

**9th Annual
Student Research Symposium**



*An interdisciplinary
meeting of the minds*

May 15, 2018

About the Symposium



Woodland Community College's Student Research Symposium is hosted every spring to highlight the diverse research interests of our students. The student research featured in the symposium includes both primary and secondary research in the social sciences, natural sciences, and humanities.

The symposium features a variety of research methodologies:

- Students conducting **primary research** collect original data through experiments, interviews, or surveys.
- Students conducting **secondary research** are synthesizing or analyzing existing information or sources.

Research projects are organized by the course for which the research was conducted. To learn more about these courses, see WCC's Course Catalog.



AG 45L - Principles of Animal Science (Secondary Research)

Prof. Brandi Asmus

Debeaking in Poultry

Emily Schreiner

The Free-Range Hoax: Cage-free poultry products

Michael Abele

Which would you choose? Grass-fed or Grain-fed Beef

Mauricio Ramirez

BIOL 1 - Principles of Biology (Primary Research)

Prof. Brian Gillespie

Comparing Gas Production of Yeast When Exposed to Different Growth Media

Lizbeth Soltero, Simran Ahad, Kyliana James

Growth of Yeast in different lights

Gurpreet Dhillon, Joshan Dhillon, Sukhman Dhillon, Shan Pegany

How Do Different Sugars Effect the Growth of Yeast?

Stephanie Leon, Michelle Hernandez-Rodriguez, Ricardo Ramirez-Ceja, Zahir Sarwar

The Effects of PH on Yeast Growth

Aaron Sok, Brian Trat, Harpreet Singh

BIOL 2 - Zoology (Primary Research)

Prof. Brian Gillespie

Goldfish Food Preference

Maddy Marquez

BIOL 4 – Human Anatomy (Secondary Research)

Prof. Jaya Shah

Blood circulation in the heart

Tafesse Tadesse

BIOL 3 - General Botany (Primary Research)

Prof. Brian Gillespie

Effect of different types of water on tomato plants

Joshua Dhillon

Effects of Deionized Water vs Filtered Water on Tomato Plants

Evelyn Leon-Reyes

Effects of Organic & Synthetic Fertilizer on Solanum lycopersicum Growth Rates

Jace Pearson

Growing tomato with ash as fertilizer

Vini Rodriguez

Growth Rate Experiment

Nathan Bryant

Growth Rates Based on Plant Numbers

Maddy Marquez

Organic Fertilizer vs Chemical Fertilizer Experiment

Mahed Islam

Plant Tissue pH: Affected by pH of Hydration Solution

Kyla Lubker

BIOL 5 – Human Physiology (Secondary Research)

Prof. Jaya Shah

Alzheimer's disease

Evelyn Chavez

Ankylosing Spondylitis

Davis Adams

Laryngeal Sarcoidosis

Lauren Olswang

Type 1 Diabetes

Yolanda Rocha

BIOL 6 – Microbiology (Secondary Research)

Prof. Ralph Robinson

Bovine Spongiform Encephalopathy

Monica Hernandez

Lymphatic Filariasis

Halen Mariano

Whooping cough

Bhupinder Kaur

ENGL 1A – College Composition and Reading (Secondary Research)

Prof. Noel Bruening

1920's prohibition/gangsters

Makenzi Marks

A Woman's Right to Vote

Jaqueline Ambriz

Author Analysis on F. Scott Fitzgerald

Juan Huerta

Cultural appropriation in the 1920s

Yolanda De la Torre

Fashionable Flappers of the 1920's

Amy Guerrero

Gatsby and The Roaring Twenties

Brandon Solorio

How Entertainment Influenced Major Events in The Novel The Great Gatsby

Sydney Scrogings

Maya Angelou

Maria Ruiz

Prohibition

Jennifer Saldana

Prohibition in the city

Andrea Solano

(ENGL 1A – continued)

Prohibition in The Great Gatsby

Joel Hernandez

Prohibition in The Great Gatsby

Alfredo Leon

The 1920 American Dream

Nighat Khalique

The Impact of Vehicles During The Roaring 20's

Guadalupe Luna

The Jazz Age

Selena Alvarado

The Lost Generation

Elizabeth Smith

The Prohibition

Edgar Rodriguez

Women's Suffrage during the 1920's

Rachel Gordon

World War 1

Samuel Villar

ENGL 1B – Critical Thinking/Writing about Lit. (Secondary Research)

Prof. Noel Bruening

"John Green" An Inspirational figure

Urooj Imran

"Rules of The Game" - Amy Tan

Francisco Bautista

Anne Bradstreet poems

Shawn Ribar

Dream land

Griselda Garcia

(ENGL 1B – continued)

Elie Wiesel

Rebecca Ceron

Frances Ellen Watkins Harper

Ale Ruiz Jimenez

J. K Rowling

Brianna Cervantes

J. R. R. Tolkien

Phuthisorn Paiboonsriwattana

Jeff Kinney, author - Diary of a Wimpy Kid (book series)

Johana Ayala

Junie B. Jones

Nayeli Hernandez

R.L. Stine

Cecilia Hernandez

Rick Riordan-The Man Behind the Myth

Sarah Echeverria

Shakespeare

Daizee Dolores

The Legacy of a Caged Bird

Samantha Hunter

Thomas Hardy

Dylan Malloy

Thomas Hardy

Ahmad Hassan

Walt Whitman

Cody McCallum

Welcome to a Dystopian World : A look into Suzanne Collins famous creation

Julio Huerta

William Shakespeare

Alejandra Munguia

PSYCH 7 - Research Methods in Psychology (Primary Research)

Prof. Alison Buckley

Academic Success and Sibling Configuration

Jacqueline Leon

Authoritative parenting on life satisfaction

Gabriela Rodriguez

Children's Impact After Parents Divorce

Lisette Camberos

Circling Bias around Same Sex marriages in Hispanic/Latino community.

