

Saturday, March 12, 2011

Registration will be in Wenatchi Hall off 5th Street.

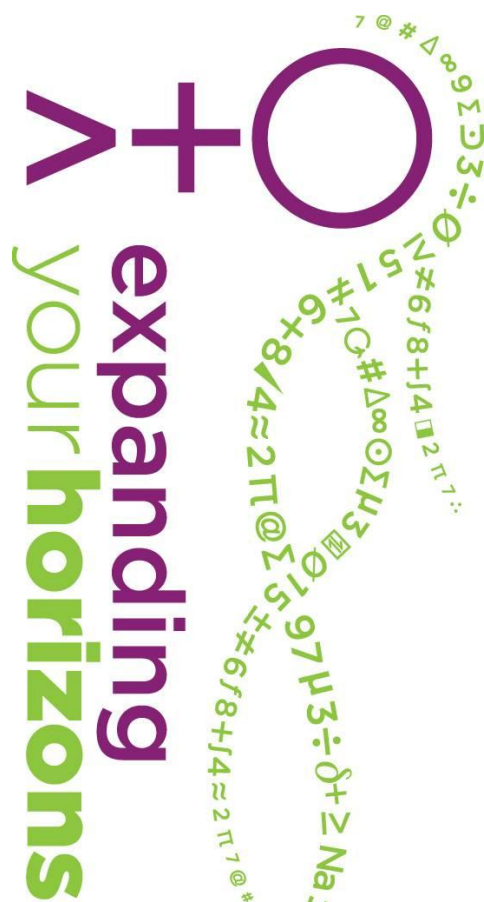
Coming by bus? Please drop off in front of Wenatchi Hall and then park buses in the Upper Gym lot.

Coming by car? Please park in this visitor lot.

**Expanding Your Horizons
At
Wenatchee Valley College**

1300 5th Street
Wenatchee, WA 98801
Phone (509) 682-6847
Fax (509) 682-6601

www.wvc.edu/expandingyourhorizons.asp



Wenatchee Campus

Saturday, March 12, 2011

Conference Schedule
Expanding Your Horizons

What's in it for me?

The choices you make in school today will affect your career opportunities for years to come. Come find out about exciting careers from women who work in science, math and technology fields in our part of Washington. Let us show you the possibilities!

SCHEDULE
Saturday, March 12, 2011

- 8:30 AM - 9:00 AM Check In/Register at Wenatchi Hall
- 9:00 AM - 9:10 AM Welcome and Directions
- 9:20 AM - 10:00 AM Workshop Session I
- 10:10 AM - 10:50 AM Workshop Session II
- 11:00 AM - 11:40 AM Workshop Session III
- 11:50 AM - 1:00 PM Closing Session/Lunch

Wenatchee Valley College's Health Sciences Building, **Wenatchi Hall**, is on 5th Street, six blocks west of Miller Street. (Turn west at Safeway.)

Wenatchi Hall is the three-story building with the glass atrium. Parking is available for private cars in the visitor lot just to the east of the building. Buses may unload students in the circle drive off 5th Street and then park further west on 5th Street in the upper Gym lot.

Look for the EYH bus sign.

This publication was developed with funds from the Carl D. Perkins Act.

EYH Medical and Photo Release

(Cross out any statement with which you do not agree):

- I give permission for my child to receive emergency medical treatment and care.
- I give permission for my child to be photographed and videotaped and for the images to be published in newspapers, magazines, and on the Internet for promoting the EYH conference.

Parent/Guardian Signature _____ Date _____

Parent/Guardian – Print Name _____

In case of emergency, please call: (____)____-____

Registration is a two-step process:

First, **register online** at www.wvc.edu/expandingyourhorizons.asp. Second, to complete registration, **you must pay the registration fee by mail**. We cannot accept online payment.

Please return this form with your check to:

Expanding Your Horizons (EYH)
c/o Riva Morgan
Wenatchee Valley College
1300 5th Street
Wenatchee, WA 98801

(No registration confirmation will be sent.)

Please complete the other side too!

Expanding Your Horizons is sponsored by:



REGISTRATION FORM
THE REGISTRATION DEADLINE IS
5:00 PM, March 4, 2011

Registration is a two-step process:

1. Beginning Feb. 11, 2011, **register online** at www.wvc.edu/expandingyourhorizons.asp
2. Submit your \$10.00 registration fee with this form through the mail.

Enrollment is limited to 15 students per session on a first come, first-served basis. In keeping with the theme "Expanding Your Horizons," you will be assigned to one workshop that you did not pre-select. Your \$10.00 registration fee covers all conference materials and lunch. If the registration fee is preventing you from attending this workshop, please see your teacher about scholarship possibilities.

If you need more information, call (509) 682-6847.

