

EXPANDING YOUR HORIZONS

An exciting and interactive day for 6th – 12th grade girls to explore educational and career opportunities in math, science and technology!

Saturday, March 3, 2012 7:00 a.m. – 1:30 p.m.

Utah Valley University Sorensen Student Center

800 West University Parkway, Drem, Utah 84058

(Just east of I-15 at Exit 269)



KEYNOTE SPEAKER: DR. SUZANNE WALTHER

Suzanne Walther is an Assistant Professor and a Fluvial Geomorphologist in the Earth Science Department at Utah Valley University. She teaches Introductory Geology and Geographic Information Systems (GIS) and studies rivers, sediment transport, restoration, and human-watershed interactions. She is particularly interested in integrating applied research and teaching locally on the Jordan River and abroad in Southern Africa.

Ms. Walther has Master of Science degrees in Environmental Science (University of Virginia) and Geology and a Ph.D. in Geography (University of Oregon). Prior to pursuing her advanced degrees, she was an NCAA scholar-athlete, US Rowing All-American, Four-time U.S. National Rowing Champion, and a World Cup, Pan American Games, and World Championships medalist. She is also a Certified Athletic Coach and has coached rowing to girls and adults for over 20 years.

SCHEDULE OF ACTIVITIES:

- 7:00 Registration Check-In
- 8:00 Welcome, Keynote, Orientation
- 9:10 Workshop 1
- 10:10 Workshop 2
- 11:10 Workshop 3
- 12:10 Lunch – 6th Grade & Junior High
*Exhibitors/Booths – High School
- 12:30 Lunch – High School
*Exhibitors/Booths – 6th Grade & Junior High

*Free time is provided for girls, parents, and educators to explore interactive booths held in the UVU Grande Ballroom. Conference ends at 1:30 p.m.

REGISTER EARLY FOR A BETTER CHANCE TO GET YOUR TOP THREE CLASSES!

Registration: **\$25 Per Person**

On-Site Registration: **\$30 Per Person**

Registration fee includes a morning snack, energizing keynote address, three exciting workshops, conference materials, lunch, commemorative T-shirt, interactive booths, and a chance for girls to win door prizes!

CONFERENCE REGISTRATION

The UVU Equity In Education Center is pleased to partner with Salt Lake Community College, who will manage the registration for EYH!

To register online, go to:

www.spedregistration.com and click on 'Expanding Your Horizons'.

To mail registration, please send completed registration form and payment to:

Salt Lake Community College
SPED Registration MPDC 110
9750 South 300 West
Sandy, Utah 84070

To fax registration: Fax: (801) 957-5328

For registration questions, including online registration, please call:

Salt Lake Community College, SPED Registration at (801) 957-5200 or email us at spedregistration@slcc.edu.

For questions about the conference in general, please call:

The Equity In Education Center at (801) 863-8498 or email equity@uvu.edu. For more information visit: www.uvu.edu/equitycenter.

Expanding Your Horizons

is hosted by

**the Equity in Education Center and Turning Point
at Utah Valley University.**



UTAH VALLEY UNIVERSITY



DUPLICATE THIS FORM TO REGISTER ADDITIONAL PARTICIPANTS

Student Registration

Name _____ Grade _____

Address _____

City _____ State _____ Zip _____

Phone _____

E-mail Address _____

School Name _____

City _____ State _____

Have you attended Expanding Your Horizons before? Y _____ N _____

Registration: **\$25 Per Person**

On-Site Registration: **\$30 Per Person**

Make checks payable to: Salt Lake Community College.

Total Enclosed: \$ _____ Check # _____

Scholarships are available for girls from low-income families to attend EYH at little or no cost. Please contact the Equity Center at (801) 863-8498 or equity@uvu.edu for additional information.

Course Selection: List courses in order of preference. Your first choices may be full, so please be sure to list other classes that interest you. The earlier we receive your **form and registration fee**, the better chance you will have to receive your first three choices. Please write the number of the class as indicated on the list of workshops on the back of this form.

