A Celebration of Student Research
Friday, May 31
Acknowledgements

The Seattle University Undergraduate Research Association (SUURA) annual conference is sponsored by the Student Research Program.

Dr. Molly Clark Hillard, Director of the Student Research Program, would like to thank these partners, without whom SUURA would not be possible:

Provost: Shane Martin
Director of Student Academic Services: Joelle Pretty
Student Assistant: Elena Selthun
Cover image and program design: Elena Selthun, Dev McCauley
Budget Assistance: Sarah Curtis-Tilton (Advising Specialist, College of Arts and Sciences)

Faculty Advisory Committee: Ken Allan, Katherine Frato, Kristin Hultgren, Nova Robinson, and Tara Roth.

Sarah Watstein, Dean, Lemieux Library
Lynn Deeken, Director of Public Services, Coordinator of the Learning Commons
Conference and Event Services
Reprographics
Chartwells

A special thank you to the faculty who organized sessions and panels for SUURA 2018:

Robert Andolina  Douglas Latch
John Carter       Yitan Li
Molly Clark Hillard Benjamin Schultz-Figueroa
Serena Cosgrove   Michael Spinetta
Hillary Hawley    Katya Yurasovskaya
Kristen Hultgren
# Event Schedule

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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<tbody>
<tr>
<td>8:00-9:00</td>
<td>Check in, swag bag pickup, breakfast</td>
<td>STCN Hearth</td>
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<tr>
<td>9:00-9:45</td>
<td>Welcome Event and Opening Remarks</td>
<td>STCN 160</td>
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<tr>
<td></td>
<td>• Dr. Molly Clark Hillard, Director of Student Research</td>
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<tr>
<td></td>
<td>• President Stephen Sundborg</td>
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<tr>
<td></td>
<td>• SUURJ Launch (Seattle University Undergraduate Research Journal)</td>
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<tr>
<td></td>
<td>◊ Dr. Molly Clark Hillard, Faculty Editor</td>
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<tr>
<td></td>
<td>◊ Dr. Charles Tung, Chair, English</td>
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<td>◊ Dean David Powers, College of Arts and Sciences</td>
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<td></td>
<td>◊ Student Editors Mikayla Medbery and Oliver Tufte</td>
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<tr>
<td>10:00-12:00</td>
<td>Sessions, panels, and individual presentations</td>
<td>See Page 4</td>
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<tr>
<td>12:00-1:00</td>
<td>Luncheon and Keynote Address</td>
<td>STCN 160</td>
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<tr>
<td></td>
<td>(Hearth: tabling, swag bag pickup continues)</td>
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<tr>
<td></td>
<td>Keynote Address: “Transforming the Justice System: Building Bridges Across Research and Policy.”</td>
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<tr>
<td></td>
<td>Sarah Cusworth Walker, Ph.D.</td>
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<tr>
<td></td>
<td>Research Associate Professor, Department of Psychiatry and Behavioral Sciences, University of Washington, School of Medicine.</td>
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<tr>
<td>1:00-5:00</td>
<td>Sessions, panels, and individual presentations</td>
<td>See Page 4</td>
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<tr>
<td>If you are interested in...</td>
<td>Head to...</td>
<td>From...</td>
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<tr>
<td>Anthropology &amp; Sociology</td>
<td>CASY 515</td>
<td>10:00-11:00, 3:00-4:00</td>
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<tr>
<td>Art History</td>
<td>LEMX 369</td>
<td>11:00-12:00</td>
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<tr>
<td>Biology</td>
<td>STCN 210</td>
<td>1:00-4:30</td>
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<tr>
<td>Chemistry</td>
<td>STCN 100, STCN 130</td>
<td>1:00-2:00, 10:00-5:00</td>
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<tr>
<td>Communications</td>
<td>HUNT 100</td>
<td>1:00-2:00</td>
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<tr>
<td>English</td>
<td>CASY COMM, LEML 369</td>
<td>10:00-3:00, 4:00-5:00, 11:00-12:00</td>
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<tr>
<td>Film Studies</td>
<td>HUNT 100, CASY COMM</td>
<td>1:00-2:00, 3:00-4:00</td>
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<tr>
<td>International Studies</td>
<td>CASY 515, CASY 525, LEMX 369</td>
<td>11:00-12:00, 3:00-4:00</td>
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<tr>
<td>Kinesiology</td>
<td>HUNT 100</td>
<td>11:00-12:00</td>
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<tr>
<td>Marketing &amp; Economics</td>
<td>HUNT 100</td>
<td>10:00-11:00</td>
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<tr>
<td>Math</td>
<td>LEMX 369</td>
<td>2:00-5:00</td>
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<tr>
<td>Political Science</td>
<td>CASY 515</td>
<td>1:00-3:00</td>
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<tr>
<td>Psychology</td>
<td>STCN 100, STCN 210</td>
<td>11:00-11:00 &amp; 10:00-12:00</td>
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<tr>
<td>Theology &amp; Religious Studies</td>
<td>CASY 515</td>
<td>10:00-11:00</td>
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<tr>
<td>Workshops</td>
<td>HUNT 100</td>
<td>2:00-4:00</td>
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</tbody>
</table>
Dr. Sarah Cusworth Walker has been the principal investigator of over twenty research studies focused on juvenile justice reform from NIH, private foundation funding and research contracts with the Office of Justice Programs and local governments. She is the recipient of a MacArthur Foundation Models for Change award for her work on the cultural enhancement of evidence-based programs for justice-involved youth. Her work examines methods of evidence-based policymaking, including programmatic efforts to integrate behavioral health intervention principles in juvenile justice settings, with a specific focus on gender, family-based approaches, and quality assessment. She directs work at two research-to-practice centers: Evidence Based Practice Institute and the Center for the Study and Advancement of Justice Effectiveness (SAJE, www.sajecenter.org; co-director).
Interdisciplinary Panel: Interpreting the Body

