OBSERVING REQUEST
University of Arizona Observatories

Year: 2015 **Term:** Aug–Dec **Proposal type:** education/outreach

Annual Student-Faculty Interaction Event: ASTR 170B1

P.I.: Don McCarthy (SO; *dmccarthy@as.arizona.edu*; 621-4079)

CoI(s): G. Ziebell (UA Life)

Abstract of Scientific Justification

We plan to offer an observing night (September 18) for 30 freshman students in McCarthy's ASTR 170B1 course. This event has become a tradition over the last 14 years and is funded by the Dean of Students' Student-Faculty Interaction program in combination with UA's Residence Life. It includes afternoon and evening activities at the Astronomy Camp facilities at the summit of Mt. Lemmon Observatory followed by an evening of observing at the Kuiper 61" telescope.

Summary of observing runs requested for this project

Run	Telescope	Cage	Instrument	PI	AO	Nights	Moon	Scheduling Optimal	Scheduling Acceptable	Sharing Poss.	Sharing Adv.
1	61	f/13.5	Camp	*		1	B	Sep	Sep	no	no

Scheduling constraints and unusable dates *(up to 4 lines)*: Sep. 18 is preferred because of the relatively dark skies and is further from the monsoon potential. A Friday evening is required.

no text past this line

A ⋆ appended to the proposal type indicates a continuation proposal; a ⋆ appended to the name of a proposer indicates the proposer is a (graduate) student; a proposer whose name is underlined is certified on the proposed telescope/instrument combination; if a ∗ appears within the PI or AO box in the observations summary table, the instrument is a PI instrument and/or Adaptive Optics are requested – signatures are required on the next page.

Target list (attach list if longer than 26 objects)

#	Object	RA	Dec	mag / color / type / redshift / comment / etc.
1	*(Identify at least 1 object)*			

Approval for Instrument Use from PI: _____

*(have instrument PI signature appear on, or attach PI e-mail to, **all** copies)*

Graduate students *(provide the following information for **each** student named as PI or CoI on the cover page. Have the advisor's signature(s) appear on **all** submitted copies)*

Student's Name	Advisor's Name	Advisor's Signature	2nd-yr	Thesis

Scientific Justification

Each Fall semester, McCarthy and Greg Ziebell (UA Residence Life) sponsor an event on Mt. Lemmon and Mt. Bigelow that includes a night of observing at the Kuiper 61" telescope for 30 freshman students in McCarthy's ASTR 170B1 course. This event is sponsored by the Dean of Students' Student-Faculty Interaction program and has been a highly successful program for the last 14 years.

The day's program includes educational and recreational activities at the Astronomy Camp facilities at the summit, followed by a UA-sponsored "eegee's" dinner, and a night of observing at the Kuiper 61" telescope.

This event has been a significant motivational event in the lives of previous students. Students bond not only with each other but also with a UA professor (McCarthy), graduate student TA, and an administrative leader (Ziebell). The students also become better accustomed to the University. Students from previous years like to return but must do so at their own expense since this event focuses on freshman for retention reasons.

We request the night of September 18 on the Kuiper 61" telescope.

Experimental Design & Technical Description *Describe your overall observational program. How will these observations contribute toward the accomplishment of the goals outlined in the science justification? If you've requested long-term status, justify why this is necessary for successful completion of the science. (**up to one page**)*

Summary of Time Requested and Awarded *The TAC needs to understand the scope of this project — (1) tell us how many UAO nights you've already had for this project, how many you request this time, and (a good guess of) how many you need to complete the project; (2) if a substantial amount of observing for this project comes from non-UAO telescopes, tell us about that observing, and how the UAO part fits in; (3) if you are collaborating with people who have telescopes, especially if you are part of a large collaboration, tell us who is leading the project, and how UAO time and your participation fit in. (**up to one page**)*

Previous Use of Steward Facilities *List **all** allocations of telescope time for the present project and allocations for other projects on facilities available through UAO during the past 2 years, together with the current status of the data (cite publications where appropriate). Mark those allocations related to the present proposal (i.e, precede text with* `\related` *command). (**up to one page**)*