

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 111*
- 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 high-achieving, 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	Sep 1	Timeline; Overview of proposal writing; NSF GRFP Program
2	Sep 8	NSF GRFP and the GRFP solicitation; Update Advisor
3	Sep 15	Idea Pitches; Proposal organization; Review criteria
4	Sep 22	First Draft Proposal Due (by Wed, Sep 21); Group Feedback
5	Sep 29	Second Draft Due (Wed); Mock Review Panel; Draft to Advisor
6	Oct 6	<i>(no class; DPS week) Students continue revisions</i>
7	Oct 9-13	Fastlane Summary Due; Group Feedback; Department Panel
8	Oct 20	GRFP Due (5:00 pm Local Time) (link) (no class)
9	Oct 27	GRFP Letters Due (5:00 pm Eastern) ; Intro to FINESST Program
10	Nov 3	FINESST Idea Pitches; Feedback; Update Advisor
11	Nov 10	<i>(no class) Veterans Day</i>
12	Nov 17	FINESST Draft Personal Statements Due; Group Feedback
13	Nov 24	<i>(no class) Thanksgiving Break</i>
14	Dec 1	FINESST Draft Research Statement Due (Wed); Group Feedback
15	Dec 8	2nd Draft Research Statement Due (Wed); Group Feedback