10:00-11:00

**Moderator: Matthew Whitlock**

**Tessa Scoble, Anthropology and Sociology:**
“The Construction of Fatness as a Social Problem”  
Faculty Mentor: Mark Cohan

**Claire Lucas, Theology and Religious Studies:**
Faculty Mentor: Matthew Whitlock

1:00-3:00

**Moderator/Faculty Mentor: Yitan Li**

**Caroline Guess:**
“Democratic Institutions in Venezuela”

**Adrienne Hohensee:**
“The Immorality of Territorial Sovereignty: a Historical Analysis of US Immigration Policy”

**Patrick McGarry Jr.:**
“Technology and Its Opposition to Free Speech in the 21st Century”

**Wendall Tseng:**
“Chinese Legitimacy: A Nuanced Analysis on Breakdown”

3:00-4:00

**Interdisciplinary Panel: Deconstructing Histories of Colonialism in the Americas**

**Moderator: Mark Cohan**

**Keira Cruickshank, Anthropology and Sociology:**
“Constructing (and Deconstructing) ‘the West’”  
Faculty Mentor: Mark Cohan

**Isabeau J. Belisle Dempsey, International Studies:**
“Framing the Center: Belize and Panamá within the Central American Imagined Community”  
Faculty Mentor: Serena Cosgrove
International Studies 1: Nationalism, The State, & Violence  10:00-11:00

Moderator/Faculty Mentor: Robert Andolina

Austin Nelson:  
“The Rise of Neo-Nationalism and the Front National in France”

Sophie Taylor:  
“Measuring Success in Argentine and Chilean Transitional Justice: Rebuilding Civic Trust”

Shayan Chisti:  
“Gender-Based Violence: The Role of Guatemala’s Government in the Rate of Violence Against Women”

International Studies 2: International Organizations, National Governments, & Group Discrimination  11:00-12:00

Moderator/Faculty Mentor: Robert Andolina

Tiffany Carpenter:  
“Silenced: Women’s Voices and the European Court of Human Rights”

Kasha Bradford-Adams:  
“Measuring Success in Argentine and Chilean Transitional Justice: Rebuilding Civic Trust”

Nora Ridgeway:  
“How Ecuadorian Education Systematically Disadvantages Indigenous Youth”

International Studies 3: Assimilation and Othering  2:00-3:00

Moderator/Faculty Mentor: Robert Andolina

Hillary Sturgeon:  
“Migration, Regionalism, and National Identity Conflicts in Contemporary Spain”

Emi Montenegro:  
“The Uses and Interpretations of Laïcité: Discrimination against Maghrebi Muslims in France”
International Studies 3: Assimilation and Othering cont.  

