



Saturday, March 6, 2010



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 6, 2010

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 6, 2010

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 - 12:20 PM	Lunch
12:30 PM - 1:00 PM	Closing Session & Door Prizes

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!



REGISTRATION FORM
THE REGISTRATION DEADLINE IS
5:00 PM, February 26, 2010

Registration is a two-step process:

1. Beginning Feb. 1, 2010, 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 _____

Home
Address _____

City _____ Zip _____

My four choices of workshops are (indicate session letter):

1st _____ 2nd _____ 3rd _____ 4th _____

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

Cut Here
And Mail

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 6, 2010

The Session Choices

A. Wild About Life

Managing for wildlife takes a lot of attention to detail. Basic biology, including body size and habits, help to determine devices we can use to prevent animals from getting in trouble on power lines. We will conduct a mountain goat survey to determine how healthy the herds are in the Lake Chelan Basin.

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

B. Automate This!

Participants will wire a programmable logic controller (PLC) connecting it to several inputs and outputs. Once the device is connected, students will program the controller to do specific functions based on time, inputs and/or several combinations of each. PLCs in some shape or form, are the backbone of modern electronically controlled machines, manufacturing processes and even vehicles.

Presenters: Zack Jacobson, WVC Industrial Electronics Instructor and WVC students: Kristine Nielson, Faith Di Paula, Nina Driver and Darci Hawkins.

C. Rags or Riches? – Making Sense of Your Dollars

This is an interactive session where teams will have fun brainstorming real life situations and the impact on their

wallets. Students will learn how getting comfortable with numbers will help them make better personal and career decisions.

Presenter: Wendy Lawrence, ALCOA Women's Network

D. When the Foot Hits the Ground, Everything Changes!

Students will explore how our bodies are made both structurally and muscularly and how our bodies adapt when injuries occur. We will also discuss the field of athletic training, education, and settings athletic trainers work in.

Presenter: Erin Long, MsEd, ATC, WVC PEH Faculty/Head Athletic Trainer

E. Do You Want Skeletons in Your Closet or Are Skeletons in Your Future?

Explore the ins and outs of radiologic technology! We will take a glimpse at the role of diagnostic imaging in the detection and diagnosis of disease and the role of the radiologic technologist within the health care team. A brief look at the exams within the body and those bony landmarks on the outside of the body will be covered. Lastly, we will discuss how to get in the RAD Tech program and start a career in radiologic technology.

Presenters: Shelly Zimmerman RT, and Jackie Alderson RT, WVC RAD TECH Instructors

F. Storm Water Sleuths

Students will team up to track pollution through the storm water system using maps, samples, field test kits and other clues.

Presenter: Jessica Shaw, Environmental Manager, City of Wenatchee Public Works

G. Move It or Lose It

Physical therapists are movement specialists. Come find out what is happening under your skin when you are busting a move. Learn a few easy exercises and find out why practicing good posture is one of the best gifts you can give yourself.

Presenter: Kate Norland, PT, Cashmere Physical Therapy

H. Passing Gas for Fun or 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, and Barb Dunn, RN, Wenatchee Anesthesiologist Associated

I. Fractals: Tessellations & Summer Vacation

Mathematics is all around us and is the gateway to many exciting careers. Explore the amazing world of tessellations, fractals and chaos theory with me as we discover the math in our lives. You will never again look at snowflakes, broccoli or even bathroom tile without appreciating the amazing mathematics they hold. We will make some of our own creations, too, and discuss mathematics related careers.

Presenter: Angela Redmon, WVC Math Instructor

J. Investigating Life's Alphabet Soup

Participants will work in groups to extract DNA from frozen strawberries and a vegetable. We will conduct the DNA experiment and discuss our observations.

Presenter: Kathleen Johnson, WVC Science Instructor

K. Do You Have What It Takes to Save a Life?

In this 40-minute tour of the WVC Simulation Lab, you will have an opportunity to listen to heart and lung sounds, practice & explore the equipment used in the nursing and medical assistant programs. If you are interested in a career in health care this will be a chance to ask questions, practice hands-on skills and explore these rewarding careers. We hope you will join us!

Presenters: Concha Bravo, RN, MSN, WVC Simulation Lab Coordinator; and Jenny Capelo, RN, MAE, WVC Nursing Administrator