



## INTERNSHIP OPPORTUNITY

Position Title: Physics Lab Educator  
Reports To: Physical Sciences Coordinator

Department: Museum Education  
Location of Workspace: Physics Lab

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### SUMMARY OF POSITION:

Museum Education interns are in the halls and labs of OMSI where they facilitate hands-on science experiences and inspire museum guests to make amazing connections with science through activities, demonstrations, and informal interactions. Interns assist Museum Education staff in the regular presentation and development of the museum halls and labs.

This summer internship position is for the Physics Lab and reports to the Physical Sciences Coordinator. Visitors to the Physics Lab explore concepts such as electricity, magnetism, optics, sound and more. Home to some of OMSI's longtime favorite activities like the one-of-a-kind hand cranked Van de Graaff generator, the Physics Lab is growing to include a 3-D printer, and new activities to go along with the classics!

For best consideration, please submit your summer internship application by **April 10, 2019**. Applications submitted after that date will only be reviewed if unfilled positions remain.

### EXPERIENCES THIS POSITION WILL PROVIDE:

- Facilitating hands on physics and engineering activities and interactions with museum guests of all ages and abilities
- Working in a collaborative environment with paid and unpaid staff of a variety of ages, experiences, and backgrounds
- Opportunities to develop individual or team projects including (but not limited to) creation of demonstrations, development of lab materials, or assisting with reserved lab classes

### KNOWLEDGE/SKILLS/ABILITIES:

*What we are looking for:*

- Self-directed and willing to take initiative
- Strong communication, customer service, and problem solving skills
- Desire and ability to present science content and process in an engaging way to a wide audience
- Background or interest in physics, engineering, and/or education preferred
- Must be dependable, punctual, and willing to commit to a regular schedule
- Present a professional personal appearance and conduct

*Training you will receive:*

- Museum safety and emergency response
- Lab specific maintenance and procedures
- Engaging in and facilitation of physics demonstrations and activities

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For more information, contact Volunteer Services at 503-797-4615 or  
[VolunteerServices@omsi.edu](mailto:VolunteerServices@omsi.edu).

Visit our website at [www.omsi.edu](http://www.omsi.edu). OMSI is located at  
1945 SE Water Ave, Portland, OR 97214

- General informal science education philosophies and pedagogy
- Facilitation best practices, including how to facilitate intergenerational communication, frame questions, gauge and respond to guests' social and educational goals, cultivate learner-driven investigations, and practice reflective facilitation

#### SCHEDULE:

- Minimum of 16 hours per week for 12 weeks/3 months.
- General shift times are 4 to 8 hours, Sunday-Saturday, usually between the hours of 9:00am and 5:30, with occasional need for evening hours. Both weekend and weekday availability preferred.

#### LEARNING OUTCOMES:

- Recognizing and promoting of science process skills in informal education
- Fostering learner-driven investigations
- Negotiating facilitator and visitor goals
- Cultivating reflective facilitation practices
- Supporting culturally responsive facilitation techniques
- Gaining knowledge of museum culture and practices
- Strengthen understanding of basic physics concepts
- Develop and improve science communication skills

#### PHOTOS OF WORK AREA:



#### HOW TO APPLY:

To apply and submit your [online application](#), along with a resume and cover letter. As part of the hiring process you may be invited to interview. If hired you will need to complete a background check.