DIRECTIONS TO MAIN CAMPUS

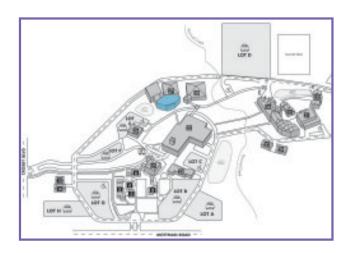
From I-5

- North or South
- Take Exit 104
- Take first exit on RIGHT Cooper Point Rd./Crosby Blvd.
- From exit ramp turn LEFT
- At second light, turn RIGHT onto Mottman Rd.

From Highway 101 from Shelton/Aberdeen

- Take Cooper Point Rd./Crosby Blvd. Exit
- From exit ramp, turn RIGHT
- At light turn RIGHT onto Mottman Rd.

Main entrance is the first left off Mottman Rd. Conference signs will guide you to parking and the Student Union Building.



For More Information

Phone: Web: email: Jeanette Whitcher, 357-9748 www.starjumper.org *Watch for Updates!* info@starjumper.org

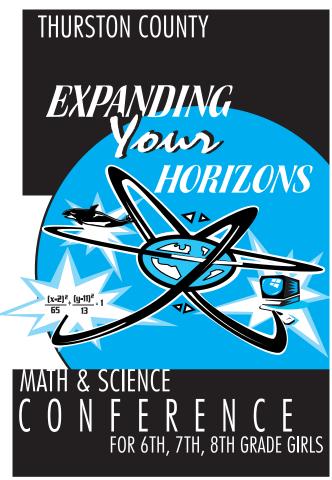
Organizing Committee

Jeanette Whitcher Nancy Johnson Kate Bligh Vicki Ogden Sharon Guile Nancy Deakins

Laurel le Noble Karan Wade-James Ilene Dickerson Kate Bligh

SATURDAY NOVEMBER 5, 2005

(Priority Deadline October 17, 2005)



Registration first-come, first-serve. Register now the great EYH workshops!

South Puget Sound Community College 2011 Mottman Road SW Olympia

Sponsored by:

- South Puget Sound Community College
- American Association of University Women; Olympia Branch
- Mud Bay Coffee Company
- Washington State University
- Nellie Mae
- Capitol City Press
- POSTNET
- Wilcox Farms

EXPANDING YOUR HORIZONS CONFERENCE GOALS

- Increase young women's interest in mathematics, science and technology.
- Provide an opportunity to meet women working in nontraditional fields.
- Foster awareness of careers for women in mathematics, technology and science-related areas.

ABOUT EXPANDING YOUR HORIZONS

"Why don't more girls take Math and Science courses? Math and Science are not just for boys."

In 1975 a group of professional women wondering about the reasons for this decided that not enough girls knew about women who had careers in Math and Science. They started brainstorming and their plan became the first "Expanding Your Horizons in Science and Mathematics" conference.

The first conference was held in March 1976 at Mills College in Oakland, California. More than 200 young women attended and met women who were physicists, engineers, scientists, and physicians. Most of the girls came away from the conference with new ideas and the feeling that Math and Science were "okay".

From the beginning, Expanding Your Horizons conferences have been held in cities across the United States. More than 165,000 young women have attended, participated, and enjoyed learning about career possibilities in the Math and Science fields. In Washington State, conferences are held in more than 16 cities throughout the year.

The Expanding Your Horizons conference in Olympia is held in the fall. The local chapter of the American Association of University Women sponsors the event. Organized and presented by a group of interested women and men, our local conference has grown in attendance each year. Every fall more young women have an opportunity to explore what it might be like to have a career in Math and Science.

The Organizing Committee welcomes new members. If you are interested, please check the registration form.

Parent Workshop Back by Popular Demand!

Once again, we are offering a concurrent workshop for parents.

