

OUR WORKSHOP PRESENTERS:

Thank you for volunteering your time!

Please read about their background and career path! They are amazing!

Amy Stone, UW – Virus Hunters. Amy got her Bachelor's degree in Molecular Biology and Biochemistry from the U of Colorado. She performed her doctoral research on the role of the Plasmacytoid dendritic cells in immunity. After completing her thesis, she moved to the UW's School of Medicine. She is currently studying innate immune responses to RNA viruses and leads the Education and Outreach Program.

Suzanna Darcy- Trailblazers. Suzanna was the first woman to join the elite Boeing Engineering Flight Test group as a test pilot, and was the Boeing chief training pilot for more than 550 instructors worldwide. In 2005, Suzanna and her crew set a still unbroken distance record flying a 777-200 LR from London to Hong Kong.

Patricia Beckman-Trailblazers. Patricia was honored in 2010 by the Women in Aviation, International Pioneer Hall of Fame, for being the first woman to qualify as a crewmember in the F-15 and the first American woman to qualify as a crewmember in the F/A-18. She was also instrumental in bringing together other women to encourage congress to repeal the laws that restricted women from flying military combat missions.

Betsy Case - Trailblazers Betsy began her career as owner of a Seattle advertising agency for 13 years. A marketing writer at Boeing for 18 years, she created a wide variety of communication materials—three of her writing projects won Graphic Design USA American Inhouse Design Awards. She is also the author of In Plane View, The Jumbo Jet: Changing the World of Flight, and Houseboat: Reflections of North America's Floating Homes.

Betty Taylor, Criminal Justice Professor – CSI Spy with My Little Eye. Betty is a former Chief of Police for Winfield, Missouri. She was honored as the County Law Enforcement Officer of the Year in 2001. An expert on criminal justice and sexual assault, she teaches courses on sexual assault investigations. She holds a M.S. in Criminal Justice Administration as well as a MFA in Writing. Her work has been published in numerous newspapers and the Huffington Post.

Darcie Larsen, Seattle Aquarium – So You Want to Work in an Aquarium? Darcie Larson has been the Aquarium's Community Engagement and Inclusion Manager since 2008. She manages a team of amazing staff and volunteers who inspire conservation of our marine environment on local beaches, along the Cedar River, and other locations outside the Aquarium. Darcie has a Master of Science in biology from Western Washington University, and she lives in Edmonds.

Anna Murray, UW – Squeezing Electricity from Crystals. My name is Anna Murray and I am a junior studying chemical engineering at the University of Washington. Outside of class I also do research on new materials for solar cells. I chose this major because I like chemistry and math, and I want to work in renewable energy someday!

Ardi Kveven, ORCA – Secret Life of Plankton. Ardi Kveven is the founder of the Ocean Research College Academy at Everett Community College. She is the captain of the 39 foot Research Vessel Phocoena dedicated to student research projects in the local estuary. With a bachelor's degree in Biology with a marine emphasis (UW) and a master's degree in marine science education (WWU), Ardi has nearly three decades of experience introducing the Salish Sea to high school age students.

Sandra Jeffcoat – Trailblazers. Sandra was the first African American woman to become a member of the Boeing Technical Excellence Program—winner of the 2005 National Women of Color in Technology award, she is a strong believer in mentoring young women starting on the technology career path. Sandi was the first in her family to attend college and went on to obtain an MBA and a PhD.

Caitlin Reinhart, BioLife Solutions – Frozen! I am the Quality Control Supervisor at BioLife Solutions Inc., a company that specializes in making solutions that help keep frozen cells alive. I have a Bachelors of Science in Biological Sciences from Virginia Tech. My job is amazing because, on a daily basis, I use a variety of different skill sets. I use skills in technical writing, working in groups, analytical chemistry, cellular biology, and microbiology to determine the safety of the products made here.

Dr. Karen Hunter, Providence Hospital - Edge of a Knife. I received my medical degree and did my surgical residency at the University of Tennessee, Memphis. I have been in the field of surgery for over thirty years and have practiced academic, private and hospital based surgery. It is amazing to be able to rearrange anatomy to help improve a patient's life!

Melissa White, Dibble Engineers – Wiggle, Wobble, but Don't Fall! Melissa earned her bachelors and masters in Civil Engineering from the University of Illinois. For the past twelve years, Melissa focused mostly on existing buildings. Melissa's work includes forensic investigation, seismic upgrades, and structural repairs, as well as some work on new structures.

Martine Stillman, Synapse – Gadget Girls. Martine is a mechanical engineer and has worked at Synapse for 12 years. She is the former president of the Seattle Public Schools Project Lead the Way advisory board, and volunteers extensively with IGNITE and. She received her B.S. in Mechanical Engineering and a B.A. in Art from Bucknell. Although she was (and is!) "bad at math", her creative side and her love of science enable her to innovate daily in her job.

