



SCIENCE
Children's Museum & Planetarium
FACTORY

2300 Leo Harris Pkwy, Eugene OR • 541-682-7888 • www.sciencefactory.org

Exhibit Hall Hours: Wed. - Sun., 10 am - 4 pm, July & Aug. 10 am - 4 pm daily • Planetarium Shows: Sat. & Sun., 1 & 2 pm

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The Latest from the Science Factory

Tot Discovery Days are Back!

If you have a child 5 or under, make plans to attend "Tot Discovery Day" this Friday from 10am-noon where we will have a "Bubble Bash!" Held on the first Friday of each month, this series of drop-in classes designed just for tots and an accompanying adult is one of our most popular classes! It's free for Science Factory members, or \$10 per parent/child combination with additional children \$2 each. [Learn more >>](#)



Official Media Sponsor



Sept. 5 & 6 are the FINAL DAYS to see "40 Years from the Moon" in the Planetarium! The Planetarium will be closed from September 7-26. "Up in the Sky" will be shown at 1pm on weekends starting again on September 27. A new show, "**Dangerous Voyage**" will open on October 10 at 2pm.

It's almost here! Our biggest exhibit in years, "Your Healer Within" opens September 23 This exhibition contains a whopping 39 interactive exhibits geared toward visitors of all ages. Its central theme is the prevention of disease through healthy lifestyle choices, taught with a high touch/high tech approach. The exhibition has been well-received in its travels to museums such as the Smithsonian and OMSI. We expect it to be a hit among families and classes on field trips. [Click here to learn more about the exhibit.](#)

Members! Mark your calendars now for the exhibit opening party on **October 2 from 5pm - 7pm.**

We would like to thank our major exhibit sponsors:

Please note: We will be closed from September 12 - 22nd for exhibit change. We are also closed on days with home Duck football games, so please plan accordingly. [See a list of football dates.](#)

Programming and Announcements

Woodard Family Foundation Gift to Refurbish Tot Spot

The Woodard Family Foundation has generously pledged \$6,000 to the Science Factory to purchase exhibits and materials for our "Tot Spot." The renovated area, designed for children under six, will launch with an ocean theme in early 2010. A portion of the donation was from the Emerging Generation trustees of the Woodard Family Foundation, made up of the younger members of the Woodard family who range in age from 9 to 16

years old. Thank you!

Chambers Family Foundation Grant Helps with Computer Lab Upgrade

Just a week before camps started this summer, we got great news from the Chambers Family Foundation: they were going to help us upgrade our computer lab with brand new Mac "Minis." This was just in time, as our multimedia camps like "Movie Makers" and "Web Design" would've been difficult to conduct on our outdated machines.

We're also launching Saturday morning computer workshops on movie making and web design for 10-12 year olds this fall, starting on October 24. Mark your calendar!



Summer Science Adventures a Success!

Thank you to everyone who participated in our Summer Science Adventures, sponsored by Symantec! We were able to conduct 50 camps with 576 spots--enrollment equaling 91% of capacity. With support from EWEB and Symantec, we were especially pleased to be able to offer 56 full or partial scholarships to children from families with limited resources.

Camp attendance numbers are very important, but only tell half the story--educational value and fun also matter. Based on evaluations completed by parents and campers, we got higher marks on every measure over last year. On a scale of 1 to 5, our camps were rated 4.55 for "overall camp experience" and

4.33 for "camp learning," and our instructors received a 4.66.

Science Pub

The Science of Restoring Rivers: Floodplain Restoration on the Willamette

with Chris Orsinger

Thursday, September 10

7:00 p.m.-9:00 p.m. at

Cozmic Pizza (8th and Charnelton)

Come early if you want to order food and drinks and get a seat!

Rivers and their floodplains provide homes for salmon and other aquatic critters, as well as drinking water, recreation, and rejuvenation for humans. Floodplains also produce "ecosystem services," such as absorbing our pollution, providing water for irrigation, detaining and storing floodwater, and providing favored places to build. Yet, with climate change, a growing population and crashing salmon runs, how can "science" help? At this Science Pub, Chris Orsinger will speak about how to apply knowledge from the sciences of hydrology, the geology and shape of rivers, climate predictions, and native plants to restore healthy rivers.



