

Nationally Competitive Awards Campus Application

Q1.1 NOTE: You will not be able to save the application. Please be prepared to submit all essays and attachments at the time of applying. We recommend selecting the scholarship you are interested in and clicking the arrow at the bottom right of the screen to view the required components for preparation prior to submission.

Q1.2 First Name

Q1.3 Last Name

Q1.4 ISU Email

Q1.5 Please enter your graduation term and year:

	TERM	YEAR
GRADUATION DATE (1)	▼ Fall (1 ... Summer (3)	▼ 2016 (1 ... 2023 (8)

Q1.6 Cumulative GPA

Q1.7 College (primary major)

- BUS (1)
- CALS (2)
- CHS (3)
- DSN (4)
- ENG (5)
- LAS (8)

Q1.8 Major(s) & Minor(s)

Q1.9 I am a (select all that apply):

U.S. Citizen or Permanent Resident (1)

International Student (enter nationality/ies) (2)

Racial/Ethnic Minority (enter race/s) *optional (3)

1st Generation American (son/daughter one or more immigrant parents) *optional (4)

1st Generation College Student (parents did not attend university) *optional (5)

Q1.10 What is the highest degree you aim to attain?

Bachelor's (1)

Master's (2)

Professional (MD, JD, etc.) (3)

Doctoral (including MD/PhD) (4)

Q1.11 Please explain which graduate program/area you hope to study as well as list any potential target universities.

Q1.12 Please upload the most recent copy of your resume listing college activities and honors: awards, scholarships, employment, research, leadership, service, athletic record, publications, etc. This should be no longer than two pages in length.

Q1.13 Please upload your most recent unofficial transcript (pdf format).

Q1.14 Please select the scholarship/fellowship that you are applying for.
*select one - you must complete a separate application for each scholarship

- Boren (22)
- Fulbright (11)
- Gates-Cambridge (35)
- Gilman (36)
- Goldwater (1)
- Hertz (6)
- Knight-Hennessy (5)
- Mitchell (34)
- National Science Foundation - Graduate Research Fellowship (9)
- Rhodes/Marshall (4)
- Schwarzman (8)
- Soros (7)
- Truman (3)
- Udall (2)
- Other (10) _____

Q5.1 Iowa State University Goldwater Scholarship Campus Deadline: 3rd Monday in October

The Goldwater Scholarship Program, one of the oldest and most prestigious national scholarships in the natural sciences, engineering and mathematics in the United States, seeks to identify and support college sophomores and juniors who show exceptional promise of becoming this Nation's next generation of research leaders in these fields.

The characteristics the Foundation seeks in a Goldwater Scholar include:

- strong commitment to a research career in the natural sciences, mathematics and engineering,
- effective display of intellectual intensity in the sciences, mathematics and engineering, and
- potential for a significant future contribution to research in his/her chosen field.

Note to candidates: You will not be able to save and return to the application. We recommend working on your responses in a separate document and copy/pasting into the application form once ready to submit. The ISU Goldwater Scholarship Campus Committee will convene shortly after the deadline to select four nominated candidates for the national-level competition (national deadline in late January).

Please review the eligibility criteria [HERE](#) prior to completing the application process.

Contact Laura Good: lgood@iastate.edu with any questions or concerns.

Q5.2 In addition to this application, candidates need to create an account and complete the Goldwater pre-application [HERE](#).

*the pre-application should take approximately 15 minutes to complete and primarily requests simple, demographic information.

Q5.3 References: The Goldwater Scholarship requires three academic references (typically faculty members and/or research mentors).

At this stage, you do not need to submit letters of recommendation; however, we request that you do identify who would write those references in the case that you are selected as a nominee.