Dr. Reitha Weeks, Scientist – The Nose Knows! Dr. Reitha Weeks has a PhD in Genetics from UW. She has worked in the biotech industry and in science education. Now she works for Shoreline Community College as coordinator for their biotech summer camps for high school students.

<p>Nancy Lee, Venuti & Associates – Using Math to Work for the Mariners or Seahawks. Nancy Lee is a Member of the American Academy of Actuaries, an Associate in the Conference of Consulting Actuaries, and an Enrolled Actuary. She has over 23 years in the actuarial and employee benefits consulting business. Ms. Lee has a Bachelor of Science degree in Statistics from the University of Washington.</p>	<p>Samantha Heim, Boeing – Designing with Diversity I am currently a Structural Analysis Engineer for the new 777X with the Boeing Company. Prior to working for Boeing, I graduated from Oregon State University with a BS in Mechanical Engineering and a minor in Spanish. I love engineering because it is hands on and I get to be involved with the development of new and exciting products!</p>
<p>Sarah Holstedt, Interior Callison – Go Big or Go Better! Sarah Holstedt has been an architect with CallisonRTKL since graduating from Oklahoma State University with an accredited Bachelor’s Degree of Architecture. She works primarily on mixed-use master planning and retail center design in the international markets. Her favorite part of the job is drawing the master plans or solving a complicated building section.</p>	<p>Carol Vo, Washington State Patrol – Using DNA to Solve Crimes. Carol graduated from Lynnwood High School and received degrees in Biochemistry and Psychology from the UW. With a Master’s in Forensic Science, Carol began her career in Forensics with the WA State Patrol Crime Lab. Carol works in the DNA section examining evidence from crime scenes for biological fluids, and generating DNA profiles from such samples for aiding criminal investigations.</p>
<p>Michelle Moore, NBBJ – Go Big or Go Better! Michelle Moore is an architectural designer with NBBJ. An alumni from Washington State University’s Architecture program (also with an accredited Bachelor’s Degree of Architecture), she has worked on projects that include Data Centers, high end department stores, and workplace strategies. As a project architect, she is a master at the coordination efforts with other design consultants to start to put the 3D puzzle of a building together.</p>	<p>Taine Wilton, Edmonds School District – The Everybody Lockerroom. Taine Wilton is a registered architect with 30 years of architectural experience specializing in K-12 projects. Placing the students and users’ needs first has been a common thread throughout her projects. She has been a long time member of A4LE, studied Architecture and Design Firm Leadership Management at the University of Washington, and at the Civita Hilltown program in Italy.</p>
<p>Rosemary Brester, Hobart Machine – There are Aeronautics in my Kitchen! Rosemary is President and Chief Executive officer of Hobart Machined Products, Inc. A graduate of Green River Community College, Rosemary has practiced all aspects of machining. Born and raised in Renton, Rosemary is married with three grown children, seven grandchildren and one great. Rosemary is an avid reader and enjoys gardening to help keep today’s business challenges in perspective.</p>	<p>Erin Wirth, UW Dept of Earth & Space Science – Earthquake! Erin is a research associate in the Department of Earth and Space Sciences at the University of Washington. She is a seismologist who studies large earthquakes in the Pacific Northwest, and how we can better prepare and stay safe during earthquakes. Erin received her Ph.D. in Geology & Geophysics from Yale University in 2014.</p>
<p>Kay Latimer, EdCC – Robotics & Electronics. I have taught Electronics at Edmonds CC for over thirty years. Before that I worked in industry as an Electronics Technician and as a Field Engineer, often as the first woman to hold that position in that company.</p> <p>Lori Cross, Swedish Medical Center Nurse – Dare to Care: Be a Nurse. Lori loves working with people and wanted an active job that was also mentally challenging. She liked the fact that she could find a job anywhere in the country or even around the world.</p>	<p>Kris Hansen, Inspirus Credit Union – The Power of data. Kris Hansen and leads the Information Technology division at Inspirus Credit Union. I have a degree in Business Administration with an emphasis in Human Resources accompanied by a post graduate certificate in finance! Doesn’t sound very STEM-like does it? But here I am in a very technical position and I love it! I love matching enabling technology with real world needs to make our lives better.</p>
<p>Zoe Gouin, Symetra – You CAN Predict the Future! Zoe is an Associate Vice President and Actuary at Symetra, a life insurance company in Bellevue. She has a Bachelors from WWU and is a Fellow of the Society of Actuaries as well as a member of the American Academy of Actuaries. She has focused on retirement product modeling and analysis for over 10 years. Zoe enjoys time with her family, travel, and the outdoors.</p>	<p>Kristi Matthews, Taproot Theater – Theater Meets Art. Kristi is a professional Lighting Designer and Stage Manger. She holds a BA from Seattle Pacific University in Theatre Production and English and spends her days teaching and working in schools and theatres in the Pacific Northwest.</p>

