

## Magellan Observing Proposal Princeton University

<i>Date:</i> September 15, 2019
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**TITLE:** \_\_\_\_\_  
\_\_\_\_\_

**PI:** \_\_\_\_\_ Grad student?  Email: \_\_\_\_\_

Address: \_\_\_\_\_ Phone: \_\_\_\_\_

**CoI:** \_\_\_\_\_ Grad student?  Email: \_\_\_\_\_

Address: \_\_\_\_\_ Phone: \_\_\_\_\_

**CoI:** \_\_\_\_\_ Grad student?  Email: \_\_\_\_\_

Address: \_\_\_\_\_ Phone: \_\_\_\_\_

**CoI:** \_\_\_\_\_ Grad student?  Email: \_\_\_\_\_

Address: \_\_\_\_\_ Phone: \_\_\_\_\_

**Abstract of Scientific Justification:**

- *Is this proposal directly related to the PhD thesis of any of the investigators? If yes, explain in the Scientific Justification section.* \_\_\_\_\_
- *Are you a new user of the facilities or instrumentation you are requesting?* \_\_\_\_\_

### Summary of observing runs requested for this project

Run Telescope Instrument, detectors, gratings, filters, camera optics, etc.

1		
2		
3		

Run No. nights Moon age (d) Optimal dates Acceptable dates

Run	No. nights	Moon age (d)	Optimal dates	Acceptable dates
1				
2				
3				

- *List dates you cannot use for non-astronomical reasons.*

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**Scientific Justification** Please limit the justification plus figures to two pages of text. Do not change the font size. Explain if this is part of a longer-term project, and/or how scientifically useful partial completion of your program would be. Please relate to previous allocations of Magellan time, if relevant.

**Technical and Scientific Feasibility** Where appropriate, list objects, coordinates, magnitudes, surface brightness, desired  $S/N$ , wavelength coverage and resolution. The RA range of your targets is useful information for scheduling purposes. Justify the number of nights requested as well as the specific telescope, instruments, filters and lunar phase. Please limit this section to under two pages, including figures and tables.

**Previous Use of Magellan Time**

List your previous allocation of telescope time on Magellan in the past 2 years, together with the current status of the data (cite publications where appropriate). Please mark with an asterisk those allocations of time related to the current proposal. There is no page limit to this section.

**Other Telescope Time** Please describe other sources of telescope time for this project. In particular, if you have non-Princeton Co-Is (or Carnegie-Princeton fellows), indicate whether they are also proposing/contributing time on Magellan or other telescopes for this project. Who will lead the Magellan data analysis?

**Experience with Requested Facilities** Magellan requires that observers have training in the use of the facilities and instruments they plan to use for their research. Describe your team's experience with the facilities and instruments you have requested, or (if relevant) with similar instruments at other telescopes. If the observers for your program are new to either the observatory or instrumentation, describe in detail how you plan to acquire the necessary training to use these facilities. Also, describe who is likely to travel to Magellan, and any practical aspects associated with that (including the source of travel funds).