

Registration Information

How to select workshops

Choose three workshops from each column: A, B and C, for a total of nine choices for workshops. *We will do our best to honor your request but since this is not always possible, you may have a totally unexpected opportunity.*

Parent pickup

Please pick up your student at 1:30 p.m. in the Student Union Building.

Fees

The conference fee is \$12. This includes all materials and snacks. The Parent Workshop is an additional \$12. All fees are non-refundable. Scholarships are available.

How to register

Pre-registration is required for both students and parents. There will be no on-site registration. **Register online at www.starjumper.net** with payment via Paypal or credit card. Or register via mail, sending this completed registration form along with your check to *Expanding Your Horizons, P.O. Box 4254 Tumwater, WA 98501*.

Register as soon as possible; student and parent workshops fill up on a first come, first serve basis. The deadline to register is February 27. Confirmation will be made by e-mail only.

Additional conference materials

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

Special Accommodation

To request special accommodations call Nancy at 360-596-5222

Photos will be taken during the conference. Please contact Vicki at vicki@starjumper.net if you have any concerns.

Student Registration Form

- Check box if scholarship is requested
- Check box if you are a returning EYH participant

Name: _____

Phone: _____

Address: _____

City: _____ Zip Code: _____

School: _____ Grade: _____

Indicate your first nine choices for workshops by putting the workshop letter and number in the blanks provided.

Column A #1 _____ #2 _____ #3 _____

Column B #1 _____ #2 _____ #3 _____

Column C #1 _____ #2 _____ #3 _____

Parent's E-mail: _____
(for registration confirmation)

Parent Workshop Registration Form

- Check box to request a scholarship
- Check here if special assistance is needed

Name: _____

E-mail: _____

We need your help. Let us know if you are interested in joining EYH to help plan future conferences by printing your name and contact information here:

Directions to Main Campus

From I-5

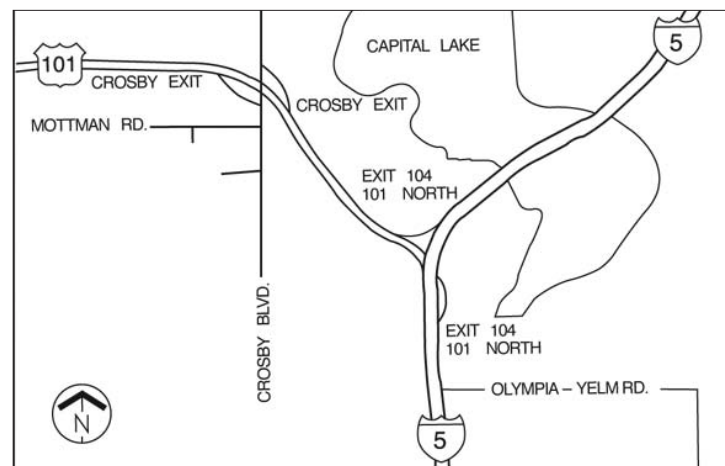
- North or South
- Take Exit 104
- Take first exit on RIGHT - Cooper Point Rd. Crosby Blvd.
- From exit ramp turn LEFT
- At second light, turn RIGHT onto Mottman Rd.

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, Bldg. 27.

Please pick up your student at 1:30 p.m. in the Student Union Building.



South Puget Sound Community College

2011 Mottman Rd. SW,

Olympia, WA 98512

Campus map: www.spscc.ctc.edu/map-and-directions

Day of event contact number: (360) 489-7846

Organizing Committee:

Donna Ching
Nancy Deakins
Sarah Deakins
Cameron Fisher

Sheila Fisher
Sharon Guile
Siobhan Guile-Boessow
Nancy Johnson

Victoria Lewis
Nancy McKinney
Reesa Nelson
Vicki Ogden

Samantha Soto
Cindy Uhrich



motivating young women in science + mathematics

Saturday, March 5, 2011

AT SOUTH PUGET SOUND COMMUNITY COLLEGE

MATH, SCIENCE AND TECHNOLOGY CONFERENCE FOR 6TH, 7TH AND 8TH GRADE GIRLS

CONFERENCE GOALS

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

About Expanding Your Horizons

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

In 1975, after asking this question, a group of professional women began brainstorming and the result was the first Expanding Your Horizons conference. Expanding Your Horizons conferences have been held in cities throughout the United States. More than 625,000 young women have participated in the program. In Washington State, conferences are held in 16 cities throughout the year.

