PLENARY SESSIONS 10:15 – 11:50

Strategies for personal & professional growth: How to coach your way to the top

Jennifer Groh
Associate Director, Purdue University Women in Engineering Program

Dr. Groh received a B.S. from Purdue University and a Ph.D. from the University of Oklahoma (both in microbiology). With the Purdue Women in Engineering Program, she directs mentoring programs, seminars, and pre-college outreach programming (serving over 4000 students annually). Dr. Groh conducts national workshops as a certified Academic Coach focusing on STEM populations.

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Powerful Conversations: Putting Faces to the Statistics

Rosalyn Hobson Hargraves - Moderator
Associate Professor, Virginia Commonwealth University

Dr. Rosalyn Hobson Hargraves holds a joint appointment in the Schools of Education and Engineering at Virginia Commonwealth University. She received her B.S., M.S. and Ph.D. degrees in Electrical Engineering from the University of Virginia. Her research interests are in STEM-H education, biomedical signal/image processing, and diversity and inclusion.

Dr. Ebonni Adams
Mechanical & Aerospace Engineer, Boeing

Dr. Ebonni Adams is a Mechanical & Aerospace Engineer with Boeing Commercial Airplanes Structures Center of Excellence. Her experience in composite materials design, testing, finite element modeling and molecular dynamics modeling spans across many industries including automotive, military and space applications.

Katrina Claw
Research Associate in the Department of Pharmaceutics, UW

Katrina is currently a Research Associate in the Department of Pharmaceutics at UW. While she was at UW, she served as the President of the Society of Chicano/as and Native Americans in Sciences (SACNAS). She also received the Bonderman Fellowship and travelled the world after her graduation. She earned her B.S in science in Biology and BA in Anthropology, both from ASU. She holds a Ph.D. Genome Sciences (UW).
Angela B. Ginorio  
Associate Professor in Women Studies, Adjunct Associate Professor in Psychology  
Adjunct Associate Professor, Department of American Ethnic Studies, UW

Dr. Ginorio’s scholarship focuses on science studies focused on ethnic minorities and women in STEM, access issues in education for Latino/as and first-generation college students, and violence against women. She is a fellow of the American Psychological Association.

Katrina Jones  
BDS PLM Configuration Management – Configuration Status Accounting (CSA), Boeing

Katrina Jones works at Boeing on the P8 Program. She is on the BDS Diversity Council and on the enterprise Boeing-NSBE Committee. She is a graduate from UW with a M.S. in Industrial and Systems Engineering, she earned a BA. in Mathematics and a B.S. in Computer Science, and an M.S. from Central Washington University (CWU).

The STEM Briefing

Brenda Larson - Moderator  
Lead Academic Counselor-Graduate, Electrical Engineering, University of Washington  
Brenda has worked in public and private industry, starting her career as Legislative Advocate in Olympia, and later, as Crime Analyst for a local police department. Brenda has worked in higher education for over 17 years, teaching technology and communication courses. She joined UW Electrical Engineering as Lead Academic Counselor for Undergraduate Programs and presently is the Academic Counselor for Graduate programs. Brenda earned a BA in Political Science/Public Administration from WSU and a MEd in Education at the UW.

Malika Garoui  
Academic Adviser, College of Engineering, University of Washington  
Malika Garoui is an academic adviser in the College of Engineering at UW. She works with first and second year pre-engineering students who are exploring various engineering disciplines. She enjoys helping students discover and pursue their interests and navigate the abundance of opportunities available to them. Malika is also a UW alumna, with degrees in Math and Economics.

Anshu Narang-Siddarth  
Assistant Professor of Aeronautics and Astronautics, University of Washington  
Anshu Narang-Siddarth is an Assistant Professor of Aeronautics & Astronautics at the University of Washington, and the Director of the Advanced Dynamics, Validation & Control Research Laboratory. Her research focuses on safety assessment of autonomous aerospace and robotic systems. She is the recipient of the NSF CAREER Award.
Marjorie Olmstead
Professor of Physics and Adjunct Professor of Chemistry, UW

Marjorie Olmstead is a Professor of Physics and Adjunct Professor of Chemistry at UW, Seattle. She serves as Associate Chair of Physics for Undergraduate Affairs and advisor to the Society of Physics Students, and in interdisciplinary graduate education, spending a decade as director of UW's Dual-Titled Ph.D. Program in Nanotechnology. Prof. Olstead's current research focuses on understanding transparent conductors and how they form interfaces with more typical metals. She is a fellow of both the American Physical Society and the American Vacuum Society.

