



## INTERNSHIP OPPORTUNITY

Position Title: Research & Development + Design  
Assistant Intern  
Reports To: Exhibit Developer / Creative Director

Department: Exhibits  
Location of Workspace: OMSI/Pepco &  
From Home

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### SUMMARY OF POSITION:

This internship offers a unique opportunity to be involved in many aspects of the exhibit development process at OMSI through an assistance role. The focal topic centers on the creation of a traveling exhibit called *Designing Our Tomorrow: Mobilizing the Next Generation of Engineers (DoT)*. *Designing Our Tomorrow* seeks to broaden participation in engineering and build capacity within the Informal STEM Education (ISE) field while raising public awareness of the importance of sustainable engineering design practices. OMSI will collaborate with the Biomimicry Institute, Adelante Mujeres, and the Fleet Science Center. A Youth Advisory Panel comprised primarily of Latina girls aged 9–14 will provide target audience perspectives in the exhibit development process. This exhibit is funded by the National Science Foundation. The Designing Our Tomorrow project will also include the development of a framework for creating exhibit-based engineering design challenges and expand an existing model of facilitation for use in engineering exhibits. The project is co-developed with culturally responsive strategies to ensure the inclusion and influence of families from Latino communities.

The Research and Development (R&D) + Design Assistant Intern will assist Exhibit Developers and Experience Designers in various aspects of exhibition development and experience design. Early phases will focus on research (overall topic and audience, including some lit review) employing user-centered design approaches. Emerging from this research phase the candidate may help generate mood boards, early concepting and schematic design for *Designing Our Tomorrow*. This is a great opportunity to gain experience and build your portfolio at one of the country's top science and technology centers.

### EXPERIENCES THIS POSITION WILL PROVIDE:

- Opportunity to employ Generative Research methods
- Experience with Evaluative Research methods
- Use of the Interpretive Design approach
- Practice working on presentation techniques

### KNOWLEDGE/SKILLS/ABILITIES:

*What we are looking for:*

- Undergraduates, graduate students, or professionals in the field.
- Demonstrated interest in the creation of exhibit experiences promoting learning.

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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

- Self-directed, willing to take initiative, and detail-oriented.
- Excellent communication, organizational, and writing skills.
- Excellent research skills (library, databases, interviews, and Internet).
- Excellent analytical thinking skills.
- Excellent interpersonal skills.
- Cultural competency skills.
- Ability to learn quickly.
- Ability to work simultaneously on multiple, diverse tasks.
- Ability to meet deadlines.
- Ability to work effectively on a team.
- Respect for confidentiality.
- Dependable, punctual, and able to commit to a schedule.
- Proficiency in the following software programs: Microsoft Word, Excel, and Internet browsers (Power Point experience preferred).
- Proficiency in the Adobe Creative Suite
- Experience in generating designs and transferring them to a built object is a plus.

*Training you will receive:*

- This candidate will learn how to cull the best research data and organize it in a way that leads to larger development arcs. Upon identifying and embarking on research (ranging from lit reviews to story arcs, to user testing to mood boarding the look and feel of the exhibit, the candidate will also learn how to effectively present the discoveries to the rest of the team.

**SCHEDULE:**

- 8 hours per week for a minimum of 3 months
- Negotiable within Monday-Friday, 9am-5pm
- Candidate will work at Pepco in the design office for 3 hours/week and have the opportunity to work from home for the balance of the week. Candidate provides their own computer.

**LEARNING OUTCOMES:**

- Recognizing and promoting of science process skills in informal education
- Culling, organizing and presenting design inspiration in the form of PPT/PDF decks

**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.