

# OREGON MUSEUM OF SCIENCE AND INDUSTRY

Title: OMSI Earth Sciences Educator  
Reports To: Senior Educator, Earth Sciences Hall  
Position Type: Work-Study

Department: Museum Education  
Unit: Science Education

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## SUMMARY OF POSITION:

The Earth Science Hall focuses on how earth systems and humans affect each other. The Earth Hall includes the Earth Science and Paleontology Labs and an exhibit called *Science On a Sphere (SOS)*. *SOS* is a six-foot diameter globe with data visualizations projected on it. These include weather, real-time earthquakes, climate change models, ocean currents, and other planets. This work-study position has two roles: (1) to facilitate visitors' learning experiences through informal interactions, demonstrations, and lab activities, *SOS* presentations, and assist with classes as needed and (2) to assist with maintenance of the labs and *SOS*.

## ESSENTIAL DUTIES AND RESPONSIBILITIES:

- Interact with visitors to help them explore and learn from exhibits and lab activities. These include a stream table, and exhibits on density, plate tectonics, renewable energy, and climate change.
- Present Science on a Sphere presentations to groups of 5 to 60 visitors.
- Share accurate science and museum information with guests.
- Maintain integrity and appearance of hall and lab exhibits on a daily basis. This includes setting up and taking down the stream table and resetting exhibits in the Earth Science Lab between visitors.
- Participate in the planning, development, and presentation of hall and lab-based activities and demonstrations.
- Maintain a safe and secure environment for visitors and staff.
- Help train and supervise Earth Science education volunteers.
- Be prepared to be trained and work in other science halls or labs as needed.
- Must be dependable and punctual, and be willing to commit to a schedule.
- Must present a professional personal appearance.
- Assume tasks and responsibilities as assigned by the Earth Sciences Coordinator.

## QUALIFICATIONS:

- Ability to present science process and content in an engaging way to a broad age range.
- Flexibility.
- Self-directed and willing to take initiative.
- Willing to get wet or dusty at times.

## KNOWLEDGE AND SKILLS:

- Strong communication and customer service skills.
- Have an earth science background in geology, weather and climate, oceanography, or paleontology.
- Willing and able to present *Science on a Sphere* presentations with a microphone in front of audiences of 5 – 60 visitors

## EDUCATION AND WORK EXPERIENCE:

- Working toward a BA/BS in science or education, with college course work in the earth sciences.

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OMSI is located at 1945 SE Water Avenue, Portland, Oregon 97214.  
For more information, contact Volunteer Services at 503-797-4615 or [volunteerservices@omsi.edu](mailto:volunteerservices@omsi.edu).

## OREGON MUSEUM OF SCIENCE AND INDUSTRY

Title: OMSI Earth Sciences Educator  
Reports To: Sue Wu, Earth Sciences Educator  
Position Type: Work-Study

Department: Museum Education  
Unit: Science Education

- Experience working with the public in formal or informal educational settings highly desirable.

### HOW TO APPLY:

**This position is only available to students who have been awarded Federal Work-Study funding as part of their financial aid package.** To apply, submit your [online application](#), resume and cover letter. Visit to begin your application [www.tinyurl.com/omsiworkstudy](http://www.tinyurl.com/omsiworkstudy)