Jenna Pang
Peer Ambassador for Study Abroad, UW

Jenna Pang is a peer ambassador for the at UW Study Abroad office. After spending Fall Semester 2013 at Sichuan University in China, she has been committed to encouraging study abroad in the engineering and greater STEM communities. Jenna will be graduating in June with her B.S. in mechanical engineering.

Have You Googled Yourself Lately?

Holly Longman
Career Coach, Career Center @ Engineering, University of Washington

Holly is a highly talented career coach with extensive experience in the academic field including advising and counseling students on their educational pursuits and developing strategic programming to achieve academic success and individual growth. Holly is an alum of Ohio University where she received her Master of Education in School Counseling.

STEM Got Glam

Naria K. Santa Lucia - Moderator
Executive Director, Washington State Opportunity Scholarship

Naria currently serves as Executive Director of the Washington State Opportunity Scholarship (WSOS), a unique public-private partnership helping to build the next generation of STEM professionals in Washington state's high-demand employment fields through scholarships and supports for low- and middle-income college students in Washington state. Naria is a graduate of the Law School and the College at the University of Chicago, recently honored as a 40 Under 40 nominee by the Puget Sound Business Journal and the UW Women's Center’s Woman of Courage.
Robin L. Carmichael  
President & COO, Helix BioMedix

Ms. Carmichael joined the Company in October 2007 as Vice President of Marketing and Business Development and has worked to leverage the company’s core IP efforts in multiple pathways including the drug, device and personal care markets. Prior to joining Helix, Ms. Carmichael held positions with DERMAdoctor, Inc., ProCyte Corporation, and Photomedex, Inc. M.S. Carmichael has over 25 years of sales and marketing experience. She holds a B.S. in Nursing from Seattle University and an M.A. from the UCLA Anderson Graduate School of Executive Management.

Priya Dandawate  
Founder & CEO, Tousled

With a hybrid background in design, software engineering & language, Priya found pixels to be the perfect outlet for her creative muse. After winning Seattle AngelHack, she left Microsoft to pursue Tousled.me, her startup in the creative tech space. Chosen by TechCrunch as one of the most disruptive startups in Seattle, Tousled.me is part of the next wave in the gig economy: in-home hair stylists, massage therapists, nail techs and more. She’s worked primarily on cutting edge technology, with patents in both visual and interaction design.

Stephanie Sprangers  
Co-Founder, GlamHive

Stephanie is the co-founder, brand visionary and business development force behind GlamHive. She has worked in digital marketing since 2000. During her nine-year tenure with MyPoints.com, she successfully worked with brands that included Walt Disney World, Bank of America, and Nordstrom. Building advertising programs for Fortune 500 clients, she saw firsthand the effectiveness of rewards marketing and the power of channels that provide fair value exchanges between advertisers and consumers.

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WORKSHOP SESSION #1 - 1:40 – 2:40
Careers in Engineering

Eve Riskin - Moderator
Professor of Electrical Engineering, University of Washington

Eve Riskin is Associate Dean of Diversity and Access in the College of Engineering, Professor of Electrical Engineering, and Faculty Director of the ADVANCE Center for Institutional Change. With ADVANCE, she works on mentoring and leadership development programs for women faculty in STEM.

Monica Alcabin
Associate Technical Fellow, The Boeing Company

Monica Alcabin is an Associate Technical Fellow in Avionics at the Boeing Company, where she has worked for 19 years. She evaluates the increase in airport capacity/reduced fuel savings from new avionics and airspace procedures. Monica holds a B.S. in Aeronautical Engineering from MIT and an M.S. in Engineering Economic Systems from Stanford University.

Raché Stotts
Senior Manager, Enterprise Compensation & Programs, T-Mobile

Raché Stotts manages enterprise compensation programs and systems at T-Mobile including annual bonus and merit programs. Impacting over 50,000 employees. Prior to joining T-Mobile she worked in recruiting and executive compensation at Nike. Raché worked for the WiSE program while earning her B.S, BA, and MBA from UW.

Ona Anicello
Senior User Researcher, Cloud & Enterprise Group, Microsoft Corporation

Ona Anicello is a Senior User Research for Microsoft’s Cloud & Enterprise Group, where she is leading the research efforts for new cloud computing products, such as PowerApps. Before that, she worked in a variety of UX leadership roles as VP of Mobile UX Research at JP Morgan Chase and Director of UX for the Apollo Group. She has an entrepreneurial spirit and started BEAN, an international social networking nonprofit.

