

2024 SEAR Application

Please complete this form and submit it no later than 12 PM on Friday, March 1st. For the narrative responses, it is recommended that you type out your response in MS Word or some other word processor first (and save the document), and then copy and paste text into this form. Draft your responses carefully and take the time to edit them several times; they are one of the most important parts of your application. You will be able to return to edit the form at the end if necessary. If you have any questions about the form, please contact the FYRE Program Director at anienow@gustavus.edu.

* Indicates required question

1. Email *

Background Information

2. First Name *

3. Last Name *

4. 1. Are you currently in your second year of college (by residence)? *

Mark only one oval.

Yes

No

Maybe

5. 2. Are you currently enrolled at Gustavus Adolphus College? *

Mark only one oval.

- Yes
 No
 Maybe

6. 3. Do you plan to return to Gustavus next year? *

Mark only one oval.

- Yes
 No
 Maybe

References

Please provide the names and roles of three people that can provide a reference for your application. These must include at least two Gustavus instructors, and at least one that has been your instructor for a laboratory-based course (e.g., CHE107, BIO101, etc.). These individuals will be asked to respond to a series of questions about your potential for success in the FYRE Program, including questions about your academic performance and preparedness for a research experience. Please be specific about the roles of these individuals. For example, if Dr. Smith was your laboratory instructor for CHE107, please indicate those details. You only need to include email contacts for any off campus references.

7. Reference #1 - Name *

8. Reference #1 - Role *

9. Reference #1 - Email Contact *

10. Reference #2 - Name *

11. Reference #2 - Role *

12. Reference #2 - Email Contact *

13. Reference #3 - Name *

14. Reference #3 - Role *

15. Reference #3 - Email contact *

Narrative Responses

- 16. 1. Describe a moment in class or another experience you've had that captured your scientific interest and how that experience motivates you for the projects you have ranked highly for the SEAR project. (300-500 words) *

- 17. 2. Perseverance (the steady effort to maintain a course of action despite difficulty) is a crucial skill in a scientific research lab. Describe a time when you worked hard at something, even though there was an easier path. This need not necessarily involve science, or even college. (300-500 words) *

- 18. 3. Increasingly due to the complexity of today's research problems, science and engineering research projects both in industry and academe are being accomplished through teamwork. Describe an experience working on a complex project in a team. What skills did you develop through this experience and what skills do you hope to strengthen during SEAR? (300-500 words)

19. 4. (Optional) If there is an important aspect of your personal background or identity that you would like to share with the Committee, we invite you to do so here. Examples might include significant challenges in access to education, unusual socioeconomic factors, identification with a minority culture, religion, race, ethnicity, sexual orientation, or gender identity. Briefly explain how such factors have influenced your motivation for scientific research. (300-500 words)

Transcript

Upload your unofficial transcript here if you have one. If you do not, one will be requested from the registrar's office on your behalf.

20. Files submitted:

Project Ranking

Once you have met with at least three faculty mentors, please indicate your TOP THREE project choices in order of interest (1 = most interested; 3 = least interested). Please only rank projects of faculty mentors with whom you have met and discussed their project).

21. Rank your TOP THREE projects in order of interest (1 = most interested; 3 = least interested). Rank only projects of faculty members with whom you have met.

Mark only one oval per row.

	First Choice	Second Choice	Third Choice
Scott Bur	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Jeff Dahlseid	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Guarionex Salivia	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Katie Leehy	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Yuta Kawarasaki	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Julie Bartley	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Amy Kochsiek	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Dwight Stoll	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Erik Gulbranson	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Laura Burrack	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Darsa Donelan	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Amanda Nienow	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Jim Parejko	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Janie Frandsen	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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