The organizing committee welcomes new members; please check the registration form if interested.

STUDENT WORKSHOP CHOICES

COLUMN A

A-1 Dead Men Really Do Tell Tales!

In a fictional case, a body is found on the beach. Using a combination of sciences, help determine who the person is and how, when, and where he died.

Madelyn Schwartz and Kristina Vilsack, Deputy Coroners/Death Investigators - Thurston County

A-2 Show Me the Money

Spend a fun and interactive workshop learning how to manage your money.

Karen Raines, Senior Accounting Officer, and Paula Prothero, Member Services Officer - Washington State Employees Credit Union

A-3 Blast Off to Mars!

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. Come learn about being an astronaut and about the future of women in space.

June Dhamers, Teacher, Member of NASA Network of Educator Astronaut Teachers - North Thurston Challenge Academy

A-4 Design Your Dream House

Learn the magic of computer design! Re-design, re-arrange and re-do your house with a touch of the mouse!

Cherie Dunwoody, Facilities Planner 2 - Washington State Department of Social and Health Services

Tonya Vaughan, Facilities Coordinator 2 - Washington State Department of Natural Resources

Kim Kendall, Student in Building Information Modeling classes

A-5 Who Dunit?

How are fingerprints discovered? What can we learn from them? Take your own fingerprints and discover your pattern type.

Eileen Slavin, Senior Forensic Scientist - Washington State Patrol Crime Laboratory

A-6 Digging in the Mud: Finding the Past in Archaeology

Learn how archaeologists find ancient baskets and wooden tools in wet archaeology sites, and then use microscopes to find out what plants they are made from. This workshop combines science and math with digging in the mud! You will use experimental archaeology to weave baskets like the ancient ones found in Mud Bay.

Kathleen Hawes, Anthropology Lab Director - South Puget Sound Community College

A-7 Spark the Heart!

Can you revive a dead heart? Use CPR and the latest emergency medical tools to treat a cardiac arrest. See a demonstration of an Automatic External Defibrillator (AED).

Cherie Leyva, Paramedic - Medic One Thurston County



COLUMN B

B-1 Think Your Drink

The things you drink affect how thin or fat you are, how well nourished you are, and how good you feel during the day. Work with this dietitian to use science, numbers, and critical thinking to learn about all the drinks available to you. Expect to do some tasting! Expect some surprises about what you are used to drinking!

Dixie Havlak, Registered Dietician - Lifetime Nutrition

B-2 Reach for the Canopy – Trees

What is that tree? What about that mushroom? Learn how to identify trees in the woods and some of the things that make trees sick.

Amy Ramsey-Kroll, Forest Pathologist - Washington State Department of Natural Resources

B-3 Get Out of My Hair – Toxins in Personal Care

Let's talk about personal care products! Everyone uses items such as shampoo, lotion, nail polish, and perfume but what's in them? Learn about some of the ingredients of concern and how to choose safe, healthy products that will keep you looking and smelling great. You will make an all-natural lip balm to take home to remind you that you can keep looking and smelling good without toxic products!

Jennifer Johnson, Environmental Educator - Thurston County Public Health and Social Services

B-4 Do You Hear What I Hear?

Discover the hidden complexities of communication. Experience for yourself a hearing disorder, and learn how much we rely on what our ears funnel into our heads.

*Barbara Harrington, Audiologist - Group Health Cooperative
Alison Vega, Au.D., Audiologist - EN&T Assoc. Southwest*

B-5 A Day in the Life of a Veterinarian

Gown up and scrub in for surgery! Learn to draw blood, review X-rays and diagnose real patients. Please join Dr. Kim Martin as she takes you on a whirlwind experience through the life of a Veterinarian.

Dr. Kim Martin, Veterinarian - Hawks Prairie Veterinary Hospital

B-6 Geometry with Origami

Fold, cut, and bend origami paper and make many different geometric shapes and objects! You will be surprised what you can do with the traditional Japanese folding art.