Julio Huerta

CrossFit vs. Non-CrossFit Motivation Levels

Maddy Marquez

Deviant Behavior Among Consumers in the Retail World

Jessica Nicholi

Facebook activity contributes to jealousy in a romantic relationship

Bianca Gornto

Forbidden Fruit

Maria Diaz

How Satisfied Are You?

Noemi Mendoza Lopez

Internet Effect on Offensive Behavior

Jaime Valdes

Location Tracking

Jeff Arce

Physical Activity from Adolescence to Adult

Dominique Beauchamp

Self-Efficacy: The Weight of Perceived Success and Failure in Video Games

Daniel Dana

Social Dancing and Its Effect on Happiness

Colette Martin

(PSYCH 7 – continued)

Social Media and the effects of your Social Confidence and esteem

Marbella Ramirez

Social Media Use and Anxiety

Alyssa Morales

The Effect of International Travel on Political Ideology

Janine Nosek Cooper

The Effects of Bilingualism on GPA

Summia Shaikh

The Impact of Diet on Sleep Quality

Giavanna Moreno

The Negativity of “Helicopter Parenting” and its Downfall

Destiny Dominguez

What Your Cat Says About You

Rocio Verduzco

Women will show more attraction to feminine taller men than masculine men

Javaria Hanif

Women's Confidence Levels at the Gym

Gladys Corona

Workout Habits and Barriers

Bianca Puente

SOCIL 2 – Social Problems (Secondary Research)

Prof. Nili Kirschner

Adding It Up: A Sociological Perspective of The Flawed Education System

Naomi Amos, Daizee Dolores, Jose Alcaraz, Alexandra Casey

Environmental Racism as a Social Problem

Jessica Huerta, Vanessa Huerta, Analie Perez, Ines Rivera, Brianna Tanaka, Mayra Valdivia

Healthcare Social Problems

Dasha Artis, Chase Lanier, Gina Perkins, Maria Garcia

(SOCIL 2 – continued)

Healthy Bodies, Empty Wallets: A Sociological Analysis of American Healthcare

Sandra Castillo, Maria Cortez, Karen Kay, Juanita Parra, Melissa Vera, Victoria Young

Politics as a Social Problem

Melissa Comstock, Jared Pizzagani

The Prison System: A Social Problem

Lorena Arizaga, Maniqueca Cano, Katherine Hall, Curtis Hoyt, Raevin Nickerson

The Truth Behind Our Education System

Savanah Greenwood, Haris Saadat

The United States Prison System: A Sociological Perspective

Lillian Minyard, Jackie Morales, Diana Morales, Carla Gomez

SOCIL 8 – Social Science Research Methods (Primary Research)

Prof. Nili Kirschner

Answering the Call: Exploitation and Empowerment in California Community College Associated Student Organizations

Jake McCollum

CARE for Success: A qualitative study of student experiences in the CARE program

Sandra Castillo

Catching a catfish: How online dating profiles vary by the type of relationship wanted

Alisandra Valero

Health Interventions: A quantitative research study on the public's support to health programs

Victoria Young

Homeless initiatives: Exploring the effects of framing strategies on public support

Corrie Taylor

How do family traditional gender roles affect the coming out of gays and lesbians?

Lorena Arizaga

Obstacles to Latino Parents' School Engagement: A Qualitative Study

Juanita Parra

(SOCIL 8 – continued)

The effect of social media use on college students' self esteem

Sydney McKay

The third shift: The guilt and stress mothers feel balancing their many responsibilities

Maria Cortez

Demographic Predictors of Attitudes towards Climate Change

Belen Alcantar

SPECH 6 – Small Group Communication (Secondary Research)

Prof. Nicholas Turney

Adopt Don't Shop

Morgan Leathers, Halen Mariano, Caitlyn Fitzner, Emily Gonsalves, Oranut Paiboonsriwattana

Cafeterias in Community Colleges

Gerardo Valadez, Cecilia Hernandez, Elizabeth Hernandez, Adrian Vargas, Estephanie Ramirez

Gas Prices

Dominique Beauchamp, Jose Jacobo, Alicia Mendez-Casas, Xavier Mireles, Crystal Reyes

Homeless In Yolo County

Maria Isabel Romo, Maria Ruiz, Arely Gutierrez, Gurvir Sanghera, Abhinash Shah

How To Improve Community Colleges 101

Spencer Currey, Salvador Chavez, Erick Cuevas, Francisco Bautista

***Ink* – A Literary Arts Magazine**

Prof. Kevin Ferns

The symposium is proud to feature *Ink*, A Literary Arts Magazine:

Ink is a collection of original, student-created art, fiction, and poetry composed by Woodland Community College students for WCC and the greater community.

To learn more about Ink or to make a donation, please visit <http://ink.yccd.edu>. Stop by the Ink table during the symposium for a sneak preview!

The 9th Annual Student Research Symposium was sponsored by:



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Ana Villagrana, Office of the President

For additional information about the student research symposium,
contact Professor Nili Kirschner
(nili.kirschner@yccd.edu)
or visit <https://wcc.yccd.edu/campus/symposium/>