	Name (1)	Title (2)	Relationship (3)	Relationship Length (4)	Email (5)
Reference #1 (1)					
Reference #2 (2)					
Reference #3 (4)					
Alternate Reference #1 (5)					
Alternate Reference #2 (6)					



Q5.4 In one or two sentences, describe your career goals and professional aspirations. (200 characters)

**see examples [HERE](#)*

Q5.5 Please list up to five research activities (in order of importance):

	Starting Month/Year (1)	Ongoing? (2)	Ending Month/Year (3)	Average Hours/Week (Academic Year) (4)	Average Hours/Week (Summer) (5)	Name/Title of Project Mentor (6)	Publications/Pre (7)
Research Activity #1 (1)							
Research Activity #2 (2)							
Research Activity #3 (3)							
Research Activity #4 (4)							
Research Activity #5 (5)							

Q5.6 If you have research publications (including works that have been submitted for publishing) please provide additional details here. Where/when will it published? Are you a first author or co-author?

Q5.7 Please list up to five extracurricular activities (in order of importance):

	Organization (1)	Length of Involvement (months) (2)	Leadership Position(s) (3)	Describe your role/involvement (4)
Extracurricular #1 (1)				
Extracurricular #2 (2)				
Extracurricular #3 (3)				
Extracurricular #4 (4)				
Extracurricular #5 (5)				

Q5.8 Please list up to five recognitions (in order of importance):

**ex: scholarships, awards, achievements*

	Recognition (1)	Award Description (2)	Award Month/Year (3)
Recognition #1 (1)			
Recognition #2 (2)			
Recognition #3 (3)			
Recognition #4 (4)			
Recognition #5 (5)			

Q5.9 Please list up to five additional skills/accomplishments (in order of importance):

**ex: foreign language, musical skills, hobbies/crafts, technical skills, sports*

	Accomplishment (1)	Description (2)
Skill #1 (1)		
Skill #2 (2)		
Skill #3 (3)		
Skill #4 (4)		
Skill #5 (5)		



Q5.10 Expand on the above brief statement to more fully describe your career goals and professional aspirations. Indicate which area(s) of mathematics, science or engineering you are considering pursuing in your research career and specify how your current academic program and your overall educational plans will assist you in achieving your career goals and professional aspirations. (3,000 characters)

**see tips for responding to this question [HERE](#)*



Q5.11 Describe an activity or experience that has been important in helping shape or reinforce your desire to pursue a research career in science, mathematics or engineering. (1,500 characters)

**see tips for responding to this question [HERE](#)*



Q5.12 OPTIONAL: Goldwater Scholars will be representative of the diverse economic, ethnic, racial and occupational backgrounds of families in the U.S. Describe any social and/or economic impacts you have personally experienced that have influenced your education - either positively or negatively - and describe how you dealt with them. (1,500 characters)

**see tips for responding to this question [HERE](#)*

Q5.13 Research Essay:

Your essay may be typed single or double-spaced and use 12 point or larger Arial or Times New Roman font. Margins should be 1 inch on all sides. Page length should not exceed 3

pages. Your essay should include a bibliography and references and, if appropriate, include illustrations. Please upload in PDF format. Click [HERE](#) to view examples.

The strongest essays students submit are based on a prior research project. When writing an essay on a past research experience, it is important that you clearly state what YOUR contributions to the project were and indicate what specific skills/expertise you developed. To demonstrate that you “think like a scientist,” you should, when possible, describe future work your data suggests or work that still needs to be done to complete the current project. If you have not been involved in a research project, you can develop your essay on a “proposed” research project. Again, the reviewers will be reading your nomination in an attempt to determine the likelihood that you will pursue a research career. It is again in your interest to work to convince the reviewers that you have the characteristics that are needed to become a research scientist, mathematician or engineer. Your essay should follow the form of a research paper or, in the case of suggested research, a research proposal. Your essay should include background information, methodology, data collection, data analysis, the meaning of the data, and future research suggested by the results.



Q5.14 Do you plan to study abroad (or have you already done so)? Please explain.

**note: study abroad is not required*

End of Block: Goldwater
