders
  - Two faculty members who can discuss your potential for a career in math, science, or engineering. At least one of them must be a faculty member in your field of study.
  - Another individual or faculty member who can attest to your potential.
  - If you have been involved in research, one of your recommendations must come from the individual who supervised your work.
  - Letters from former high school teachers, coaches, or family friends are generally of little value.

VII. Selection Process
- October 31, 2019 – UNM Preliminary Application Due
- November 21, 2019 – UNM Nominees Announced
- December 15, 2019 – First Draft Due
- January 24, 2020 – Submit Rec letter and non-UNM transcripts to CAELD office
  - **January 31, 2020 (4 pm)** – Deadline of Online application
  - March 27, 2020 (10 am) – Post recipients online

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1,223 applicants in 2019
493 scholarships awarded
- 241 men/252 women
- 62 Math /360 Natural Sciences Science /74 Engineering
- All intend to obtain a Ph.D. as their degree objective

UNM – Recent recipients
- 2019: Physics
- 2018: Physics & Biochemistry
- 2017: 2 Biochemistry (honorable mention: chemical engineering)
- 2016: Chemical Engineering (honorable mention: biochemistry)
- 2015: Physics