

N3AS UNDERGRADUATE RESEARCH

5/26/2022

Annual Meeting Status Report

GOALS

1. Give students an opportunity to **contribute meaningfully** to research.
2. Train students to be **good researchers**.
3. Train mentors to be **effective mentors**.
4. Provide support to improve physics/astro **major retention**.
 - Build **community** with other students.
 - **Broad safety net** via multiple N3AS contacts.
 - Stoke **self-confidence and interest** via group activities, mentoring, and meaningful research.

DESIGN

- Advertise research position at department events.
- Apply via website.
- Individual mentors choose students after a casual interview.
- Mentors meet monthly to discuss issues/strategies.
- Students receive:
 - 10 hrs/week paid research
 - Research mentor (weekly)
 - Workshop/discussion (bi-weekly)
 - Secondary mentor (monthly)
 - Social activities (~semesterly – should be more often)
- **Transfer Students**
 - guaranteed secondary mentor & group participation in the fall.



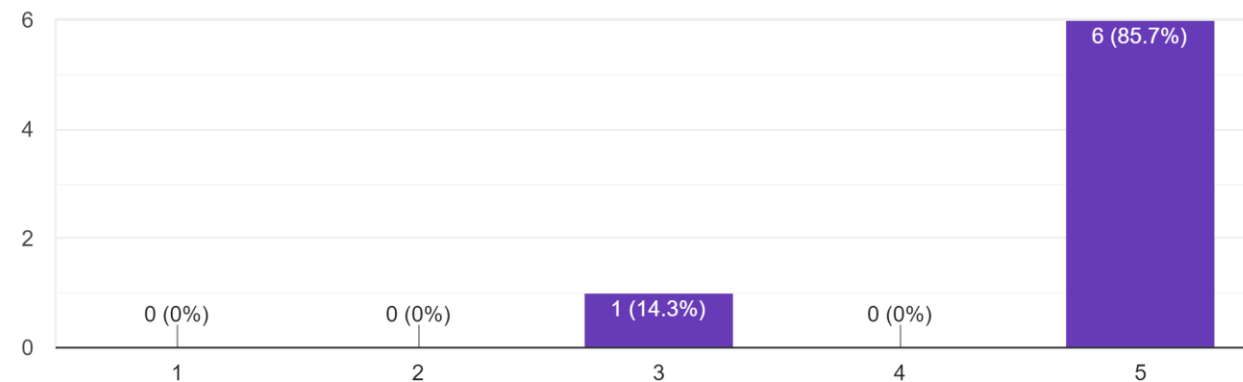
RESULTS

- Currently 19 students, 14 with research projects
- Exit Reasons
 - 3 **research** students **graduating** out (2 to grad school)
 - 1 **research** student – **other reasons**
 - 3 **non-research** students **became research students**
 - 3 **non-research** students after not getting research position

How valuable for your goals was participation in the N3AS program?

(Fall 2022)

7 responses



FUTURE NEEDS

- **Mentors are the limiting factor** – extend to other campuses?
- More standardized admission procedure
- More standardized culminating project
- More avenues for group interaction
- Improve transfer student emphasis