Chiyo Sanada, Japanese Calligrapher and Japanese Cultural Instructor - Sen-nen Design

B-7 Building Blocks

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

*Jeanne Rynne, Capital Budget Analyst - Office of Financial Management
Sheila Swalling, Architect - Swalling Walk Architects*

COLUMN C

C-1 Quakin', Shakin', and Bakin' in Washington

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

Beth Norman, Geologist - Pierce Community College

C-2 Splash When You Crash

Calling all bicyclists...join us in building the best performing bicycle helmet or "brain bucket" for an egg. Of course...we'll be testing and scrambling eggs/brains - join the fun.

Megan Hall and Liana Liu, Highway Engineers - Federal Highway Administration

C-3 Whatever Floats Your Boat

Enter the race to build a mousetrap boat. Make a sea-worthy craft from simple materials to carry a mousetrap across our racing pool.

Sharon Love and Yamilee Dolcy, Highway Engineers - Federal Highway Administration

C-4 Carbon Footprint

How much of your personal greenhouse gas emissions are due to where you live? How much are due to what you eat, or what you buy? Measure your own carbon footprint, and find out how to make it smaller.

Donna Albert, P.E., Energy Engineer & LEED Accredited Professional - Washington State Dept. of General Administration

C-5 Welding is HOT!

How do those pieces of steel join together? Find out how fire and steel form structures. Learn the science of welding and discover your artistic side.

Students from the SPSCC Welding Program

C-6 Anatomy of a Computer

Explore the brains and guts of a computer. Learn the bones and bloodlines that make it work. Hook up and turn on to technology.

Suzette Canady, CompTia Certified PC Technician - Department of Information Services and Symphony Canady, Student/Assistant

C-7 Chocolate Asphalt

How is a road made? What properties are important? Learn about roadbuilding and blacktop paving by simulating the process with chocolate pavement. Warning: nuts will be used and eaten during the course of this workshop.

Nanette Graham, P.E. Civil Engineer - Department of Corrections

Barbara De Ste. Croix, P.E., Development Services & Access Manager - Washington State Department of Transportation



PARENT WORKSHOP: ADVICE TO HELP IGNITE YOUR DAUGHTER'S FUTURE

Our 2011 conference offers a workshop that gives practical advice for parents as they guide their daughters on the journey from middle school to high school to college & career. These are critical and exciting times so we highly encourage your participation in the parent workshop!

Please register early – this workshop fills to capacity quickly!

The Agenda:

Internet Safety

Learn what you can do to keep your teens safe online in the ever-changing internet environment.

Planning for the future

Learn how to help your daughter plan for her future during this discussion with representatives from several important programs.

Where did my daughter go?

Raising healthy teens is hard work. Listen to advice from a mental health professional who works with teen girls.

Be sure to check our website, www.starjumper.net for updates.

For General Information:

Phone: Sharon Guile 943-1527
Web: www.starjumper.net. Watch for updates!
E-mail: info@starjumper.net
Find us on Facebook

Parent Workshop Schedule

8:30 – 8:45	Check-in (Student Union, Bldg. 27)
8:45 – 8:55	Welcome & Inspiration
9:05 – 9:55	Internet Safety
10:05 – 10:55	Planning for the future
11:05 – 11:35	Break & light snack
11:45 – 12:35	Where did my daughter go?
12:45 – 1:20	Main Stage Event (Student Union, Bldg. 27)
	Kristen Rubis - Yoga and Balanced Lifestyle
1:20 – 1:30	Wrap up and Prizes
1:30	Please pick up your student (Student Union, Bldg. 27)

Student Workshop Schedule

8:30 – 8:45	Check-in (Student Union, Bldg. 27)
8:45 – 8:55	Welcome & Inspiration
9:05 – 9:55	Workshop I
10:05 – 10:55	Workshop II
11:05 – 11:35	Break & Light Snack
11:45 – 12:35	Workshop III
12:45 – 1:20	Main Stage Event (Student Union, Bldg. 27)
	Kristen Rubis - Yoga and Balanced Lifestyle
1:20 – 1:30	Wrap up and Prizes (Student Union, Bldg. 27)
1:30	Please pick up your student (Student Union, Bldg. 27)