**2:00-3:00**  

**Michaela Hodgson:**  
“France & Algeria: Colonial History and Contemporary Biases”

International Studies 4: Global Asymmetries & Economic Development  

**3:00-4:00**

**Moderator/Faculty Mentor: Robert Andolina**

**Ruth Yohannes:**  
“The End of Francafrique? French Economic and Political Strategies in Cote d’Ivoire and their Local Responses”

**Melissa Cuevas:**  

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**Casey Building**  
**Casey 525**

English Departmental Honors 1: Survivals  

**10:00-11:00**

**Moderator: Molly Clark Hillard**

**Sena Crow:**  
“Radical Imaginings: Indigenous Futurisms and the Decolonizing Possibilities of Contemporary Indigenous Fiction”  
Faculty Mentor: Christina Roberts

**Kennedy Dresh:**  
“Necropolitical Water Scarcity and Scale in Southwest based Cli-Fi”  
Faculty Mentor: Charles Tung

**Tara DeBortnowsky:**  
“The Literature of Survival: Testimonial Literature and Poetry as Rhetorical Modes of Cultural Preservation and Survival”  
Faculty Mentor: Mary-Antoinette Smith
English Departmental Honors 2: Assembling Bodies 11:00-12:00

**Moderator: Molly Clark Hillard**

**Amanda Fawcett:**
“Medieval Posthumanism: Disembodiment and Gendered Cyborgs in Alex Garland’s *Ex Machina* and Chaucer’s ‘The Pardoner’s Tale’”
Faculty Mentor: Kate Koppelman

**Tira McGavin:**
“‘Disturbed, with profane fingers’: Monstrous Spectacularization in Frankenstein”
Faculty Mentor: Molly Clark Hillard

**Amy Gulley:**
“Passing Ships”
Faculty Mentor: Susan Meyers

English Core: Tackling Climate Change: Proactive Solutions 2:00-3:00

**Moderator/Faculty Mentor: Hillary Hawley**

**Emily Nielson:**
“Green Roofs: Taking Seattle University’s Commitment to Sustainability to a New Level”

**Nicholas Stinehour:**
“Climate Change and Changing Education: The Role of Video Games in Climate Education”

**Amanda Diaz:**
“Recycling Is a Big Mess, But Don’t Be Dismayed, There Is Hope!”

**Molly Elrick:**
“A Possible Answer for Agricultural Sustainability”
Film Studies: Devices in Scientific Film: Understudied Uses of Propaganda and Apparatus  

**Moderator/Faculty Mentor: Benjamin Schultz-Figueroa**

**Danny Lameese Tayara:**
“The Scourge of The Tropics: Malaria and DDT in WWII Training Films”

**El Melendez:**
“Air Pollution: Film’s Role in Environmental Policy Making”

**Logan Ossentjuk:**
“The Role of Virtual Reality as a Data Visualization Device in Scientific Research”

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English Core: Media, Myths, and Marginalization  

Moderators: Hannah Tracy and Tara Roth

**Graham Wielgos:**
“The Manifestation of Islamophobia in American Journalism”  
Faculty Mentor: Hannah Tracy

**Kayla Christine de Leon:**
“Not Everything is For You: The Asian-American Reality vs the Model Minority Myth”  
Faculty Mentor: Tara Roth

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Interdisciplinary Panel: The Ethics and Business of Coffee  

**Moderator: Wesley Howard-Brook**

**Duong Le and Joanna Corpuz, Theology and Religious Studies:**
“Caffeine Dependency in Seattle’s Working Class”  
Faculty Mentor: Wesley Howard-Brook
Hunthausen Hall
Hunthausen 100

Interdisciplinary Panel: The Ethics and Business of Coffee
10:00-11:00

**Sam Henry, Marketing:**
“A Case Study of MotMot Coffee: An Analysis on Student-run business, Implications of Ethical Product Sourcing, and Benefits of Experiential Learning”
Faculty Mentor: Joseph Barnes

Kinesiology: Exercise Behavior in Undergraduates
11:00-12:00

**Moderator/Faculty Mentor: Erica Rauff**

**Ella Fisher and Monet Kumazawa:**
“The Relationship Between Physical Activity Knowledge, Barriers, and Exercise Behavior in First-Year Undergraduate College Students”

Interdisciplinary Panel: The Power of Representation: Race and Gender in Film & TV
1:00-2:00

**Moderator: John Trafton**

**Cameron Fairchild, Film Studies:**
“An Intricate, Beautiful Thing”: On Fascination and Postmodern Pastiche in *Edward Scissorhands* and *The Shape of Water*
Faculty Mentor: John Trafton

**Amina Ibrahim, Communication and Media:**
“Scandalously Black: A Problematic Representation of Race in the Television Show *Scandal*”
Faculty Mentor: Julie Homchick Crowe

