

**FIVE COLLEGE ASTRONOMY DEPARTMENT  
SUMMER 2024  
RESEARCH INTERNSHIPS**

Each summer the Five College Astronomy Department offers several undergraduate research internships with department faculty. The summer program will also include activities with other astronomy summer students and research talks by local astronomers. The internships will last for ten weeks beginning around **June 3, 2024**, and will provide a stipend of about **\$6000**. You will need to find your own summer housing. There are many summer sublet possibilities both privately and through campus services such as [offcampushousing.umass.edu](http://offcampushousing.umass.edu). There are also some separate scholarship opportunities for students at the individual campuses to obtain housing support.

The Five College Astronomy Department conducts research in a wide variety of areas, including the astrophysics of comets, stars, exoplanets, the interstellar medium, and galaxies. There are opportunities to work with radio, infrared, optical, and X-ray data, and to carry out computer modeling, instrument development, and data analysis.

*Eligibility: You should be enrolled at one of the Five Colleges (Amherst, Hampshire, Mt. Holyoke, Smith, or UMass) and not scheduled to graduate before the end of the academic year. The internships are open to astronomy majors, and majors in math and sciences who are actively considering a career in astronomy. Juniors planning to write a senior research thesis in astronomy are especially encouraged to apply. Exceptional applicants from other local universities or colleges may also be considered.*

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For full consideration, please fill out the form on the next page and return it along with the attachments (submit a single PDF file) by Wednesday, **March 1, 2024** to Prof. Kate Whitaker at [kwhitaker@astro.umass.edu](mailto:kwhitaker@astro.umass.edu)

## **Application for FCAD internship program for Summer 2024**

Name:

Email address:

US citizen (Y/N):

College/University:

Major:

Are you a member of CHC?

Scheduled date of graduation (mm/yy):

List the two highest-level courses that you have completed and your grade in each of the following.

Physics:

Math:

Astronomy:

What Physics, Math and Astronomy courses are you enrolled in currently?

What is your cumulative grade point average overall and for all of the courses you have completed in physics, math, and astronomy?

Overall:

Physics:

Math:

Astronomy:

What computer programming experience do you have?

List any previous research experience in astronomy or physics (not required):

Provide names and email addresses of two faculty members (at least one in astronomy) whom we may contact as references:

Please attach:

- (1) A 1 page essay describing your career goals and current interests in astronomical research
- (2) A copy of your college transcript (an unofficial version will suffice).