Joanna Power
Software Architect and Lead Engineer, Cozi

Joanna Power is in the seventeenth year of her career as a software developer. After six years at Amazon and one year building software for biologists, she came to Cozi, who build products for families, as an architect and lead engineer. She is passionate about increasing diversity among technology professionals.

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Cultivating Resilience: Embracing Risk, Failure, and Growth

Ahnya Redman, Ph.D. – Moderator
Counseling Service Coordinator, Academic Support Programs, UW

Any grew up North – Fairbanks, Alaska. Earned a BA degree in Biology from the University of Alaska-Fairbanks, a M.S. in Entomology from Michigan State University in Entomology. "Inspired by my experience working with butterflies as an undergraduate researcher. I went to Penn State University, where I earned a Ph.D. in Ecology.”

Ryan E. Burt, Ph.D.
Program Manager, Academic Support Programs

Born and raised in Eastern Washington. Ryan moved to Seattle to attend the UW where he studied English and Comparative History of Ideas. He earned a PhD in the English from the UW. Ryan has studied in Italy and Spain and taught where he taught at a large public university in Southern Morocco.

Adiam Tesfay
Assistant Director, Academic Support Programs, UW Undergraduate Academic Affairs,

Adiam originally from Eritrea, East Africa (was born in Sudan) and moved to Phoenix, at the age of 2. She received her BA in Speech Pathology and Audiology and a M.S. in Education Psychology from Northern Arizona University (NAU), Flagstaff. Before moving to Seattle, Adiam worked at NAU as an Academic Advisor/Program Coordinator for the TRIO program.

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Cracking the Micromessage Code: recognizing nuance and using your influence to create inclusive engineering environments
Shawna Fletcher
Director, Women in Engineering (WE) Program, Texas A&M University

Shawna holds B.S. degrees in Microbiology and Physiological Psychology (Neuroscience), with minors in Chemistry and Women’s Studies, and a M.S. in Bioengineering from Arizona State University (ASU). She has directed STEM outreach, recruitment and retention programs to excite and engage young female students to pursue engineering careers. She has been involved in robotics efforts (AZ and OH) including FIRST, STEM Equity Pipeline Project, TECH CORPS, and PLTW. She has also been a small business owner since 2002 and is an accomplished musician and cellist.

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Balancing Your Life: School and Work vs You

Amanda Gehman – Moderator
Structural Staff Engineer, CoughlinPorterLundeen
Amanda Gehman has been a Structural Staff Engineer with CPL for 2 years. She received both her B.S. and M.S. in Civil & Environmental Engineering from the UW. She was an active member of the WiSE Advisory Board and is pleased to return to the WiSE conference as a professional and continuing to support women in the STEM fields. Her professional work includes schools and multi-family residential projects.

Rebecca Collins
Structural Project Manager, CoughlinPorterLundeen
Rebecca Collins has provided inventive structural designs for a wide variety of structures including concrete, wood, and steel. She specializes in seismic upgrades, having completed seismic evaluations and seismic renovation designs to more than 90 projects. Her extensive portfolio includes healthcare, education, municipal, commercial, and multi-unit residential buildings. She earned her M.S. in Civil and Environmental Engineering from the UW.

Laura Grignon
Civil Senior Project Manager, CoughlinPorterLundeen
Laura has more than eighteen years of experience as a civil engineer and project manager. Specializing in public works and K-12 projects, she regularly leads multi-phased projects, leveraging her expertise in stormwater management, grading, and water and sewer systems. She has partnered with industry leaders including BLRB Architects and Integras Architecture, and supported community-focused clients such as Seattle, Shoreline and Edmonds School Districts.

Hezareigh Ryan
Structural Staff Engineer, CoughlinPorterLundeen
Hezareigh joined the CPL team a little over a year ago as a Structural Engineer. She earned her B.S. in Civil Engineering from UC Berkeley and a M.S. in Structural Engineering from San Francisco State University.

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Corporate Science – Big and Small

Reitha Weeks – Moderator
Scientist, educator, volunteer; President Seattle AWIS, Shoreline Comm. College; HiveBio; Bellevue College

Dr. Weeks received her B.S from Oregon State University and her Ph.D. from UW (Genetics). She worked 13 years for multiple Seattle biotech companies. She was Science Outreach Program Manager at NWABR for nine years. She now works with Shoreline Community College as biotech camp Program Coordinator and volunteers with Bellevue College and HiveBio.

