



# SPU HONORS

The SPU Honors Research Symposium is an academic conference where graduates present their independent Honors Research Projects in the context of the liberal arts learning at the heart of the Honors BA degree.

**MAY 18, 2024** OTTO MILLER HALL

**4<sup>th</sup> Annual**

**SPU**

**HONORS**

**RESEARCH**

**SYMPOSIUM**

# SPU HONORS RESEARCH SYMPOSIUM

May 18, 2024

## Overview: SCHEDULE of EVENTS

9:30 am *Arrival and Refreshments* OMH Lobby  
10:00 am **Welcome and Opening Remarks** OMH 109 Lecture Hall

### 10:30-12:00 Morning CONCURRENT PANEL SESSION

Panel #1 OMH 118

#### **Loving the other: Working Towards Flourishing Community**

Gloria Diehl, Kyler Granados, Kurt Reinmuth, and Esal Shakil

Panel #2 OMH 128

#### **Creative Process & Processive Creativity**

Jessica Day, Cameron Beers, Evan Teigland, Macs Herdrich

Panel #3 OMH 127

#### **Challenging Hegemonic Discourse – Reframing How We View Our Worlds**

Philip Min, Emily Blue, Talia Parlane, Rae Perez

Panel #4 OMH 126

#### **Coming of Age: Youth Formation in Culture and Community**

Mary Bruggeman, Anna Kreisman, Aubrey Rhoadarmer

Panel #5 TBD

#### **Power and Control: The Effects of Powerful Institutions Controlling Labor Unions, Higher Education, and Taylor Swift**

Annabelle Sukin, Jenna Gillam, Sophia Braymen

12:00 pm **All-Honors Luncheon** OMH Lobby

### 1:30-3:00 Afternoon CONCURRENT PANEL SESSION

Panel #6 OMH 118

#### **What Does it Mean to Be Healthy? A Discussion on Seeking Ways to Stay Healthy in a Broken World**

Jewel Garcia, Miranda Oddy, Ryan Watson, Eve Sudberry

Panel #7 OMH 128

#### **Eating the Internet: Mass Consumption of Media, Data, and Energy**

Sage Driscoll, Cynthia Nguyen, Garrett Crites, Dillon Goicoechea

Panel #8 OMH 127

#### **From Principle to Practice**

Rayna Martin, Esther Mutesi, Micah Lim

Panel #9 OMH 126

#### **Bridging the Gap: Deconstructing Academic Attitudes for Accessibility**

Carrie Cox, Maxwell Hayden, Parker Landon

Panel #10 TBD

#### **Pathways to Innovation: Unveiling Science's Journey from Inquiry to Truth**

Lay Paw, Alessandro Rizzi, Kellie Grover

3:00 **Honors Class of 2024 Award Celebration** OMH 109 Lecture Hall  
**All-Honors Dessert Reception to Follow** OMH Lobby

# Honors Research Symposium 2024

Seattle Pacific University

## Detailed Schedule



### Arrival and Refreshments

9:30 am – 10:00 am

Otto Miller Hall Lobby

### Welcome and Opening Remarks

10:00 am – 10:30 am

Dr. Joshua Tom, Honors Director

OMH 109 Lecture Hall

## Morning Concurrent Session

10:30 am -12:00 pm

Panel #1

Location: OMH 118

### Loving the other: Working Towards Flourishing Community

This panel explores the complex intersections of sexuality, gender, spirituality/religiosity, identity, and community. We hold in tandem the division that manifests through our language and identity-based biases with the ever-present hope of connection despite such estrangement. Through Psychology, Theology, and Performing Arts, we aim to identify pathways for recentring and empowering marginalized voices, reconciling diverse communities, and representing narratives toward transformation, wholeness, and the flourishing of all.

#### Panelists:

##### Gloria Diehl

Honors Research Project Title:

*Defining Healthy Love: A Narrative Review of Purity Culture's Impact on Healing From Sexual Assault*

##### Kyler Granados

Honors Research Project Title:

*All Holy Desires: An Anglican-Episcopal Theology of Desire and Prayer Book Liturgical Asceticism*

##### Kurt Reinmuth

Honors Research Project Title:

*A Theatrical Exploration into Queer Joy*

##### Esal Shakil

Honors Research Project Title:

*"They're human, let's treat them like that": A Qualitative Analysis of South Asian Perspectives on the LGBTQ community at a Christian Institution*

Panel #2

Location: OMH 128

### Creative Process & Processive Creativity

Creativity is an essential, yet complicated tool of human expression. Breaking down a wide variety of artistic mediums can help us better understand creativity as a process, all for the sake of engaging with ourselves and the world around us. This panel examines the diverse ways artists create visual, literary, and musical works in order to explore the academic structures and personal experiences that make up our lives.