Speakers will discuss options and ideas to support/promote your daughter's interest in math, science & technology; as well tips regarding her intellectual & emotional development. This workshop has been very popular in the past, so sign up early to reserve your space.

The Agenda:

Developmental Issues in Adolescent Girls - Kay Uhl, Therapist with Mason County Counseling Resources/Alliance Counseling.

Running Start - Kathy Lundeen, Acting Dean for Enrollment Services at South Puget Sound Community College.

Tech Prep Educational Options - Sandra Gordon, Career Counselor and Tech Prep Co-Coordinator, New Market Vocational Skills Center.

Preparing our Daughters for College - Rhonda Coats, Vice President for Student Services, South Puget Sound Community College.

The Parent Workshop will run from 8:40 to 11:45. The registration fee is \$10; scholarships are available upon request.

You may register for this workshop using the Registration Form attached. Be sure to check our website, www.starjumper.com, for updates.

Additional materials

A complete conference information packet will be given to each student on the day of the conference.

Accommodations for disabilities

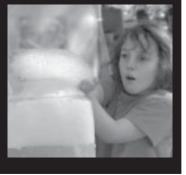
Participants requiring special accommodations can call Carla Idohl-Corwin at 360.754-7711 ext. 5235



On the Mainstage, EYH Keynote Show

React-O-Blast

Chemical reactions as you have never seen them before! You will help OMSI staff conduct experiments that produce strange substances and change colors right before their eyes. This program vividly demonstrates the predictable, and sometimes unpredictable, reactions of matter, including some that have explosive results!



Diet Disasters!: A Dietitian Fixes Teen Diets

four teens: a bulemic, an overweight girl, a vegan and a prediabetic. All are actual make sure you don't have any diet disasters yourself! patients from a practicing dietitian. Then use the tricks you learn in guiding others to In this workshop you will learn what a registered dietitian does as she fixes the diets of

Registered Dietitian

Making Nursing (Really) FUN!

Explore nursing as a career and practice learning how to take a blood pressure, use a Begin a journey that will take you deeply into people's lives and give you excitement reflex hammer, test hearing. Move from station to station staffed by practicing nurses

Renee Jackson, Diane Phelps, School Nurses Director of Student and Staff Support

A-3 Ring Around The Rosey

Kathy Hoover, Dianna Zander

will bring out the detective in you! fascinating medical microbiology cases encountered in a hospital laboratory. Irue tales from the secret world of bacteria, fungus and parasites. Hear and see This

Susan McDonald Microbiologist

Vets: Docs for all Species

activities including physical exams, basic First Aid and CPR. and case presentations from a general practitioner, time will be spent in hands on After a brief discussion regarding academic prerequisites for vet school, career options, Veterinarian

Disease Detectives

outbreak and save lives. Participate in investigating a real outbreak - can you crack Learn how disease detectives - also known as epidemiologists - solve the puzzle of an

Monica Raymond Epidemiologist

A-6 Labs, Torties and Beagles, Oh My!

Dr. Renee Hilbiber, DVM treatments for illness, meet a three legged puppy and find out about his recovery. How does a veterinarian diagnose a sick or injured animal? See x-rays, find out about Veterinarian

What's happening inside your body? What's your PA (or doctor or NP) checking when they listen to your heart, look in your ears, check your reflexes? Come take a look and

Physician's Assistant/ Midwife

Marty Butzen

A-8 Career Opportunities in Dentistry

Dr. Akiko Kitada, DDS Find out about career opportunities in denistry, make dental forms

All Creatures Great and Small

Try various techniques such as suturing, injections, lab diagnostics, x-ray viewing, bandaging, simulated large animal obsterics and more

Sharon Starry, DVM

A-10 A Career in Dental Public Health

Dr. Joseli Alves-Dunkeson, DDS, MPH, MBA Public Service...a varied and fascinating alternative to private practice! Learn how you can use your education in health sciences to promote health through Supervisor of MCH Oral Health Program

