

# **SPRING STUDENT RESEARCH SYMPOSIUM**

**May 15, 2023  
Noon– 5:00 p.m.  
Celebrate & Support**

Scholars participate in discussions. They listen to, learn from, and extend the concepts and ideas in their fields. Their conclusions begin with questions.



Feather River College

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# WELCOME!



Today is a special day as FRC celebrates the Spring 2023 Student Research Symposium, where FRC students showcase their academic coursework with public presentation skills. One of the most vital skills that a person can carry with them their entire life is the ability to present information in a clear, concise manner that is understandable to others. While critical thinking is important, even more valuable is the ability to communicate that critical thinking to others. FRC is proud of the impressive work at today's Student Research Symposium. We are excited for your attendance and we are honored that you have chosen to support FRC students at this event.

Dr. Kevin Trutna  
Superintendent/President



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## A Note on Behalf of Instruction

Greetings! Scholars gather to share their research, test their arguments, and learn from their peers at a symposium. In this spirit, individual understanding of a subject grows, and research takes new directions. Learning happens through discussion and experience; this is how we grow in imagination and productivity. The practice you get here establishes skills necessary for success on any campus or in any professional environment. You are undertaking valuable preparation towards your majors and careers. These partnerships elevate the collective intellectual character of our school, so come prepared to listen, ask questions, and examine alternatives. I'm excited to carry on this exciting tradition with you!



Dr. William V. Lombardi  
Professor of English

## A Note on Behalf of Student Services



Student Services provides support to First Year students through a variety of programs. Summer Bridge, New Student Orientation, and Week of Welcome are on-boarding programs that help connect students to their campus, classmates, and community. The Student Success and Student Life programs give students the tools they need to be successful both in and out of the classroom. Additionally, students are encouraged to meet with their advisors regularly to develop and update Education Plans based on their academic and career goals. All of these supports work together in collaboration with the English Department to help students transition to college and meet the new academic and personal expectations.

Michelle Petroelje  
Director of Student Equity and Achievement

## Schedule of Events

12:30 – 1:00

WELCOME

Campus Green

Opening Remarks

Dr. William Lombardi, English Professor

First Year Experience (FYE)

Michelle Petroelje, Director of Student Equity and Achievement

Aerial Silks Class Performance

Jessie Lewis, Jac Clark, Kiena Van Pelt, Chelsea Weekley,  
Kaitlyn Rangel

1:10 – 2:00

Poster Exposition

Library

Poster Exposition

Library

Swarm and Lombardo

**ENGL 119, Instructor: Joe Willis; “The Cartoon Project”**

Hannah Blas, Gage Hoyle, Ashlee Kraft, Gehrig Larrigan, Carson Lydon, and Eric Romero

**ADMJ 108, Instructor: Cydney Piper**

Donovan Hernandez: Wrongful Death vs. Murder; Santo Spinella: Blood Splatter;  
Miranda Langan: Latent Fingerprints; Caleb Waits: Terrorism and National Security;  
Jasmin Garcia: Crime Scene Sketches; Myah Rogers: DNA; Anthony Saez: Ballistics

**ENVR 201; 266, Instructor: Adam Fuller**

James Ellermeier: Mt. Hough ATV Trail  
Jonathan Bruce: Sierra Nevada Yellow-Legged Frog  
Jacob Cloutman and Aya Patyk: Reef Tank Inhabitants

**BIOL 104, Instructor: Anna Thompson**

Emma Leff: Skull Analysis; Amanda Cortez: Whose Skull is This?; Nick Graham:  
Mystery Skull Project

**ENGL 101, Instructor: Joan Jarrett**

Madison Pyne: Is Horse Riding a Sport?; Taisei Watanabe: Japan's Declining  
Birthrate; Maodo Ndiaye: NIL Deals

**Chemistry, Instructor: Kurt Smart**

Ashley Vernon and Kimber McGraw: The Science of Candy; Jose Aguayo and Sean Kinney: Alum Project; James Graham: Water and Iron; Joshua Bass and Zechariah DeHerrera: Rust Experiment; Anthony Stewart-Rojas and Lisa Smith: Black Flame; Jamie Johnson: Molarity; Rylee Cooper and Kennedy: H2O My God!; Leah Bills: Copper in Water; Lacy Ruegg, Evi du Bois, Ryan Livingstone: What the pHuck; Jersey Tsoie and Megan Jensen: Dipole-Dipole Forces; Juan Martinez and Alexander Loomis: Crystalization