Please complete the other side too!
PLEASE PRINT NEATLY

Name _____

School _____

Grade _____ Phone number _____

Home Address _____

City _____ Zip _____

My choices of workshops are (indicate session letter):

_____ _____ _____
Every effort will be made to place students in two of their choices selected.

Cut Here
 And Mail

My T-shirt size is: S ___ M ___ L ___ XL ___

\$10.00 check for conference enclosed

Make checks payable to: Expanding Your Horizons

Send completed registration form and fees to:

Expanding Your Horizons (EYH)
 c/o Riva Morgan
 Wenatchee Valley College, 1300 5th Street
 Wenatchee, WA 98801

Requests for reasonable accommodations during this workshop should be made at (509) 682-6854 (Carla Boyd) or TDD 509-682-7802.



A hands-on exploration of careers for women in science, technology, engineering, and math for 6th through 9th grade girls!
Saturday, March 12, 2011

The Session Choices

A. Microscopic Me

Are you interested in looking at your own cells up close and personal? How about drawing a "self portrait" of them? Come join us in the lab where we'll be using microscopes to look at your own cheek samples (no pain involved). Learn about the many options available for women in science.

*Presenter: Kathleen Johnson
 WVC at Omak Science Instructor*

B. A Trip to Fouria and Crossing the Great Divide

What if you were only allowed to count to four? And to count higher you had to start over? In Fouria that's the way it is. Come get a bit of experience with Fouria's money system as you compete to be the first to get rich. The second part of your journey takes you to The Great Divide. There you will find out who can gain the most points in a game of chance and knowledge.

*Presenter: Anne Gardner
 WVC Mathematics Professor*

C. The Automation Station

YOU can make things happen the way YOU like when YOU automate the universe. In this session, work with some electronic and mechanical gizmos and technology that YOU can use to make the world a better place.

Presenter: Zack Jacobson; WVC Industrial Technology Program Coordinator, ELTRO, CTS, and BIT students

D. Wild about Wildlife

Check out nest boxes made specifically for wood ducks. Learn how wildlife biologists make nest boxes safe for wood ducks and their babies using math and science. Do you know which predators try to invade nest boxes? Find out how to prevent them from getting in!

*Presenter: Kelly A. Cordell-Stine
 District Wildlife Biologist, Chelan County PUD*

E. Clean Water for Life

Where does the water from your bath tub go? Do you know where your drinking water comes from? How clean is rain water?

Join us for an opportunity to conduct hands-on water quality experiments with real laboratory equipment.
*Presenters: Jennifer Lange, PE
 Assistant County Engineer, Douglas County
 Phylisha Olin
 Resource Specialist, Cascadia Conservation District
 Jessica Shaw
 Environmental Manager, City of Wenatchee*

F. Passing Gas for Fun and Profit: What is an Anesthesiologist and What Does She Do?

What happens to you during surgery? Learn what the anesthesiologist is doing while you are asleep. Take your own vital signs. Calculate your anesthetic drug doses. Learn to put a tube in the trachea. Find your internal jugular vein with ultrasound. See what it takes to wake you up again.

*Presenters: Linda Schatz, MD, Anesthesiologist
 Barb Dunn, RN
 Wenatchee Anesthesia Associates*

G. Potions, Lotions and Math in Motion – Pharmacy Wizards Tell All

Wizards and Muggles alike will marvel at the magic of numbers in this session guaranteed to put Professor Snape to shame and leave you wishing you had your very own Time-Turner.

*Presenter: Robin Brown RPh
 Pharmacist; Home Infusion Operations Coordinator;
 Central Washington Hospital*

H. LIVE! WVC's own General Hospital: Episode One- Day in a Life.

Experience real scenarios with health care professionals caring for "real" patients. It takes a full team of medical professionals to help save a life, bring a new life into the world and care for those needing help. Walk through our hands-on, highly realistic simulation lab to see how modern medical science helps us to understand our health, the causes of illness and how to treat them.

*Jenny Capelo RN MAE, WVC Nursing Administrator
 Patty McCorkle RN BSN, Simulation Lab Coordinator
 Rhonda Yenney, Allied Health Secretary*

I. What's Eating our Trees? – The Life of a Bug Lady

Using microscopes, we will look at how insects are made, and discuss the things bugs do to trees. We will talk about "good" bugs and "bad" bugs, and why we need to know the difference. Learn what a Forest Service "bug lady" does, and some about other bug people too.

*Presenter: Connie Mehmel, Forest Entomologist,
 Wenatchee Insect & Disease Service Center Forestry Sciences Lab*

J. Skeletons: Do you want them in your closet? Are they in your future?

Look at some real images taken inside the body; learn how imaging helps the health care team to diagnose injuries and disease; learn some of the science behind creating the images. What are those bony bumps on the outside of the body? Learn about diagnostic imaging and how to become a radiologic technologist.

Presenters: Shelly Zimmerman R.T. (R); and Michelle Warner, WVC RAD Tech Program Instructors

Closing Session Speaker

Karlene Pettit, Delta Airlines A330 Pilot and author holds two Master's degrees, has flown 747s around the world, worked for 8 commercial airlines, and instructed pilots in jumbo jets. She'll share the message that "You, too, can have it all."