#### Panelists:

##### Jessica Day

Honors Research Project Title:

*"The Hero of My Own Life": The Purpose of the Fictional Self in the Life Writings of Mary Wollstonecraft and Charles Dickens*

**Cameron Beers**

Honors Research Project Title:

*Music Creation: A look into the process and products of organizing and performing a concert of arrangements and original works*

**Evan Teigland**

Honors Research Project Title:

*A Romantic Austen: The Discordant Feminist Discourse of Adapting Sense and Sensibility*

**Macs Herdrich**

Honors Research Project Title:

*EARTH/UNEARTH (on the Nature of G-d and Creation)*

Panel #3

Location: OMH 127

**Challenging Hegemonic Discourse – Reframing How We View Our Worlds**

Facets of our society are built on structures of social power where discourse is produced and reinforced by institutions. However, this paints a narrow view of reality that often dehumanizes others. Across various disciplines, our panelists explore the innerworkings of our society and the ways humans interact with the self, the Other, and their environments. Through exploring the “foreigner,” constructed views, morality, and the “(r)evolutionary,” they consider how narrow perceptions of reality limit our understanding of the holistic human experience.

**Philip Min**

Honors Research Project Title:

*Modeling Perpetual Foreignness of Asian Americans*

**Emily Blue**

Honors Research Project Title:

*The Effect of Gender on Violent Crime: An Analysis of Federal Crime Sentencing*

**Talia Parlane**

Honors Project Research Title:

*Inherently “Selfish”? Exploring Egoism in Altruism.*

**Rae Perez**

Honors Research Project Title:

*reaping in the dark*

Panel #4

Location: OMH 126

**Coming of Age: Youth Formation in Culture and Community**

This panel will delve into the intricate interplay between community dynamics and youth development, examining how various contexts shape perspectives, sexuality, and adaptation in youth. This topic is approached through the lenses of language summer camps, refugee resilience, and Christian youth groups. With backgrounds in journalism, linguistics, psychology, and sociology, panelists will highlight how cultural and community backgrounds influence youth formation.

**Mary Bruggeman**

Honors Research Project Title:

*"Can you just speak normal?": How Language Summer Camps can Contribute to Children's Linguistic and Cultural Learning*

**Anna Kreisman**

Honors Research Project Title:

*Resilience in Refugee Youth: A Review of Contributing Factors and Potential Barriers*

**Aubrey Rhoadarmer**

Honors Research Project Title:

*'I didn't know what sex was': Effects of Christian Youth Group Involvement on Women's Sexuality in Adulthood*

Panel #5

Location: TBD

## **Power and Control: The Effects of Powerful Institutions Controlling Labor Unions, Higher Education, and Taylor Swift**

Institutions act as regimes of value in society, dictating what consumers can access. Our panel identifies the effects of these powerful institutions and analyzes how economic, legal, and sociological systems have supported them. Our projects specifically identify how regulatory bodies have prioritized the interests of corporations over stakeholders and provide recommendations for legal action and reform.

### **Annabelle Sukin**

Honors Research Project Title:

*The Students for Fair Admissions, Inc. v. President and Fellows of Harvard College: The Case Against Affirmative Action from the Asian American Perspective*

### **Jenna Gillam**

Honors Research Project Title:

*Tied Together with Ticketmaster: Analyzing the Exclusive Contracts of Ticketmaster Through the Lens of Antitrust Scholars*

### **Sophia Braymen**

Honors Research Project Title:

*Starbucks Workers United and the Future of American Labor Activism*

**All-Honors Luncheon**

**12:00 pm -1:15 pm**

**Otto Miller Hall Lobby**

## **Afternoon Concurrent Session**

**1:30 pm -3:00 pm**

Panel #6

Location: OMH 118

### **What Does it Mean to Be Healthy? A Discussion on Seeking Ways to Stay Healthy in a Broken World**

Human systems affect the health of our bodies, minds, and the Earth. As knowledge is created, humans build systems and structures that have unintended consequences. Through research and innovation, humans can solve problems resulting from the systems they create. Using an interdisciplinary approach, the panelists seek ways to reduce the negative impacts of these systems on human and environmental health.