Chris Orsinger is the executive director of [Friends of Buford Park & Mt. Pisgah](#). As the leader of Friends of Buford Park, he oversees a native plant nursery growing over 85 species, prairie and oak savanna restoration, and trail enhancements. The organization involves over 600 volunteers annually.

Science Fun Fact: Bacteria & Anti-bacterial Soap

Right now you have about 12 billion organisms living on your skin!

The human body provides habitats for a variety of microorganisms, such as yeasts and bacteria. It is estimated that the average number of microorganisms on the surface of one square inch of human skin is about 50 million. This figure varies greatly. For example, your dry elbows are like a desert ecosystem with fewer than 50 million microbes, while your moist, oily armpits are like a rainforest with as many as 500 million microbes per square



inch. Because they are so small, if the 12 billion microorganisms on your skin were rolled into a ball, they would be smaller than a pea. As gross as that sounds, most of these microbes are harmless and, as with any ecosystem, different species keep each other in check, which is to your benefit.

Anti-bacterial materials on your skin can disrupt these ecosystems, killing the beneficial microbes that control the harmful ones, which can leave you open to infection. Your best bet is to wash regularly with plain old soap. This removes the dead skin cells and sweat your skin is constantly producing, which also removes the food that is attracting pathogenic bacteria to you in the first place.

Thank You, Volunteers!

A big thank you to **Laura Taggart-Murphy** and **Paul Cziko** (pictured) who represented the Science Factory at fairs and festivals in August.

Also, a big thanks to the high school students who served as volunteer camp counselors in August: **Samantha Johnson, Amanda Walker-LaFollette, Daniel Cordua, Martin Kelly, Indra Orozco-Urena, Erin Lashaway, Britni Cacan, David Bao, Genni Koberstein, Mekhala Dissanayake, Haley Lorenzen, Jack Carol, Steffi Rice, Rodolfo Oliveira, and Zev Feinstein.**



Thank You, Donors!

We would like to thank the following businesses, organizations, and individuals for their generous sponsorship of the "Your Healer Within" exhibit:

Platinum Sponsors (\$10,000+)

PeaceHealth Laboratories
Western University College of Osteopathic Medicine of the Pacific

Gold Sponsors (\$5,000-\$9,999)

Lane County Medical Society

Silver Sponsors (\$2,500-\$4,999)

Café Yumm
PacificSource Health Plans

Bronze Sponsors (\$1,000-\$2,499)

Oregon Medical Group
Osteopathic Physicians & Surgeons of Oregon

Individual Donors

Sarah Case & Bob Pelz
The Menen Family
The Sheerin Family
Jason Tavakolian and Jennifer Lamberg

We would also like to thank the following community members for their support this month: The **Woodard Family Foundation** for their grant for the Tot Spot (see story above); **Matt Harris; Betsy & Andy Halpern**, in honor of Ian Means; and **Kay Philpott**. Thank you all for your continued support!

Welcome, New Science Factory Members!

We now have 1,421 member families! Join us in welcoming our newest members:

Stacey & Ryan Baker, Beatrice & Ekkehart Boehmer, Christina & Joe Bruns, Jana Harvill & Ivan Correa, Tracie & Joel Henry, Scott & Heather Hill, Amanda & Devi Hughes, James & Shangrila Joshi Wynn, Leontien Kenbeek

& Giovanni Schoordijk, Julie Kim, Pamela & Richard Krein, Chris & Eileen LaRiccia, Janis & Richard Lariviere, Maren & Carolyn Lee, Steve MacKelvie, Kim Malone & Jeff Burek, Michael & Julie Millage, Shannon & Benjamin Mowry, Rachel & Nick Pereza, Stuart Phillips & Emily Wicks, Julie & Ted Rice, Gayle & Tim Sawyer, Tyrza Sherman, Jenny Sonza & Brian Hibma, Bob Stewart, Ilona & Danny Stobaugh, Esther & Matt Streisfeld, Spencer & Davian Strnad, Scott Wamser, Jana & Shane Waterman, Roxanne & Michael Young

Pictures from Camp - It looks like they had as much fun as we did!



We hope you've enjoyed this issue of the Science Factory eNews. If you have thoughts, feedback, questions or just want to say hello, please email us at sfmarketing@sciencefactory.org.

We hope to see you soon!

Science Factory Staff

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Regular Hours: Wednesday-Sunday, 10am-4pm

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