**Emma Anson, Communication and Media:**
“The Impact of Sexual Music Videos on Young Adult’s Perception of Women: Analyzing Gender, Affective Engagement, and Acceptance of Token Resistance”
Faculty Mentor: Jiangmeng Helen Liu
**Workshop: How to Get Involved in Student Research**

**Presenters:**

- Leah Dooley, Women and Gender Studies and English
- Jesse Goncalves, Math and Physics
- Hana Kirchoff, English
- Olga Musinina, Chemistry

**Workshop: How to Write a Grant Application**

**Presenters:**

- Dr. Katherine Frato, Chemistry
- Dr. Nova Robinson, History and International Studies

**Interdisciplinary Panel: Ethical Concerns in Business**

**Moderator:** Bryan Ruppert

**Phillip Stamolis and Max Pineda, Marketing:**

“Little Ado About Something: Corporate Wrongdoing in Earnings Calls”

Faculty Mentor: Bryan Ruppert

**Ryan Thomas Shaw and Ian Keane, Marketing:**

“Repairing Trust in Financial and Accounting Services”

Faculty Mentor: Bryan Ruppert

**Lauren Kobayashi, Economics:**

“The Pope vs. the Economists: Ethical Tensions and Policy Conflicts”

Faculty Mentor: Dean Peterson
Interdisciplinary Panel: Global Responses to Colonialism: Art, Literature, Activism, Economics

11:00-12:00

Moderator: Kenneth Allan

Jonathan Zuill, English:
“Witness and Testimony in Chimamanda Ngozi Adichie’s *Half of a Yellow Sun*: Were You Silent When They Died?”
Faculty Mentor: Nalini Iyer

David Yao, History and International Studies:
“Nationalist, Radical, Feminist: The Revolutionary Association of the Women of Afghanistan as a Transnational Feminist Organization”
Faculty Mentor: Nova Robinson

Mariah Ribeiro, Art History:
“Interrogating Colonial Legacies: Contemporary Indigenous Artists and Museum Exhibitions”
Faculty Mentor: Kenneth Allan

Mathematics 1: Applied Mathematics

2:00-3:00

Moderator/Faculty Mentor: John Carter

Christopher Ross:
“Traveling Wave Solutions to the Whitham Equation”

Hannah Potgieter:
“Numerical Solutions to the Cubic Nonlinear Schrödinger Equation”

Camille Zaug:
“Frequency Downshift in the Ocean”

Christine Beal:
“Analyzing Zoonoses using Systems of Differential Equations”
Faculty Mentor: Donna Sylvester
Mathematics 2: SUM Corps and Mathematical Outreach  3:00-5:00

**Moderator/Faculty Mentor:** Katya Yurasavskaya

- **Camille Zaug:**
  - “Social and Emotional Learning in Elementary Mathematics”

- **Nemo Lopez:**
  - “Educating At-Risk Youth, and the School to Prison Industrial Complex”

- **Kelemua Tesfaye:**
  - “Elimination of Intimidation”

- **Jesse Goncalves:**
  - “Exploring the Power and Limitations of Mathematics Through Community-Based Project Equations”

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**Student Center**
Student Center 100 (Hearth)

Psychology Poster Session  10:00-11:00

- **MJ Perdiguerra**
  - “The Influence of Alexithymia on Adolescents with Conduct Problems and Callous-Unemotional Traits”
  - Faculty Mentor: Michael Spinetta

- **Lacey Craig & Simone Chavez**
  - “Family Support and Academic Self-Efficacy for First and Continuing Generation College Students”
  - Faculty Mentor: Michael Spinetta

- **Jessica Schaffner & Maya Patel:**
  - “Effects of Exercise on Psychological Well-Being”
  - Faculty Mentor: Kathryn Bollich-Ziegler

- **Emmah Ferguson:**
  - “Gay, as in Happy? Perceptions of Relationship Satisfaction with Sexual Orientation as the Predictor”

- **Molly McCabe:**
  - “Sex Differences in Frontal Asymmetry and Social Impairment in ASD”
  - Faculty Mentor: Kathleen Cook
International Studies Core Poster Session 1  10:00-11:00

**Moderator/Faculty Mentor: Serena Cosgrove**

**Jamelky Quiroz Castillo:**  
“How El Salvador’s Government Might Eradicate Gangs”

**Antonio Siezar:**  
“Entrenched Wealth: Understanding the 10 Families in Nicaragua”

**Elias Elmor:**  
“Gang Violence in El Salvador”

**Madeline Conowall:**  
“Environmental Challenges in Central American Indigenous Communities as a Result of US Industrialization”

