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POSITION ANNOUNCEMENT

NATIVE AMERICAN ASTRONOMY OUTREACH PROGRAM EDUCATOR

The Lowell Native American Astronomy Outreach Program (NAAOP) pairs astronomers and educators with 4th-8th grade teachers at schools on the Navajo, Hopi, and other nearby Native Nations. The goals of the program are 1) to use astronomy to help teachers get Native children excited about science, and 2) to help teachers of Native students learn about astronomy and interactive astronomy activities that they can incorporate into their classroom curriculums. The in-class curriculum is extended in summer camps for rising 6th, 7th, and, starting in 2022, 8th grade students. This position reports to the Native American Astronomy Outreach Program Manager.

RESPONSIBILITIES

During the school year: The Educator works with one or two teachers, making multiple visits to the classroom to do hands-on astronomy activities or our specially-created curriculum units with the students in collaboration with the teacher. You must collect all materials for the activity, including introductory information, in a simple and organized manner so that the teacher can use them again in subsequent years. It will be important to familiarize yourself with the Arizona state and other science standards for the grade level you are working with. We ask that you hold at least one star party at the school or participate in school-wide star parties where we have multiple partnerships, as well as help others with their star parties. You will also organize the class spring field trip and help out with the other field trips. You should make an effort to bring traditional astronomical knowledge to the classroom through our tribal collaborators or NAAOP expertise. You will also be responsible for ensuring that your class completes the program evaluation questionnaire before your first visit and at the end of the school year. At the beginning of the school year, we hold training days for the teachers and their Lowell partners, and you will be expected to participate and help with those. There are also periodic NAAOP team meetings.

Additional activities may include, for example, putting bins of materials together for curriculum units, providing support to other Partners, and helping with fundraising activities.

Summer Camps: the week-long residential summer camps include a several-day training period and possibly long hours as a camp counselor. The Educator will be responsible for the safety of campers and for helping to carry out the lessons and field trips. The Educator should also be prepared to help campers adjust to life away from home and difficulties with the activities, as needed. Camps may also involve curriculum development, assembling materials, driving a van, getting meals and snacks, arranging logistics, overnight camping outside, and dealing with camper paperwork.

QUALIFICATIONS AND EXPECTATIONS

It is necessary to enjoy working with kids and be able to make the astronomy lessons age-appropriate, have a respect for Native cultures, be patient in communicating with teachers, and be reliable in follow through. You must also be able to drive, and can expect to drive 1-6 hours to reach a school.

The Educator must be personable, energetic, enthusiastic, and have a good sense of humor. Some evening hours will be required. Must be punctual, articulate, and present a professional image in the classroom or summer camp. Must be organized and keep track of receipts for expenses. Must pass a background check and carry a valid driver's license.

EXPERIENCE AND EDUCATION

College level classes in Astronomy, Physics, or related field, are recommended. Astronomy background is required. Knowledge of Navajo, Hopi, or other northern Arizona Indigenous cultures is preferred.

WORKING CONDITIONS

- **Travel:** Frequent travel required. Ability to drive an automobile or van with a valid driver's license required. Driving a vehicle in inclement weather on unpaved roads.
- **Conditions:** Working at a computer for extended periods. Frequent movement throughout campus, often over uneven terrain and in inclement weather. Must be available to work nights and weekends when needed.
- **Duties:** Speaking and listening, both in person and via telephone or video conferencing. Ability to lift files, office equipment and telescope equipment weighing up to 35 pounds.

Status:	Full Time, Regular 40 hrs/week.
Hours:	Flexible
Compensation:	\$18-\$19/hr
Benefit Eligible:	Yes*
FLSA Classification:	Hourly, Non Exempt
Location:	Flagstaff and Navajo, Hopi, or other nearby Native Nations

Funding for this program is generally provided by donors, private foundations and occasionally Federal grants. Therefore, this position depends on continued funding.

*Benefits Overview: In addition to 11 scheduled paid holidays, Lowell Observatory offers a Flexible Paid Time Off policy for all full-time, benefit eligible employees which allows you to determine how much time you need to rest and enjoy yourself outside of work. The cost of premiums for medical, life & long term disability insurances for benefit eligible employees is 100% paid by the company, and includes a contribution to either an H.S.A or HRA account for first dollar medical expenses. Up to a 5% match on retirement contributions after 6 months of employment and funds in lifestyle spending account provided by the observatory.

To Apply:

Please send the following documents to humanresources@lowell.edu

- Lowell Standard Application (www.lowell.edu/careers)
- Letter of interest addressing your qualifications
- Resume
- Phone numbers and e-mail addresses of three references

Deadline for Applications is Sunday August 8th 2021 at Midnight.

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 mountains sacred to 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 a reasonable accommodation for any part of the application and hiring process, please notify the Human Resources office for assistance.

VERSION July 2021/HR