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POSITION ANNOUNCEMENT
MASSIVE STARS UNDERGRADUATE RESEARCH ASSISTANT
Temporary Position - January-May 2025

Lowell Observatory Research Assistants perform research in support of Lowell scientists. This position will be supervised by Dr. Phil Massey.

RESPONSIBILITIES

The research assistant will work in collaboration with Dr. Massey on scientific research projects involving:

- Developing machine learning tool to identify Wolf-Rayet stars in Gaia spectra.
- Interpreting the results.
- Preparing the work for publication.

QUALIFICATIONS AND EXPECTATIONS

The Research Assistant is expected to work independently on scientific projects in close coordination with Dr. Massey. They must be able to prioritize objectives and tasks, set schedules, and complete agreed-upon research tasks within deadlines.

The position is expected to be a part time temporary position lasting approximately until mid-May 2025. The Research Assistant will have flexibility in deciding the scheduling of hours and tasks in any given week.

Applicants should describe in their cover letter relevant prior experience. Familiarity in programming with Python and similar languages is needed. Prior experience in working on science-related projects, especially as a lead, is a plus.

The Research Assistant will be expected to reflect the professional and collegial environment that the Observatory and the research group strive to maintain.

EXPERIENCE AND EDUCATION

Minimum requirements for this position are to be well advanced towards obtaining a bachelor's degree in physics and astrophysics, as well as significant class work in mathematics.

WORKING CONDITIONS

The Research Assistant will work at a computer, potentially sitting for extended periods of time. It will be necessary to move through the Flagstaff campus at 7,000' elevation, sometimes on uneven terrain. Occasional out of town travel may be needed to present results at scientific meetings or to participate in observing.

Status: Part-Time/Temporary
Term: Jan-May 2025
Compensation: \$20-\$23/hour
Hours: 10 per week
FLSA Classification: Hourly, Non-Exempt
Benefit Eligible: See Below*
Location: Flagstaff, Lowell Observatory's Mars Hill Campus and Northern Arizona University

To Apply: Please send the following documents to sciencejobs@lowell.edu

- Lowell Standard Application (<https://lowell.edu/about/career-opportunities/>)
- Resume
- Letter of interest
- Phone numbers and e-mail addresses of three references

The deadline to apply is 1/14/2024.

*Part-Time employees will receive sick time accrual according to AZ state law. After 6 months of employment, temporary employees are eligible to participate in a 5% match if they contribute 5% or more to their retirement plan, as well as 2 paid personal days per year.

Employment is subject to passing a background check

Lowell Observatory is proud to be an equal opportunity workplace and is an affirmative-action employer. We are committed to equal employment opportunity regardless of race, color, ancestry, religion, sex, national origin, sexual orientation, age, citizenship, marital status, disability, gender identity, or Veteran status. Lowell Observatory has always been, and always will be, committed to diversity and inclusion. We seek individuals from all backgrounds to join our teams, and we encourage our employees to bring their authentic, original, and best selves to work.

Lowell Observatory sits at the base of one of the mountains sacred to indigenous tribes throughout the region. We honor their past, present, and future generations, who have lived here for millennia and will forever call this place home.

Lowell Observatory is committed to providing access, and reasonable accommodation in its services, programs, activities, education, and employment for individuals with disabilities. Our non-smoking campus is at an elevation of 7,200ft/2200m, and the LDT is 40 miles south of Flagstaff at an elevation of 7,800 ft/2370m. If you need reasonable accommodation for any part of the application and hiring process, please notify the Human Resources office for assistance.

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