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

Girls Workshops

- 1. Accounting:** Love crunching numbers? Discover the field of working with money, doing taxes and tracking finances.
- 2. Aquatic & Marine Biology:** Dive into the study of plants and animals living and growing in our rivers, lakes and oceans.
- 3. Archaeology:** Dig into the field of discovering artifacts and how they can teach us about cultures of the past.
- 4. Architecture & Drafting:** Get a blueprint of the opportunities in planning, designing, and overseeing the construction of buildings and other physical structures.
- 5. Astronomy:** Reach for the stars and explore the wonders of the night sky and how math and science are used to study the universe. (This workshop is held in the UVU Planetarium!).
- 6. Aviation:** Take flight into the wild blue yonder and learn about flying airplanes and helicopters for commercial, private and/or public service organizations.
- 7. Biology:** Investigate the living world and discover the extensive career opportunities in studying the science of life; including structure, function, growth, and origin.
- 8. Biotechnology:** Discover the field that uses biology and technology to improve medicine and the use of energy, produce better food, and protect the environment.
- 9. Business Management:** Like to lead projects? Discover the steps to becoming a successful leader and manager of people in business.
- 10. Chemistry:** Put on your goggles and experiment with the diverse career options you can have with a degree in chemistry. (This workshop is held in a UVU chemistry lab!).
- 11. Clinical Laboratory Science:** Investigate becoming an essential member of the health care team that performs vital behind-the-scenes laboratory procedures such as identifying abnormal blood cells, toxic agents, cancer cells, and more!
- 12. Computer Science:** Love to listen to your iPod and text your friends? Discover the cutting edge career opportunities in computer science and learn how scientists are designing and improving the digital programs and hardware you use everyday.
- 13. Dental Hygiene:** Open wide and say ahhh...Explore the career of assisting a dentist in the preventative treatment and care of teeth.
- 14. Dentistry:** Sink your teeth into exploring the career of preventing, diagnosing, and treating injuries of the teeth, mouth and jaw.
- 15. Dietetics:** Get a taste for the study and career opportunities in nutrition and its connection to a long and healthy life.
- 16. Entrepreneurial/Small Business Development:** Have a great idea and a desire to start your own business? Learn how to set up and run your own company.
- 17. Environmental Science:** Go green and discover how technology, field work, and research are being used to understand and protect our planet and all life on it.
- 18. Fire and Rescue Science:** Get fired up to learn what it's like to respond to fire alarms and other emergency calls to protect lives and conduct emergency rescues.
- 19. Forensic Science:** Uncover the evidence and learn how technical expertise combines with investigative skills to discover and process physical evidence from a crime scene.
- 20. Genetics and Molecular Biology:** Put on a lab coat and discover the science of genes, heredity, and life at the molecular level.
- 21. Geology:** Rock on and explore exciting careers in oil and mineral exploration, geologic hazards, water resources, and uncovering our earth's history.
- 22. Graphic Arts:** Design your future by exploring how art and technology are used to create exciting graphic designs for packaging, displays, logos, and more.
- 23. Hospitality Management:** Explore how you can be part of one of the world's most exciting industries. Hospitality, travel, and tourism is plentiful in this popular career path. Learn about managing hotels, restaurants, resorts, golf courses, and more!
- 24. Law:** Cross examine the career of protecting the rights of citizens by working in our legal system as a lawyer or judge.
- 25. Law Enforcement:** Investigate the fast paced and rewarding career of enforcing traffic safety on roads and highways, performing accident and crime investigations, responding to emergencies, and keeping our communities safe.
- 26. Marketing:** Explore the inventive career that uses a wide variety of advertising techniques to get consumers interested in buying products and services; as well as creating public service announcements, publicizing special events, and more!
- 27. Mathematics:** Add up the numbers and explore the field of mathematics and learn why it's the foundation of a majority of today's most exciting (and high-paying) careers.

