Consortium for Computing Sciences in Colleges

Northwestern Conference, 2018 Program

University of Washington
Bothell, Washington

October 12-13, 2018

Friday   10/12/18

	Room			
Time	**DISC 162 (Vista Area)**	**UW1-010 (Papers)**	**UW1-020 (Tutorials)**	**UW1-021 (Partners)**
noon - 5pm	Registration (DISC: Ground Level Lobby)			
noon	Student Poster Setup (DISC: Vista Area)			
1:00pm	<u>Welcome:</u> Kelvin Sung, *CCSC-NW '18 Conference Chair, UW Bothell* Elaine Scott, *Dean of School of STEM, UW Bothell*	(plenary session)		
1:15pm	<u>Keynote:</u> **A Journey from Research to Product** A. J. Bernheim Brush, *Microsoft* "[This] talk will describe the path from a research idea to shipping something used by millions of people, the surprising similarities and differences between 'research' and 'product,' and many lessons I've learned along the way."			
2:15pm	Break, Partner Exhibits, and Student Poster Viewing (DISC: Vista Area)			

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Time	DISC 162 (Vista Area)	UW1-010 (Papers)	UW1-020 (Tutorials)	UW1-021 (Partners)
			Room	
2:30pm		Papers 1: Session Chair: *TBD* **Evaluating the Efficacy of Clicker-Based Peer Instruction Across Multiple Courses at a Single Institution** Jack Kinne, Eric Misner, Adam S. Carter, and Sharon M. Tuttle, *Humboldt State University* **Teaching Image Processing in an Upper Level CS Undergraduate Class Using Computational Guided Inquiry and Polar Data** Haiyan Cheng, Aidan Wright, Lea Fortmann, Penny Rowe, and Steven Neshyba, *University of Puget Sound* **Using Jupyter Notebooks to Learn High-Performance Computing** Ben Glick and Jens Mache, *Lewis & Clark College*	Tutorials 1: **Introduction to Jetstream** Jeremy Fischer and Sanjana Sudarshan, *Indiana University* **Using WorkQueue to Teach Distributed Computing** Aaron Dingler and Peter Bui, *Seattle Pacific University*	Partners 1: **AccessComputing** Kayla Brown, Brianna Blaser, Richard Ladner and students **Gradescope** Gal Friedman
4:00pm	Break, Partner Exhibits, and Student Poster Viewing			
4:30pm		Papers 2: Session Chair: *TBD* **Compare and Contrast in Data Structures** Tammy VanDeGrift, *University of Portland* **An Embedded Systems Course for Cross-Disciplinary Research** Michael Black and Chi Ho Lee, *Bridgewater State University*	Tutorials 2: **Teaching Recursion via Control Flow and Code Comprehension in CS1** Xuguang Chen, *Saint Martin's University*	Partners 2: **Vernier Software & Technology** David Vernier **Google** Laurie White
6:00pm	(sessions end)			

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	DISC 162 (Vista Area)	**UW1-010 (Papers)**	**UW1-020 (Tutorials)**	**UW1-021 (Partners)**
6:00pm	Social (Walk towards UWB North Creek Event Center)			
6:30pm	Catered Banquet (UWB North Creek Event Center)			
7:30pm	Student elevator pitches (At Dinner)			
7:45pm	End of day social (No speaker, please network.)			
8:30pm	(banquet ends)			

Time	Room			
	DISC 162 (Vista Area)	UW1-010 (Papers)	UW1-020 (Tutorials)	UW1-021 (Partners)
8:00am	Breakfast			
8:30am		Papers 3: Session Chair: *TBD* **Teacher (As Student) Driven Curriculum Development for an Introductory Computer Science Course** Yolanda Reimer and Lisa Blank, *University of Montana* **Teaching with Grace in the Northwest** Andrew P. Black and Kim B. Bruce, *Portland State University* **Program Turnarounds in Computer Science: A Case Study** Scott Burgess, *Humboldt State University*	Tutorials 3: **Hands-on Cybersecurity Exercises** Richard Weiss and Jens Mache, *Lewis & Clark College* **Data Warehouse and Data Mining with SQL Server** Mario A.M. Guimaraes, *Saint Martin's University*	Partners 3: **Microsoft** Olivia Hernandez **GitHub** Elliot Whitehead and John Pham
10:00am	Break, Partner Exhibits, and Student Poster Judging			

Saturday 10/13/18

Time	DISC 162 (Vista Area)	UW1-010 (Papers)	UW1-020 (Tutorials)	UW1-021 (Partners)
			Room	
10:30am		Papers 4: Session Chair: *TBD* **Introducing Cyber Security by Designing Mock Social Engineering Attacks** Brent Wilson, *George Fox University* **Cybersecurity Tutorials and Laboratory for Hands-On Host Cybersecurity Instruction** Ananth A. Jillepalli, Daniel Conte de Leon, Jim Alves-Foss, and Frederick T. Sheldon, *University of Idaho* **Plagiarism Detection Avoidance Methods and Countermeasures** Daniel Rohwedder and Brian R. Snider, *George Fox University*	Tutorials 4: **NSF Officer** Michael Erlinger, *Harvey Mudd College* **NSF Awardee** Dennis Kafura, *Virginia Tech*	
noon	Lunch and Student Poster Awards			
1pm	Regional Board Meeting			
1:30pm			Tutorials 5: **Playing to Your Strengths: Appreciative Inquiry as a Scholarly Tool for Your Computing Education Practice and Professional Development** Steven A. Wolfman and Meghan Allen, *University of British Columbia*	
3:00pm	(conference adjourned)			

Thanks to all of our partners: