

SYLLABUS for AST 599 – Graduate Fellowship Preparation

Fall 2023 - F 9:10 – 10:00 am

General Information:

- Meeting Times: *F 9:10 – 10:00 am (1 credit)*
- Location: *Physical Sciences Room 321*
- Mode of Instruction: *Face-to-face*
- Grading scheme: *Pass/Fail*
- Instructor: *Prof. Josh Emery*
 - Email: joshua.emery@nau.edu
 - Office: *Physical Sciences 323/324*
 - Office Phone: *928-523-6495 (landline – no texting capability)*
 - Office Hours: *By appointment*

Course Description: The National Science Foundation (NSF) Graduate Research Fellowship Program (GRFP) and the NASA Future Investigators in NASA Earth and Space Science and Technology (FINESST) program provide up to three years of fellowship support to early-career scientists. Winning a GRFP or FINESST gives you the freedom to pursue your own independent research program, and is an extremely prestigious fellowship to have to your name. This seminar series will help you to assemble a strong application for the GRFP and/or FINESST awards.

Course Objectives: This seminar series will help students understand the GRFP and FINESST funding calls, and will help students get an early start on their fellowship writing. We will workshop ideas for proposals, and will discuss writing and figures. As a group, we will perform mock panel reviews of draft proposals, thereby giving students ample feedback on their proposals prior to submission.

Course Topics Outline:

WEEK	DATE	TOPIC
1	Aug 30	(no class) Students read through GRFP website
2	Sep 6	Timeline; Overview of proposal writing; NSF GRFP Program
3	Sep 13	Idea Pitches; Proposal organization; Review criteria; Update Advisor
4	Sep 20	First Draft Proposal Due (by Wed, Sep 20); Group Feedback
5	Sep 27	Second Draft Due (Wed); Mock Review Panel; Draft to Advisor
6	Oct 4	(no class) Students continue revisions
7	Oct 11	GRFP Letters Due (5:00 pm Eastern) ; Fastlane; Group Feedback
8	Oct 15 (Tues)	GRFP Due (5:00 pm Local Time) (link)
	Oct 18	Intro to FINESST Program
9	Oct 25	FINESST Idea Pitches; Feedback
10	Nov 1	FINESST Idea Pitches; Feedback (cont); Update Advisor
11	Nov 8	FINESST Draft Personal Statements Due; Group Feedback
12	Nov 15	(no class) Students continue writing draft
13	Nov 22	FINESST Draft Research Statement Due (Wed); Group Feedback
14	Nov 29	(no class) Thanksgiving Break
15	Dec 6	2nd Draft Research Statement Due (Wed); Group Feedback