**Sofia Sayabalian:**  
“Pacific and Caribbean Cultural Differences in Nicaragua”

**Ashley Nelson:**  
“Liberation Theology in Nicaragua: Religion and Revolution”

Mathematics Poster Session  11:00-12:00

**Faculty Mentor: Allen Stewart**

**Emily Graham:**  
“Structural Control in Rural Nepal”

International Studies Core Poster Session 2  11:00-12:00

**Moderator/Faculty Mentor: Serena Cosgrove**

**Zane Horton:**  
“Effects of South American Drug Trafficking on Various Populations of Panama”

**Adrian Rivera:**  
“An Exploration into the Historic Outrage in Guatemala, and the Impact the U.S. Had on It”

**Riley Urbano:**  
“The Panama Papers: Wealth Offshoring as an Expression of Globalized Imperialism”

**Dylan Nagel-Mayberry:**  
“The LGBTQ+ Community’s Impact on Cultural Revolutions in Central America Dictatorships through Israel”

**Joshua Scoggin:**  
“Impact of Systematic Spiritual and Moral Education in El Salvador”
International Studies Core Poster Session 3  
**Moderator/Faculty Mentor: Serena Cosgrove**

Laura Jameson:  
“Intergenerational Trauma in Guatemala: How a 36-year-old Civil War Led to Violence Today”

Sheldon Andrews:  
“Cold War Politics in Central America”

Emma Jensen:  
“An Analysis of Systemic Press Censorship in Central America”

Joel Gustaffson Hall:  
“Circumventing Congress: Arming Central American Dictatorships through Israel”

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Chemistry Poster Session  
**Moderator/Faculty Mentor: Kristen Skogerboe**

Kaylene Kelly:  
“Evaluation of Crime Scene Evidence: Effects of Burial on Pre-existing Clothing Damage”

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Chemistry Sessions  
**Moderator: Kenneth Allan**

Jay Preusker:  
“Investigation into temperature adaptation in cytochrome c6 and development of cytochrome f expression method”  
Faculty Mentor: Katherine Frato

Miranda Taggart:  
“Development of a genetics toolkit to study vaginal microbiota”  
Faculty Mentor: Christopher Whidbey
Katie Zimmerman:
“Smallpox: The history and treatment of the variola virus”
Faculty Mentor: Douglas Latch

Hayley Purcell:
“Quantitative SPME-GCMS analysis of pyrazines associated with potato taste in green coffee: Development of a method based on standard additions and deuterated internal standardization”
Faculty Mentor: Kristen Skogerboe

Olga Musinina & Clara Park:
“Conducting a screen of chiral ligands to optimize reaction enantioselectivity in an aza-Diels-Alder reaction”
Faculty Mentor: Peter Alaimo

Theresa Rackson:
“Use of LIBS to measure Sr/Ca ratios in coral and estimate historical sea surface temperatures”
Faculty Mentor: Ryan McLaughlin

Miracle Orji:
“Maternal mortality in the black community: Evaluating the predictive utility of haptoglobin biomarkers in preeclampsia diagnosis?”
Faculty Mentor: Kristen Skogerboe

Anny Nguyen:
“Eczema-linked diseases”
Faculty Mentor: Eric Watson

Sabrina San Diego:
“Severe malaria research: An investigation of CIDRa5 and DBLb5 domains in ITvar16, a known var gene associated with severe malaria”
Faculty Mentor: Kristen Skogerboe
Emina Cheung and Joseph McBride: 2:30
“Syntheses and characterization of novel triple-decker sandwich complexes”
Faculty Mentor: Eric Watson

Timothy Casad and Emina Cheung: 3:20
“Structures and regioselective syntheses of novel di-ruthenium triple-decker complexes”
Faculty Mentor: Eric Watson

Chad Rosevear: 3:50
“Amide ligation of acyltrifluoroborates and hydrazides”
Faculty Mentor: Joseph Langenhan

Noah Haughn: 4:10
“BPA replacements: How one pernicious additive is replaced with analogues that may be just as dangerous”
Faculty Mentor: Douglas Latch

Lydia Griggs: 4:30
“Progress toward a novel synthesis of a glycosylated asparagine residue”
Faculty Mentor: Joseph Langenhan
Student Center  
Student Center 210

Psychology Sessions 1  

**Moderator: Michael Spinetta**

**Natasha Rohrsetzer & Erin Alberts:**  
“Identity and Social Support: LGBTQIA+ Students and Help-Seeking Behaviors”  
Faculty Mentor: Michael Spinetta

