

Telescope Operator paid internship (2 positions)

Job Description

Dudley Observatory at miSci is hiring two telescope operators for our new roll-top observatory. The interns will operate a computerized telescope at public astronomy events at the Dudley Observatory at miSci, interact with visitors, and share their astronomy knowledge with the public.

Duties and responsibilities

Two interns will be hired- one for evening observing on Saturdays, Tuesdays, and special event evenings, and one for solar observing on Sundays and daytime special events.

Evening Intern will open, operate, and close the observatory and telescope:

- Every clear Saturday evening from 6:30-9pm in Fall/Winter and 8:30-11pm in Spring/Summer.
- The third Tuesday of every month from approximately 7-9pm in fall/winter and 8-10pm in Spring/Summer for our Night Sky Adventure program (regardless of weather)
- Special events including, but not limited to: 2 National Astronomy Days, National Asteroid Day, International Observe the Moon Night, and other special astronomy events as needed.

Solar observing Intern will open, operate, and close the observatory and telescope:

- Every clear Sunday afternoon from 1-3:30pm
- Special events including, but not limited to: 2 National Astronomy Days, National Asteroid Day, International Observe the Moon Night, and other special astronomy events as needed.

Interns will be allowed a set number of days off regardless of weather, with prior notification. Weather call will be made Saturday at noon, or earlier, for evening observing and Sunday by 9am, or earlier, for solar observing. Interns do not have to report to work on poor weather days unless otherwise stated.

Required Qualifications

- Associates Degree in physics, astronomy or a related technical field or equivalent school/work experience.
- Knowledge of astronomy, constellations, and astronomical objects
- Ability to work with computers and experience following standard operating procedures
- Strong communication and public speaking skills
- An outgoing and enthusiastic personality
- Ability to comprehend and follow strict safety instructions

Preferred qualifications

- Bachelor's degree in physics, astronomy or a related technical field or equivalent school/work experience.
- Formal or informal teaching experience with K-12 youth
- Experience conducting astronomy outreach as an amateur or professional astronomer
- Past experience operating an amateur computerized telescope

Stipend

Evening intern- \$2000 for one year, paid in monthly installments

Solar Observing intern - \$1000 for one year, paid in monthly installments

Anticipated start date: Late October 2017

Must be 18 years of age or older

Please send a cover letter and resume to Info@DudleyObservatory.org