UW Undergraduate Research Symposium - May 18, 2018

The UW 21st Annual Undergraduate Research Symposium takes place on the UW Seattle Campus at Mary Gates Hall.

A celebration of undergraduate scholarship and creative work.

https://www.washington.edu/undergradresearch/symposium

Fifty Bothell Students will present their research at the 2018 UW Undergraduate Research Symposium as oral presentations or as a research poster. Below is a guide, organized by session and student last name. We encourage you to come and support our UW Bothell students! Be sure to use #UWSymp if you post about the symposium on social media.

Oral Presentations

- **Huynh, Mike Quan**, Biology, Mentor: Derek Stirewalt, *Characterizing the Immunophenotype of Leukemic Blasts and its Impact on Patients with AML*, Biomarkers and Diagnostics, Mary Gates Hall 389, 3:30 PM to 5:15 PM
- **Pham, Katie Hao**, Biology, Health Studies, Mentor: Melissa Maack, *Analyzing the Correlation between Active Learning Practices and Positive Student Outcomes in Introductory Biology*, Centering Our Voices, Mary Gates Hall 251, 3:30 PM to 5:15 PM
- **Abeyta, Austin**, Computer Science & Software Engineering, Mentor: Erika Parsons, *What Happens When You Take an Artificial Intelligence to a Music Studio?* Hot Topics: Robots, AR, CV, AI, Johnson Hall 175, 3:30 PM to 5:15 PM

Poster Presentations Session #1

**Time: 11:00am - 1:00pm, Location: Mary Gates Hall - Commons East**

- **Hussen, Kadija**, Pre-Major, Mentor: Alka Kurian, *Investigating the Cause of Oppression and Activism within Hindu and Muslim Women Communities, with an Emphasis on India*, Easel-45
- **Jaber, Sommer**, Community Psychology, Society, Ethics, & Human Behavior, Systemic Oppression and Its Impact on Anti-Racism Activism, Easel-46
- **Yadav, Kedar**, Pre-Major, Mentor: Andrew Abian, *Structures and Anomolies within the Collatz Conjecture*, Easel-56
Poster Presentations Session #2
Time: 1:00 - 2:30pm, Location: Mary Gates Hall - Commons East

- **Conrad, Mark**, Business Administration, Mentor: Alejandro Francetich, *Designing and Implementing Contracts on a Blockchain*, Easel-1
- **Kwiatkowski, Alan**, Mechanical Engineering, Mentor: Cassandra Wright, *3D Bioprinting of Alginate-Polypyrrole Composites for Biomedical Applications*, Easel-147
- **Wang, Ziye (Randy)**, Business Administration, Culture, Literature, and the Arts, Mentor: Deanna Kennedy, *The Internet of Things, Teamwork, and Service Projects*, Easel-58
- **Woo, Jaida**, Pre-Major, *3D Bioprinting of Alginate-Polypyrrole Composites for Biomedical Applications*, Easel-147
- **Yein, Thu**, Mechanical Engineering, *3D Bioprinting of Alginate-Polypyrrole Composites for Biomedical Applications*, Easel-147

Poster Presentations Session #3
Time: 2:30 - 4:00pm, Location: Mary Gates Hall - Commons East

- **Acosta, Camilo**, Biology, Mentor: Cynthia Chang, *Spider Community Assembly on Mount St. Helens*, Easel-23
- **Cain, Keenan**, Environmental Science, *Mycoremediation of Coliform Bacteria in University of Washington Bothell Wetlands*, Easel-69
- **Ferguson, Tara Rose**, Biology, Mentor: Douglas Wacker, *Communal Crow Roosts Induce Changes in Social Behavior of Song Sparrows (Melospiza melodia morphna)*, Easel-27
Poster Presentations Session #4
Time: 4:00 - 6:00pm, Location: Mary Gates Hall - Commons East

- **Huang, Guohao (GoGo)**, Physics, Mentor: Joey Key, *Graviational Wave Data Sorting Enhanced with BayesWave Algorithm*, Easel-48
- **Khalil, Lara (Laura)**, Biology, Mentor: Keya Sen, *Assigning E. coli Isolates from Wetlands to respective Phylo-groups*, Easel-62
- **Maloney, Kellen**, Environmental Science, *Mycoremediation of Coliform Bacteria in University of Washington Bothell Wetlands*, Easel-69
- **Nguyen, Molly**, Biology, Mentor: Ellen McGough, *Functional Mobility Analysis and Classification of Turning Strategies in Older Adults*, Easel-127
- **Perkins, Jomardee**, Physics, Mentor: Joey Key, *Characterizing Transient Noise in LIGO Data*, Easel-51

**Poster Presentations Session #4**
**Time: 4:00 - 6:00pm, Location: Mary Gates Hall - Commons East**

- **Soomro, Warisha**, Extended Pre-Major, Mentor: William Erdly, *Educating Young Eyes*, Easel-68
- **Yang, Mingyou**, Environmental Science, Mentor: Santiago Lopez, *Association between King County Population’s Cardiovascular Disease Rate and Accessibility to Environmental Amenities Using GIS*, Easel-11