- 28. Media Engineering & Production:** And Action! Explore the innovative field of creating movies, animation, music, websites, and other multi-media.
- 29. Medical Doctor:** Is there a doctor in the house? Explore the fulfilling career of diagnosing illnesses, performing surgical procedures, administering treatments, and rehabilitating patients.
- 30. Military Science:** Discover the diverse career that can take you all over the world to help protect our country, assist other countries in need, and give aid in the event of natural disasters.
- 31. Nurse Practitioner:** Grab a stethoscope and explore the career where you have Registered Nurse credentials, but also have an advanced degree, either a masters or doctorate in nursing, that allows you to diagnose and treat patients.
- 32. Nursing:** Put on a pair of scrubs and explore the rewarding and fast-paced career of treating patients, recording medical symptoms, and aiding in rehabilitation.
- 33. Outdoor Recreation:** Get ready to fill your backpack and explore the adventurous and rewarding career of working outdoors, being a leader, and empowering people.
- 34. Paleontology:** Unearth prehistoric times through the excavation and study of plant, animal, and dinosaur fossils.
- 35. Pharmacy:** Prescribe to this rewarding career and learn about the technology, science, and math involved in distributing medications.
- 36. Physical Therapy & Sports Medicine:** Take a time-out and discover how to keep people in peak physical fitness, avoid injury, and help them recover from injury.
- 37. Psychology:** Enter the fascinating world of human behavior and development and explore careers in counseling, psychiatry, research, and more!
- 38. Radiology:** Way more than just x-rays! Explore the science and vital technologies that allow us to see the amazing intricacies of the human body and assist in the diagnosing of injuries and diseases.
- 39. Robotics:** Explore the inventive career where engineering and computer science are combined to create robotic systems for manufacturing, exploration, entertainment, military, and personal assistance.
- 40. Rocket Science & Space Physics:** Blast off into the exciting and challenging field of building rockets, the science of space travel, and physics.
- 41. Science Teacher:** Be the one who inspires future scientists! Explore the career where you combine the rewards of teaching with the excitement of science.
- 42. Statistics:** Become a statistical sleuth! Data are everywhere: from the food we eat to the clothes we wear, the music we like, and even the text messages we send. Learn how we can use data to make decisions and gain insight into the world around us.
- 43. Veterinary Medicine:** Love animals? Em“bark” on the rewarding career of caring for animals; including preventative medicine, treating disease, and performing surgical procedures.
- 44. Veterinary Technology:** Be the cat's meow and explore the exciting career of working with animals and assisting a veterinarian with preventative care, diagnosing illnesses, and administering treatments.
- 45. Zoology:** Tune into your wild side and discover how to observe, rehabilitate, and work with domestic and exotic animals in their natural habitat and in captivity.

Check Out This Additional Technology Opportunity For Girls Following the Expanding Your Horizons (EVH) Conference!

Digital Empowerment for Young Women:

Women around the world are learning how to use digital technology to improve their lives and to enhance their ability to contribute to society. Now you have a chance to learn how you can do the same! Please join us for a special class on digital technology for women held in the afternoon following EYH. This class is free and is sponsored by UVU's Computer Science department. Class duration is three hours and promises to open a new view of you and technology. Parents are welcome to stay and participate. **All participants will receive free gifts from the Computer Science department for attending.**

For additional information and/or to register, send an e-mail to kirk.love@uvu.edu with "Digital Empowerment" in the subject line. Please include your name and address in the e-mail body. There are a limited number of seats, so early registration is very important.

***Please note:** This class is a separate opportunity from the EYH conference.

Parent/Educator Workshops

- A.** A Proactive Approach to Making College Accessible to Students with Disabilities and/or Special Needs.
- B.** College Requirements and Preparation.
- C.** Concurrent Enrollment – Where qualified students can earn tuition-free college credit.
- D.** Media Influences and Its Impact on Girls' Body Image and Self Esteem.
- E.** Options for Financing a College Education.
- F.** Resources and Strategies to Help Girls Succeed Academically.
- G.** Resources and Strategies to Help Multicultural, Low-Income, and First Generation College Students Succeed.
- H.** Resources and Strategies to Prevent Bullying in Schools.

DUPLICATE THIS FORM TO REGISTER ADDITIONAL PARTICIPANTS

Parent/Educator Registration

Name _____

E-mail Address* _____

Home Address _____

City _____ State _____ Zip _____

Phone _____

*To help us communicate with you more easily, please provide your e-mail address.

Workshop Selection: Please list workshops in order of preference.

1. _____ 2. _____ 3. _____ 4. _____ 5. _____ 6. _____

Make checks payable to: Salt Lake Community College

[] \$25.00 per Parent/Educator

[] \$30.00 On-Site Registration

[] I would like to contribute \$ _____ to help low-income girls attend this conference

Parents & Educators may also register online or by fax.

One parent or educator may attend free of charge for each 5 girls they bring to the conference. Please call the Equity Center at (801) 863-8498 before registering.

Total Enclosed: \$ _____ Check # _____