



Position Title: Physics Lab Facilitator
Reports To: Physics Lab Coordinator
And VE Engagement

Department: Museum Ed.
Location: OMSI Museum
Water Ave

Position Summary: Volunteers in the OMSI Physics Lab support museum guests' exploration of a variety of physics phenomena, from light and sound waves to magnets and hair-raising experiences with electricity! Volunteers should have enthusiasm for experimentation and passion for presenting hands-on learning activities in a safe manner to further engage museum guests in the amazing interactions that happen in the world.

Essential Duties and Responsibilities:

- Ask open-ended questions, co-investigate, and use other facilitation techniques to help promote inquiry and encourage museum guests to engage with physics phenomena
- Present various interactive physics demonstrations to an audience of diverse backgrounds and ages (demonstration examples include the dancing water bowl, vacuum chamber, Van de Graaf generator, and more; training provided)
- Assist in maintaining lab exhibits and activities, including refilling activity supplies and tidying exhibits
- Maintain a safe, secure, and inviting environment for museum guests and staff Assist staff with other duties as needed

Working Conditions

- Physical Demands: 70% sitting, 25% standing, 5% lifting/carrying 5-20 lbs;
 - Ability to push or pull carts and other equipment up to 5-20 lbs;
 - Requires some crouching, bending, or stooping;
 - Requires some climbing, crawling, kneeling, and twisting.
- Vision Demands include:
 - Close vision (clear vision at 20 inches or less)
 - Distance vision (clear vision at 20 feet or more)
- Environmental Demands include:

To apply, visit our [website](#) and find our registration form or for more information contact Volunteer Engagement at 503 797 4513 or Volunteer@omsi.edu



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- Regular and consistent public interaction
- Noise Levels include:
 - Moderate (examples: indoor playground, light traffic)
 - Heavy (examples; gym class, elementary school recess)

Knowledge, Skills, and Abilities :

- Interest in physics or science education.
- Demonstrated interpersonal and communication skills and ability to provide positive, culturally-responsive customer service.
- Comfort and ability to engage diverse populations of learners in interactive learning, with an emphasis on customer service and presentation
- Ability to model and support teamwork and collaboration with colleagues (paid and unpaid) with varied skills and responsibilities;
- Ability to pivot between individual and team work.
- Ability to maintain a calm, friendly, and professional demeanor in a variety of settings.
- Ability to adhere to OMSI policies, procedures, timeliness, and professional appearance standards.
- Ability to learn current equity, diversity, inclusion and social justice theories and practical applications, including critical theories of systemic oppression, unconscious bias, and personal identity and intersectionality matter

Schedule and Support:

- Attend the following trainings or classes provided by OMSI:
 - Volunteer Orientation & Emergency Protocols
 - Mandatory Reporter Training (if over 18)
 - Hazardous Communication Training
 - Informal Education Training
- Minimum 4 hours per month
- Schedule follows Monday (if open)-Sunday shifts from 9:30am-1:30pm and 1:30pm -5:50pm.
- Volunteers will be asked to sign up for shifts which match their availability

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Volunteer Benefits:

- Training opportunities and a lifelong learning experience
- Admission for the volunteer to the museum exhibits and attractions based on availability
- An OMSI Family Membership upon completion of 50 hours of volunteer service
- Discounts in the OMSI Science Store and onsite eateries
- The opportunity to connect with new people and learn more about OMSI

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