**SOC 140, Instructor: Dr. Grose**

Jarrod Villareal, Juan Martinez, Triniti Adams, Gage Hoyle, Matthew Goff, Alexa Baumgartner, Eli Steele, Jamie Johnson, Tyler Hernandez, Ava Saiers, Kiyana Faupula, Joshua Bass, Carissa Chainey, Sara Fandel, Ashlee Kraft, Katherine Gee, Courtney Moore, Amanda Forbes, Teagan Lopez-Schramel, Camren Foster, Lacy Ruegg, Miranda Langan, Trista Evans, James Graham, Wyatt Peters, Gannon Jeter, Emma Daugherty, Savanna Manha, Zechariah DeHerrera, Breckyn Shirley, Madolyn Fitch, Maodo Ndiaye, Parker Lewallen, Courtney Srouji, Shealyn Snodgrass, TyAnna Farmer, Tanner McCutcheon, Ryan Kistle, Nellie Stevenson

**2:10 – 3:00      SESSION I      UPPER CAMPUS**

<b>Panel</b>	<b>Theme</b>	<b>Room #</b>	<b>Moderator</b>
<b>Panel 1</b>	<b>Mental Health and Therapy</b>	<b>MAIN 203</b>	<b>Grose</b>

Shasta Partain	Breaking Generational Trauma
Elle Sosa	Effects of PTSD
Jenna Villapania	Alcohol Abuse
Dorothy Frank	Art Therapy

<b>Panel 2</b>	<b>Economics</b>	<b>MAIN 207</b>	<b>Lombardi</b>
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Kimani Johnson	AI in Economics
Callum McGuiness	Covid-19 and Business
Reese Kincaid	Financial Literacy
Ilija-Elias Steele	Wage Stagnation
Marquis Edwards	Discrimination in the Workplace

<b>Panel</b>	<b>Theme</b>	<b>Room #</b>	<b>Moderator</b>
<b>Panel 3</b>	<b>Art Appreciation</b>	<b>MAIN 208</b>	<b>Olivera</b>

Art Deco/ Art Nouveau

Bevin Churchill

International Style/Modernism

Caleb Waits, Hannah Dowers, Samantha Arms, Hayden Marino

Islamic Architecture

Maisy Schwartz, Madison Cervantes, Jaziel Livingston, Austin Kearney

<b>Panel 4</b>	<b>Healthcare</b>	<b>STUSVC 627</b>	<b>Oertle</b>
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Jordan Branham

Camren Foster

Lane Barnett

Clara Pokorski

Race and Healthcare

Problems with Healthcare

Unfair Healthcare

Adolescents and Healthcare

<b>Panel 5</b>	<b>Women and Society</b>	<b>STUSVC 630</b>	<b>K. Smart</b>
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Madison Reiswig

Trista Evans

Katelyn Brandao

Heather Robinson

Lauren Pecos

Women and Oppression

Sexualization of Women

Women, Oppression, and Sexualization

Mental Health Stigma

Violence Against Women

<b>Panel 6</b>	<b>Soccer/Image</b>	<b>LRC 850</b>	<b>Jarrett</b>
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Ben Callum

Logan Reed

Toby Evens-Gilham

Georg Manolov

Sports Psychology

Soccer, Pressure, Fans

Racism in Soccer

Development of Soccer

<b>Panel 7</b>	<b>Wild Horses / Public Lands</b>	<b>LRC 871</b>	<b>D. Flett</b>
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Kaitlin Parodi

Kylie Askew

Jonathan Pasch

Madison Eide

Mustangs and Environment

Wild Horse Controversy

Wild Horses

Grazing on Public Lands

3:00 – 3:10

UPPER CAMPUS

**COMFORT BREAK**

Refreshments will be served.

3:10 – 4:00

SESSION II

UPPER CAMPUS

Panel	Theme	Room #	Moderator
<b>Panel 8</b>	<b>Get Your Mind Right</b>	<b>Main 203</b>	<b>Heaney</b>

Tyler Stolfich	Music and Cognition
Holly Klauk	Curiosity and Happiness
Jamel Jenkins	Chakra Meditation
Kassidy Cecil	Motivation vs. Mindset

<b>Panel 9</b>	<b>Animals, Mental Health, and Welfare</b>	<b>Main 207</b>	<b>Lombardi</b>
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Ryley Lukens	Colt Starting
Paige Ibarra	Mental Health in Horses
Samantha Arms	Animals and Mental Health
Memo Valadez	Stop Animal Testing

<b>Panel 10</b>	<b>Art Appreciation</b>	<b>Main 208</b>	<b>Olivera</b>
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Sustainable Green Architecture

Lauren Pecos, Triniti Adams, Toby Mark Evens-Gilham, Figo Fei Cheuk, Georg Manolov

Greek/Classical Architecture

Gannon Jeter, Anthony Alvarado, Jolani Turner, Kenneth Roach

Gothic Architecture

Alicia Manning, Elainna Warndorf, Hannah Michael, Gustavo Casillas-Avalos

<b>Panel 11</b>	<b>Healthcare II</b>	<b>STUSVC 627</b>	<b>Oertle</b>
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Alyssa Brandon	Living with Lupus
Rylee Cooper	Nutrition and Body Image
Autumn Bennett	Costs of Cancer Treatment
Trace Patterson	Guided by Glory: Athletes, Retirement