Kristen Lloyd Helton
Principal Research Scientist, Amazon

Dr. Kristen Lloyd Helton is a principal scientist at Amazon assessing opportunities in biotechnology, healthcare and beyond. Kristen earned a B.S. ME from Bucknell University and her Ph.D. in Bioengineering from UW. She’s worked at startup turned large company, Cepheid and at PROFUSA as co-founder, board member and Chief Product Officer.
Courtney Law  
Program Manager, Washington Innovation Network (WIN) for Life Sciences, Life Science Washington

Dr. Law joined Life Science Washington in 2014. Previously, she has worked with entrepreneurs/early stage companies and worked with NC State University and the University of Washington. She received her Ph.D. in Pharmaceutical Sciences from UNC – Chapel Hill and completed her postdoctoral studies at the BRITE (Durham, NC).

Heather Ramsay  
Senior Scientific Director, inviCRO

Dr. Ramsay started her career as a biological anthropologist studying the emergence of osteoporosis in archaeological populations. Her focus shifted to efficacy testing of pharmacological treatments for the disease. Over the last decade, she has expanded her expertise into orthopedic and surgical device testing. She now designs early discovery imaging studies.

Cristina (Kina) McAllister  
CEO and Founder, StemBox

Kina received a B.S in General Science from Seattle University in 2013. She was working at Fred Hutch researching genetic therapies for HIV when she started StemBox, which provides monthly science activity boxes to subscribers.

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Discovering Your Passion

June Hairston  
Academic Adviser/Counselor Lead, UW Office of Minority Affairs & Diversity

June Summers Hairston, D.D., Ed.D. has worked at the UW for 31 years as an Academic Adviser Lead/Counselor and as a Student Activities Adviser. June’s holds BA in Psychology from Seattle University, a M.S. of Education in Educational Psychology from the College Counseling Specialization at the UW a Doctor of Divinity from Aenon Bible College, and a Doctor of Education from the UW in Leadership and Policy Studies.

Nadia Payet  
Engineering Manager, Google

Nadia Payet graduated from Oregon State University with a Ph.D. in Computer Science in 2011, with a focus on Computer Vision and Machine Learning. At Google, she works as a Software Engineer on Google M.A.ps for Mobile Android, more specifically on the turn by turn navigation system. She teaches the Girls Who Code club collaborating with the Making Connections program at the UW. She is also a French citizen, from a small tropical island in the Indian Ocean called La Reunion.

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WORKSHOP SESSION 2

Going to Graduate School in Engineering

Eve Riskin
Professor of Electrical Engineering, University of Washington

Eve Riskin is Associate Dean of Diversity and Access in the College of Engineering, Professor of Electrical Engineering, and Faculty Director of the ADVANCE Center for Institutional Change. With ADVANCE, she works on mentoring and leadership development programs for women faculty in STEM.

Anshu Narang-Siddarth
Assistant Professor of Aeronautics and Astronautics, University of Washington

Anshu Narang-Siddarth is an Assistant Professor of Aeronautics & Astronautics at the University of Washington, and the Director of the Advanced Dynamics, Validation & Control Research Laboratory. Her research focuses on safety assessment of autonomous aerospace and robotic systems. She is the recipient of the NSF CAREER Award.

Kyle Rector
Ph.D. Candidate, Computer Science & Engineering, University of Washington

Kyle Rector is a Ph.D. candidate in the Department of Computer Science and Engineering at the University of Washington, co-advised by Julie Kientz and Richard Ladner. She conducts research in Human-Computer Interaction and Accessibility by developing technologies that enhance quality of life for people who are blind or low vision.

Nava Aghdasi
Ph.D. Candidate, Electrical Engineering, BioRobotics Lab, University of Washington

Nava did her undergraduate study in electrical engineering at UW. She is now a Ph.D. student in the BioRobotics lab, working on algorithms to assist skull-base surgeons in planning surgeries by suggesting minimally-invasive approaches to removing targets.

Making the Most of your Transition from the Classroom

Klondy Canales
Program Officer, Washington State Opportunity Scholarship

Klondy graduated from the UW with a B.S in Public Health. Formerly the Director of the MESA (Mathematics Engineering Science Achievement) program at Highline College and now works for the Washington State Opportunity Scholarship supporting students in the STEM and health care fields.
Erika Harnett
Research Associate Professor, University of Washington

Dr. Harnett is faculty in Earth and Space Sciences and an Associate Director for Washington NASA Space Grant. Her research studies how radiation from the Sun influences the surfaces and atmospheres of planets and moons in the solar system.

Elise Groves
IT Director, University of Washington Athletics

Elise received her B.S. in Human Centered Design & Engineering from the UW. She first worked at Boeing and is now the IT director for Athletics at the UW.