**Griffon Leemon:**  
“Exclusion of Sexual Minorities Within Intimacy Research”  
Faculty Mentor: Katie Guts

**Isis Covington & Annelise Loveless:**  
“The Effects of Race and Representation on Perceived Academic Attitudes in Higher Education Students”  
Faculty Mentor: Michael Spinetta

Psychology Sessions 2  

**Moderator: Michael Spinetta**

**Emily Reini, Jane Rohr & Courtney Baker:**  
“Let’s Talk Openly About Sex: The Effects of Sexual Education on Body Appreciation and Sexual Communication”  
Faculty Mentor: Michael Spinetta

**Claire Gunther & Anni Christensen:**  
“Back to the Basics: The Impact of Home and School Environments on Future Success”  
Faculty Mentor: Michael Spinetta

**Neha Hazra:**  
“A Literature Review: The Effects of Misrepresentation in Mainstream Films and Television on Ethnic Minorities”  
Faculty Mentor: Katie Guts
Biology Sessions 1:00-4:30

**Moderator: Kristen Hultgren**

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**Celeste Dylla & Hannah Samsen:**
“Nesting Preferences of American Bushtits (Psaltriparus minimus) in an Urban Campus Setting” 1:00

Faculty Mentor: Rebecca Hartley

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**Meaghan O’Connor Lenth:**
“Testing the Ecological Limits of Algae Habitat Preference in the Pacific Northwest” 1:15

Faculty Mentor: Michael Zanis

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**Molly Van Dyke & Kaley Dugger:**
“The Effect of Acute Sleep Deprivation on the Stress Response in Undergraduates” 1:30

Faculty Mentor: Stephen Luckey

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**Karyssa Miller:**
“Quantitative trait analysis of Arabidopsis thaliana growing in a high sulfur environment” 1:45

Faculty Mentor: Michael Zanis

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**Corinne Bennett & Fiona Garrett:**
“Biodiversity Study on Fouling Communities in Elliott Bay Using ARMS” 2:00

Faculty Mentor: Kristin Hultgren

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**Morgan Beste & Natasha Rosenbach:**
“Effects of Boat Pollution on Fouling Communities in the Puget Sound” 2:10

Faculty Mentor: Kristin Hultgren

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**Jenna Rolf & Karyssa Miller:**
“How marine invertebrate diversity affects adventitious branching in Fucus distichus” 2:20

Faculty Mentor: Kristin Hultgren
### Biology Sessions cont.

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<tr>
<th>Time</th>
<th>Student(s)</th>
<th>Title</th>
<th>Faculty Mentor</th>
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<tbody>
<tr>
<td>2:30</td>
<td>Shae Harris &amp; Jack Holmes</td>
<td>“Influence of molluscan biodiversity and oyster culture on the invasion success of Batillaria attramentaria”</td>
<td>Kristin Hultgren</td>
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<tr>
<td>2:40</td>
<td>Sienna Pallesen</td>
<td>“Microbial Diversity and Antibiotic Resistance in Puget Sound Sediments”</td>
<td>Kristin Hultgren</td>
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<tr>
<td>2:50</td>
<td>Andrew Sorensen</td>
<td>“Phylogenetic Diversity within Symbiotic Polychaeta”</td>
<td>Kristin Hultgren</td>
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<tr>
<td>3:15</td>
<td>Delaney Kirchmeier</td>
<td>“Investigating the cardioprotective effects of exercise in young and old female mice”</td>
<td>Stephen Luckey</td>
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<tr>
<td>3:30</td>
<td>Eloise Santa Cruz</td>
<td>“Molecular evolution of methionine salvage genes across green plants”</td>
<td>Michael Zanis</td>
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<tr>
<td>3:45</td>
<td>Bri Ganzon &amp; Zach Duckworth</td>
<td>“Effects of Harbor Seals on Salmon in the Puget Sound”</td>
<td>Correigh Greene</td>
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<tr>
<td>4:00</td>
<td>Benjamin Hughes &amp; Ethan Schmitt</td>
<td>“Does Chronic Exercise Mitigate Final Examination Stress in Undergraduates?”</td>
<td>Stephen Luckey</td>
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</tbody>
</table>
Kalia Hendricks & Morgan Beste:
“Impacts of Urbanization on Intertidal Invertebrate Species Richness in Puget Sound”
Faculty Mentor: Kristin Hultgren

Carolyn Fish:
“Genetic variation within haploid clonal eukaryotic green algae”
Faculty Mentor: Michael Zanis
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