Panel	Theme	Room #	Moderator
<b>Panel 12</b>	<b>Athletes, Equity, Politics</b>	<b>STUSVC 630</b>	<b>K. Smart</b>

Chase Wiggins	Student Athlete Mental Health
Josiah Lathon	Gender Inequality in Sport
Erin Mitchell	Gender Equality in Sport
Isaac Madrigal	When Sports and Politics Collide

<b>Panel 13</b>	<b>Athletes and Mental Health</b>	<b>LRC 850</b>	<b>Jarrett</b>
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Cameron Darmody	Mental Health in College
Monjaro Senegal	Mental Health is Real
Braden Ovitz	Men's Mental Health
Rhys Fairweather	Mental Health Affects Athletes

<b>Panel 14</b>	<b>Human Dimensions/Natural World</b>	<b>LRC 871</b>	<b>D. Flett</b>
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Lucia Jones	Walking the Line
Joseph Froese	Oil Controversies
Eugenia Geydelman	Water and Agriculture
Cierra Mannon	Forest Health
Ashlin Hummel	Bring Back Logging

**4:00 – 4:10**

**UPPER CAMPUS**

**COMFORT BREAK**

Refreshments will be served.

**4:10 – 5:00**

**SESSION III**

**UPPER CAMPUS**

Panel	Theme	Room #	Moderator
<b>Panel 15</b>	<b>Jackpot!</b>	<b>MAIN 203</b>	<b>Grose</b>

Kole Krautstrunk	Faking Social Media
Austin Kearney	Social Media/Cyber Bullying
Jamison Price II	Two-Parent Homes
Ryan Vaughn	Mining for Money



<b>Panel</b>	<b>Theme</b>	<b>Room #</b>	<b>Moderator</b>
<b>Panel 16</b>	<b>Alternative Energies/Poetry</b>	<b>MAIN 207</b>	<b>Lombardi</b>
	Anthony Stewart-Rojas Sean McArthur Shane Danley Evi de Bois	(Un)Damming Rivers Electric Takeover Legalize Modified Diesel Poetry Analysis	
<b>Panel 17</b>	<b>Justice</b>	<b>MAIN 208</b>	<b>Olivera</b>
	Enrique Lopez Jeryll Mcintosh Tate Garrett Angelyssia Ibarra-Lira Enrique Flores Jr.	Youth Homelessness Police Brutality Civil Grand Jury Gun Control in America Death Penalty	
<b>Panel 18</b>	<b>Athletes, Health, and Money</b>	<b>STUSVCS 627</b>	<b>Oertle</b>
	Jaziel Livingston Jackson Powell Cameron Swain Dreden Filoteo-Chatman	Testosterone Steroids and Athletes Head Trauma in Football Sports Gambling	
<b>Panel 19</b>	<b>Education</b>	<b>STUSVCS 630</b>	<b>K. Smart</b>
	Linda Meeks Amanda Forbes Fabiola Cano Kylie Bergstrom	Play-Based ECE Valuing Art Education Immigrants in Education Education after Covid	
<b>Panel 20</b>	<b>Athletes and Mental Health</b>	<b>LRC 850</b>	<b>Jarrett</b>
	Aaron Nobu Damian Mercado Ladontrea Lendon Braelyn Birkel	College Athletes' Mental Health Men's Mental Health Student-Athletes' Mental Health Effects of Test Taking	

Panel	Theme	Room #	Moderator
Panel 21	Forests, Fire, Water	LRC 871	D. Flett

Trey Hughes  
Lilah Washburn  
Brenna Jeska  
Sean Tillman  
Simon Dauth

Deforestation Worldwide  
Effects of Wildfire  
Effects of Drought  
Water, Please Share  
Whitewater Safety

## THANK YOU

**TO ALL STUDENTS PARTICIPATING IN THIS EVENT:** The faculty and staff of Feather River College appreciate your smart work and effort.

**TO ALL FACULTY AND STAFF WHO HAVE MADE THIS EVENT POSSIBLE:** Thank you for planning, preparing, and facilitating all aspects of the Symposium.

A special thank you to those volunteering as panel moderators.

**TO THE SYMPOSIUM COORDINATING COMMITTEE:** MICHELLE PETROELJE, DIRECTOR OF STUDENT EQUITY AND ACHIEVEMENT AND RICK LEONHARDT, BUSINESS PROFESSOR

**TO TERREA VANCLEVE:** For her skilled and timely efforts in the Print Shop.

**TO CHEF SEAN CONRY AND HIS STAFF:** FOR PROVIDING ALL FOOD AND REFRESHMENTS

### MORE THANKS TO:

Dr. Kevin Trutna, Superintendent/President  
Dr. Derek Lerch, Vice President of Instruction  
Carlie McCarthy, Vice President of Student Services  
Dr. Katie Desmond, Assistant Dean of Instruction  
Dr. Tom Heaney, Liberal Arts and Sciences Division Chair

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