### **Jewel Garcia**

Honors Research Project Title:

*Salmon Mislabeling Rates Uncovered in Sushi Restaurants and Grocery Stores in Seattle*

### **Miranda Oddy**

Honors Research Project Title:

*Past Experiences and Current Attitudes: Is Everything Connected?*

### **Ryan Watson**

Honors Research Project Title:

*Helping the Home Cook: How Unsupervised Machine Learning Can Prevent Food Waste*

### **Eve Sudberry**

Honors Research Project Title:

*Mental Health Care Disparities Among Black Individuals in the United States as a Consequence of Racial Inequity and Inequality*

Panel #7

Location: OMH 128

## Eating the Internet: Mass Consumption of Media, Data, and Energy

Consumption is a main feature of our modern culture, especially in regard to media content. This panel discusses consumption from the perspectives of amount consumed, parasocial relationships with creators, economic interests, and resource usage. By exploring these ideas, we become more conscious of our consumption in the many spaces we engage in every day.

### Sage Driscoll

Honors Research Project Title:

*"I'm not your friend": Content Type Influence on Parasocial Relationship Formation on YouTube*

### Cynthia Nguyen

Honors Research Project Title:

*Intimacy Without The Chance Of Heartbreak For Richer, For Poorer, In Sickness & In Health*

### Garrett Crites

Honors Research Project Title:

*Demystifying the 'Social Media Algorithm': The Legacy of Surveillance Advertising and Platformization*

### Dillon Goicoechea

Honors Research Project Title:

*Analysis of Green Data Center Efforts and Energy Usage*

Panel #8

Location: OMH 127

## From Principle to Practice

Skimming the asymptote of perfection, we are imperfectly human—and nowhere is this more apparent than in issues close to home. What makes us uniquely situated to address the needs in our communities, and allows principle to inform practice? This panel discusses meaningful inquiries and positive change within climate education, campus inclusivity, and the power dynamics of our local government.

### Rayna Martin

Honors Research Project Title:

*Deciphering Municipal Authority: Examining the Balance of Powers in Local Government*

### Esther Mutesi

Honors Research Project Title:

*Exploring Rwandan High School Students' Understanding of Heat and Temperature to Explain How The Sun Affects Earth's Climate.*

### Micah Lim

Honors Research Project Title:

*Unrealized and Uncertain: An Exploratory Journalism Piece on the Initiatives and History of Diversity and Inclusion at Seattle Pacific University*

Panel #9

Location: OMH 126

## Bridging the Gap: Deconstructing Academic Attitudes for Accessibility

What are the barriers restricting academic knowledge from permeating a broader range of audiences and purposes? Through the lens of quantum physics, writing education, and programming language research, this panel addresses the topic by examining, questioning, and offering alternative methods for constructing, communicating, and applying knowledge.

### Carrie Cox

Honors Research Project Title:

*Qubits for Students: A Hands-On Introduction to Quantum Computing for Undergraduate Quantum Mechanics Courses*

### Maxwell Hayden

Honors Research Project Title:

*The Translingual College Classroom: Repurposing Essays for Inclusivity and Practicality*

### Parker Landon

Honors Research Project Title:

*A Survey of Practical Haskell: Parsing, Interpreting, and Testing*

Panel #10

Location: TBD

**Pathways to Innovation: Unveiling Science's Journey from Inquiry to Truth**

This session explores how the scientific method functions as a dynamic, iterative process of knowledge creation. We will examine science as a collaborative effort to generate innovative inquiries, novel solutions, and broader insights by building on past discoveries. In doing so, science shapes individual, disciplinary, and societal understandings of the world.

**Lay Paw**

Honors Research Project Title:

*Exploring the use of FDA approved  $\alpha$ -Difluoromethylornithine (DFMO) and Orlistat as gammaherpesvirus antiviral drug*

**Alessandro Rizzi**

Honors Research Project Title:

*The Development of Cs124-Sensitized Luminescent Terbium Complexes for Anion Binding and Sensing*

**Kellie Grover**

Honors Research Project Title:

*Human Health and Outdoor Lighting: A Multidisciplinary Systematic Review of Current Research*

**HONORS Class of 2024 AWARD CELEBRATION**

**3:00 pm**

**Otto Miller 109 Lecture Hall**

***Dessert Reception to Follow***

***OMH Lobby***