A-11 Mastering Your Muscles

techniques. Have fun challenging your muscles with exercise, balance and We will discuss various Physical therapy settings and share evaluation and exercise

Physical Therapist

Find Out What Causes Earthquakes and Volcanoes in

Find out what causes earthquakes & volcanoes by learning about plate tectonics Washington

Girls Found in Cyberspace

Deborah Hale of digital cameras and take home your work on a disk. Use a digital camera for your personal web page to jazz it up. Discover the new dimensions Director of Media Services, Program Coordinator

B-3 Magnet Magic

detect magnetic fields, and make an electromagnet or a motor. We will learn about magnetic fields in our solar system and how the Sun's magnetic storms cause northern How do magnets work, and how does magnetism affect life on Earth? You can learn to

Professor of Solar Astrophysics

Dr. E.J. Zita

B-4 How Nature Recycles

gardens. Meet some of the creatures that make compost happen! Michelle Andrews compost out of yard and food wastes, make less garbage and create a great soil for our nature turns these wastes into rich soil to feed plants. Come learn how we can create but leaves, branches, grass clippings and food scraps. Using the process of decomposition, You recycle, but did you know nature recycles, too? Not cans and bottles like you recycle,

Education and Outreach Specialist II

B-5 Blast off to Mars!

to the moon and journey to Mars. Come learn about being an astronaut and about the future of women in space as we return WANTED: Women with a heart for adventure, a yearning for exploration and a mind for discovery! You will blast off and discover how female astronauts eat, sleep and live in space.

Teacher, Member of the NASA Network of Educator Astronaut

June Dhamers

Ever Wish You Really Understood Why Airplanes Fly?

see and explain how an airplane moves through the air. Take your airplane home with you Put together your own model airplane with working flight controls and you will be able to Sponsored by the women mechanics & pilots of Alaska Airlines.

Build Your Own Solar Powered Model Car

Build Your Own Solar Powered Model Car Sandra Blazevich Vice President

B-8 Do You Hear What I Hear?

Barbara Harrington nearing disorder, and learn a secret code you can use with your friends! Discover the hidden complexities of communication. Experience for yourself a speech or Audiologist Speech Language Pathologist

Drugs, Not Hugs

Why a career in pharmacy may be just what the doctor ordered

B-10 Using GIS to Map Out a Path to Your Future

site for a bike trail. Find out how Geographic Information Systems are used. Use GIS to select the most suitable

Penny Koal, R.A.

Assessment Noel Nordstrom GIS Analyst, Salmon and Steelhead Habitat Inventory &

B-11 The Best Kind of Airhead!

Find out what causes air pollution and what environmental inspectors do to protect our air.

Who Dunnit?

prints and discover your pattern type. How are fingerprints discovered? What can we learn from them? Take your own finger-Expand Choose t Column

Senior Forensic Scientist

Spark the Heart!

Cindy Taylor

cardiac arrest. Demonstrates an Automatic External Defibulator (AED). How can you revive a dead heart? Use CPR and the latest emergency medical tools to treat a Paramedic/Firefighter

Toxic Chemicals in My Town??

Try a computer program that shows what's in your zip code. Take the program home with Learn why it is important to know about chemicals in your home and in your community Environmental Specialist

C-4 Building Blocks

you on a cd. Idell Hansen

Jeanne Rynne building a building. Develop your own solution to a real building design project. What does it take to get a building built? Learn about all the pieces and players that go into Capital Projects Program Manager

C-5 Splash when you crash

Megan P. Hall, Mary Gray, bucket"" for an egg. Of course...we'll be testing and scrambling eggs/brains - join the fun' "Calling all bicyclists...Join us in building the best performing bicycle helmet or ""brain Highway Engineer

Chocolate Asphalt

3

blacktop paving by simulating the process with chocolate pavement. Warning: nuts will be used and eaten during the course of this workshop. Naomi Selove, Andrea Hammelman, E.I.T. How is a road made? What properties are important? Learn about roadbuilding and Civil Engineer