Arpita Ghosh
Team Manager, Appen Inc.

Arpita got her B.S. in Electrical Engineering from UW. After graduation, she has been pursuing her career in the field of Technical Management. Currently Arpita is employed at Appen Inc. as a Team Manager in the Content Relevance Division, working with Search Engine Optimization.

Engineering in the City – Leading the Charge

Hillary Stibbard, Principal Office Engineer – Moderator
Department of Transportation, City of Bellevue
Hillary a Licensed professional engineer is in private consulting as a Bridge engineer. She presently works with the Transportation division in the City of Bellevue She graduated from the UW with her BS in Civil and Environmental Engineering.

Glynda Steiner, Senior Manager
Seattle City Light
Glynda is a Senior Manager with Asset Management for the City of Seattle, Seattle City Light.

Tricia Thomson, Transportation Engineer
Division of Public Works, City of Redmond
Tricia is a Transportation Engineer with the City of Redmond working in the Division of Public Works.
Careers Portfolio 101

Gail Cornelius, Director
Career Center, Engineering
Gail is the Director of the Career Center at the College of Engineering. Before joining the UW community, she worked for over 15 years with the Boeing Company as a systems engineer, staff and personnel trainer, internship coordinator, recruiter and career coach. She holds a BS degree in Industrial Systems Engineering.

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Overcome Gender Bias in STEM: Mentoring & Other Strategies for Career Development

Mary Young (Co-moderator)
Postdoctoral Scientist, Center for Infectious Disease Research

Mary Young is a postdoctoral scientist at the Center for Infectious Disease Research. She has a Ph.D. in Immunology from the University of Colorado. She works on applying systems biology to understand T cell responses. In her spare time, Mary is the co-chair for the programs/events committee for Seattle AWIS.

Aimee Littleton (Co-moderator)
Research Technician, Fred Hutchinson Cancer Research Center

Aimee Littleton is a research technician at Fred Hutchinson Cancer Research Center and a member of Hutch United. She received her B.S. and M.S. in Molecular and Cellular Biology from the University of Arizona and her M.A. from the University of California, Berkeley. She currently studies chromosome segregation and kinetochore assembly in the Biggins lab.

Brandi Murphy
Marine Technician, University of Washington

Brandi Murphy is a Marine Research Scientist at the UW School of Oceanography. She has participated in data collection, analysis and Maintenance of research equipment during oceanographic cruises at both the Scripps Institution of Oceanography and the UW.

Anne Loomis-Thompson
Software Development Engineer, Microsoft Research

Anne Loomis-Thompson is a software development engineer at Microsoft Research in the Adaptive Systems and Interaction Group. She has a M.S. from Dartmouth College in Computer Science and Robotics. She works on artificial intelligence and situated interaction systems.
Beverly Torok-Storb
Faculty Member, Clinical Research Division, Fred Hutchinson Cancer Research Center

Dr. Torok-Storb is a faculty member in the Clinical Research Division at FHCRC. She received her Ph.D. from the University of Pittsburgh. Her research focuses on the regulation of hematopoiesis, a process by which new blood cells form in the body. She is passionate about educational outreach to bring greater diversity to the biomedical workforce.

Xenia Kachur
Program Manager, Amazon

Xenia Kachur, currently a Program Manager at Amazon, has a diverse background in biotechnology, entrepreneurship, and research and development. She received her M.S. in Biomedical Engineering and Materials Science Engineering from the University of Arizona. She later became the Chairwoman and CEO of her own startup biotechnology company, Kulira Technologies.

Blazing the Trail into Science and Engineering
Christina Sciabarra,
Associate Director, Bellevue College Center for Career Connections

Christina Sciabarra Manages the NSF-supported STEM to Stem program and teaches courses on experiential learning in various STEM fields. Christina works with students on strategies for academic success, career pathway options, and preparation for internships.

Lauren Wugalter
Chemistry Lecturer, University of Washington Tacoma

Lauren Wugalter teaches Chemistry at UW Tacoma and Tacoma Community College (TCC). She is in her second year of post-secondary education and she loves introducing science (specifically chemistry!) to students of all ages!

Meg Henderson
Chemistry Lecturer, UW Tacoma

Margaret Henderson, Ph.D. teaches chemistry at UW Tacoma. She has taught for over 15 years at the college level. She loves introducing people of all ages to the wonders of science, and has judged science fairs, helped organize a science activity day for preschoolers, and done demos for school groups and Girl Scout troops.