<p>Lindsey Pino, UW – How to Write the Future With Gene Editing. We are girls studying Genome Sciences at the University of Washington. We're graduate students (17th-21st grade), and we work to make the world better by curing diseases, uncovering the history of humans, and discovering what makes us tick.</p>	<p>Penny LeFavour, Edmonds School District Teacher – Pipette Art. Penny currently teaches Biology, Biotechnology, STEM English 12 for STEM Diploma Students. Previously, she was a bench scientist working with DNA/histones, and performed field research on woodpeckers. She has also toured Europe and sang with a vocal jazz ensemble. She studied at 5 different colleges!</p>
<p>Corrie Rosen, Mahlum Architects. A Principal Architect for the PK-12 studio at Mahlum, Corrie works closely with school districts to align their facilities with current and future societal demands and to flexibly support evolving educational programs. She brings keen sensitivity and commitment to enhancing the public's understanding of the importance of architecture, and makes social outreach an integral part of her practice. Her projects empower students to effect positive change in their school and community.</p>	<p>Vicki Somppi, Workplace Architecture – Can Anyone Use This Building? Vicki has a Master's in Architecture and a Graduate Certification in Gerontology from the University of Arizona. Her most memorable experience so far was working as a lobbyist for the Americans with Disabilities Act and getting to present testimony at the Senate Hearings for the ADA in 1988. ADA was passed by Congress and signed by President Bush in 1990.</p>
<p>Mary Wallingford, UW Giachelli Lab – Bioengineering- A Journey in Research Mary is a postdoctoral fellow in the Department of Bioengineering. She investigates developmental mechanisms of phosphate transport and analyzes how phosphate imbalances can lead to cardiovascular pathologies, and is supported by the National Institutes of Health. Dr. Wallingford seeks to establish a research lab and teach at a university.</p>	<p>Rachel Yonemura, UW – Urban Stream Investigators Rachel is currently finishing up her undergraduate degree in environmental science and biology at the University of Washington. Rachel is working on her senior thesis looking at Urban Stream Biogeochemistry in the Butman Lab at the UW. Her passion for the natural environment began as a child while attending outdoor camps and has been curious about ecological processes ever since!</p>
<p>Corrine Hoffman, UW – Urban Stream Investigators Corrine is in her senior year in the University of Washington's Environmental Science and Resource Management program. Currently working as a researcher in the Biogeochemistry Laboratory, her focus is on nutrient and gas fluxes in urban waterways. Her obsession with water began at home on a small farm encircled by a beaver-dammed swamp, and Corrine is elated by having the opportunity to study waterways now.</p>	<p>Kristine Schroeder, Seattle Colleges – Discover Nano. Kristine Schroeder is the Director of SHINE: Seattle's Hub for Industry-Driven Nanotechnology Education at North Seattle College. She earned a BS in Chemistry from San Diego State University and MS in Chemistry from the University of Washington. She loves her job because she is passionate about educating and training students to lead successful careers in science and engineering.</p>
<p>Jenn Madsen, Edmonds School District – Pick Me! Pick Me! Jenn Madsen is the Information Systems Supervisor for the Edmonds School District. She is a lifelong learner with multiple certifications in software, network, enterprise applications, personnel practices and management. Her Technology career is ever evolving, never boring, & globally in demand.</p>	<p>Simmi Parmar, Amazon – Let's Order Pizza Electronically! As a software engineer with 5 years of industry experience, Simmi has worked for Oracle, Salesforce and is currently working for Amazon, where she writes software to makes sure the world's largest network is always up and running. She has been attending Grace Hopper Conference since two years to be inspired by the many successful female engineers and has two masters in the field of computer science.</p>
<p>Amber Eagar, Electronic Arts – The Hidden Levels and Easter Eggs Amber is a Senior Email Campaign Specialist for Electronic Arts. She graduated with her Bachelor of Arts degree from Central Washington University in 2002. Outside of work she is a confirmed chocoholic, enjoys building and modifying her computer, and loves to spend time with her cat, Rumbles. For her, working at Electronic Arts is a dream job as it has allowed her to combine her love of gaming with her love of solving complex, geeky problems in creative ways.</p>	<p>Mandy Williams, UW – Bioengineering – A Journey in Research Mandy Williams is a postdoctoral fellow in the UW Department of Bioengineering developing a drug delivery system for global health applications. Her previous work includes chemistry, microfabrication, microfluidic device design, and computational fluid dynamics. Dr. Williams is interested in applying analytical tools and interdisciplinary knowledge to solve a wide range of problems.</p>

Be sure to thank them for volunteering their time with Expanding Your Horizons!