<u>-7</u> Whatever Floats Your Boat

carry a mousetrap across our racing pool. Sharon Love, Elizabeth Healy Enter the race to build a mousetrap boat. Make a sea-worthy craft from simple materials to Highway Engineer

Show Me the Money

Spend a fun, interactive hour learning how to manage your money. Erin Pearson, Education Specialist

Member Services Officer

(-9 Discovering the Vision of Architecture

What does an architect do? Understanding how architecture is a diverse and multifaceted Diana Peeples, AIA professional. Explore how it feels to plan, design, and create your favorite space in a design Architect/Project Manager workshops on a First-Come, First-Served basis.

C-10 What Color is Your Building?

Donna Albert, P.E., future? How much of a building can be recycled? automobiles or buildings? Will buildings produce their own clean water and energy in the Learn about purple pipe, green roofs and grey water! Find out what uses more energy, Project Manager & LEED Accredited Professional Parent

C-11 Unraveling the Mysteries of Biology with Math

counting and try them out. math to make estimates. Learn our methods of using math to count without really Ever wonder how we know how many fish are in a lake? We can't count each one, so we use Statistician for the Science Division

Registration Information

How to sign up for hands-on workshops

and you may be lucky enough to experience an unexpected learning opportunity! "your borizons. Choose workshops that offer new and different challenges. three workshops, a first, a second, and third choice from EACH of Column A, B, and Column C. While we will try to honor your specific requests, it is not always.

Schedule November 5, 2005, 8:00am-12:50 pm

07:9-9	Registration
8:20-8:35	Inspirational Moment and Housekeeping
8:45-9:35	Workshop I
9:42-10:32	Workshop II
10:39-10:55	Break
11:00-11:50	Workshop III
11:57-1:00	Main Stage Event (OMSI)

Parents j student i please pick up your student at 1:00pm. Please make clear arrangements with your regarding transportation plans.

Fees

The conference fee is still only \$10.00. This includes all materials and snacks. The Parent Workshop is an additional \$10. All fees are nonrefundable.

How to register

Preregistration is required. **There will be no on-second and your check payable to Expanding Your Horizons** with the registration form and your check payable to Expanding Your Horizons, 4820 Yelm Hwy, SE, Suite B, PMB 167, Lacey, WA, mail to: Expanding Your Horizons, 4820 Yelm Hwy, SE, Suite B, PMB 167, Lacey, WA, 98503-4904. You will receive confirmation by mail. Please register as soon as possible, workshop requests are filled on a first-come first-served basis. To receive notification of registration please register by October 14, 2005. Registration is accepted until full or

Additional materials

conference. A complete conference information packet will be given to each student on the day of the

Accommodations for disabilities

Participants requiring special accommodations can call Carla Idohl-Corwin at 360.754-7711 ext. 5235

EYH STUDENT REGISTRATION FORM

☐ Check box if scholarship is requested. ☐ Check box if special assistance is required. ☐ Check box if you are a returning EYH participant.

Check box if you are a returning EYH participant.

required.

School City __ Address_ Name_ Zip Code Phone Grade

Indicate your first nine (e9) choices for workshops. Put the workshop letter and number on the blanks provided. Choose 3 workshops from each column. You will be assigned to 3

Column B #1 olumn C #1 olumn A #1 #2 #2 #2 #3 #3 #3

Workshop Sign Up

Name_ required. ☐ Check box if scholarship is requested. Check box if special assistance is

Parent Yes, I'm i Print Parent Name **Involvement:** Seeking parent involvement for planning next year's conference interested in attending a committee meeting.

Workshop p requests are filled on a first-come first-served basis. To receive notification of ion please register by October 14, 2005. ACCEPTED UNTIL FULL or OCTOBER 29

Photos will be taken during the conference. Please contact us if you have any concerns.