

**7th Annual
Student Research Symposium**



*An interdisciplinary
meeting of the minds*

May 12, 2016

About the Symposium

Woodland Community College's Student Research Symposium is organized 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 also features the pilot study results of original research proposals by the students in **WCC's social science research method courses**. Students in these courses design research projects and collect data using experiments, surveys, interviews, and content analysis. They will use their pilot study findings to create research proposals that they can use to complete a senior honors thesis at a four-year institution.

Presentations are organized by the course for which the research was conducted.

BIOL 3 - General Botany, Prof. Stephanie Touchman

Prerequisite: BIOL 1 or BIOL 15 and MATH 52

Transferable to CSU/UC

Applies the concepts introduced in Biology 1 to the study of plants and general ecology. Topics include morphology, physiology, systematics, and evolutionary trends among cyanobacteria, algae, fungi, and plants. Population, community, and ecosystems dynamics of higher plants will be emphasized. Designed primarily for biology majors and related fields but open to all qualified students.

Plant Perception

by N. A.

Tomato Plants

by Karn Sahota

Two's A Crowd, Three's A Party

by Briana Agno

Which pH is the Winner?

by Viridiana He

BIOL 6 – Introductory Microbiology, Prof. Ralph Robinson

Prerequisite: BIOL 1 or BIOL 15

Transferable to CSU/UC

History, structure, metabolism, genetics, and ecology of microscopic life forms; their relationship to disease, immunology, agriculture, and industry. Laboratory emphasizes the development of techniques for the detection, isolation, and identification of both harmless and pathogenic species.

As-ca-ri-a-sis

by Lorena Figueroa

Bovine Spongiform Encephalopathy

by Rocio Verduzco

Cholera

by Samera Abid

Creutzfeldt-Jakob Disease

by Jasdeep Sandhu

Hand, Foot, and Mouth Disease

by Airamlee Miranda

Leprosy

by Tatiana Almendarez

Malaria

by Dawn Arambula

Measles

by Monica Stinson

Measles

by Selina Moreno

Pertussis Bortedella (Whooping Cough)

by LaKenya McGhee

Poliomyelitis

by Rabia Arif

Rabies Virus

by Vanessa Chavez

Rickettsia Prowazekii, the Causative Agent of Epidemic Typhus

by Michele Mitchum

Scabies

by Klarissa Chavarria

Typhoid Fever

by Rashpinder Kaur

ENGL 1C - Critical Thinking/Advanced Composition, Prof. Aree Metz

Prerequisite: ENGL 1A

Transferable to CSU/UC, C-ID ENGL 105

Principles of critical thinking, reading, and writing beyond freshman composition; focuses on the principles of, and the development of, logical and analytical reasoning, argumentative writing, and on the principles of rhetoric (invention, arrangement, style, memory, delivery, modes of discourse, audience).

First Generation College Student Success

by Shah Naveed

Suicides Between Japanese Teens

by Enrique De La Torre Perez

ENGL 51 - Preparatory Composition and Reading, Prof. Noel Bruening

Prerequisite: ENGL 105 or ESL 105

Improving reading skills and writing pre-college level essays; includes basic writing elements, rhetorical modes, and a review of sentence structure and mechanics.

Incarceration vs. Education Funding

by Mark Tomlinson

Marijuana: Legal or Not Legal

by Mohammed Naseer, Brenda Canchola

Second Amendment: My Right to Protect Myself

by Esmeralda Marich

The American Dream

by Genavie Morales

Why California Should Legalize Marijuana

by Carter Hathaway

Young People Smoking

by Olga Contreras, Anabel Lopez

***Ink, A Literary Arts Magazine*, Prof. Kevin Ferns**

The symposium is proud to feature *Ink, A Literary Arts Magazine*. *Ink* is a collection of student created art, fiction, and poetry composed by Woodland Community College students for Woodland Community College 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 to make a donation and obtain a copy!

ETHN 15 - Mexican-American History, Prof. Melissa Moreno

Transferable to CSU/UC

Historical development of Mexican Americans from Mexican origin, settlement in the United States, to the present time. Emphasis is given to the pre-Columbian setting, the indigenous heritage, European conquest and legacy, distinctive colonial institutions, and the growth of independence movements in the United States and Mexico. Major political, social, economic, and cultural factors will be presented, focusing on the roles played by diverse peoples and cultures who share in the development of the United States and Mexico. Satisfies CSU Title 5, Section 40404, U.S. History, Constitution, and American Ideals requirement when ETHN 15 and POLSCI 1 are completed.

Ancient Root: Mexican Cultural Food

by Rita Vega

Avocado Superfood

by Anthony Hernandez

Build a Health Body with The Prickly Pear Cactus: Mexican Cultural Food Project

by Maggie Zamora

Cacao: Cultural Mexican Foods

by Mariana Bermudez

Chia Seeds

by Lucy Bell, Paula Castillo, Humberto Jimenez, Yanira Espinoza

Cacao: Precolumbian Gold

by Genaro Mapula, Diego Rodriguez, Mariana Bermudez

Jitomates Means Tomatoes Since Pre-Colombian Times

by Matthew Carrasco

Mayan Gold: Chocolate

by Omar Ernesto Huerta

Pre-columbian Maize in Contemporary Society

by Kayla Ashdown, Jaime Duarte

The History, Benefits, and Origins of Maize

by Maricruz Ramirez, Blanca Rodriguez, Timothy Rodriguez

PSYCH 7 - Research Methods in Psychology, Prof. Alison Buckley

Prerequisite: PSYCH 1A and STAT 1

Transferable to CSU/UC, C-ID PSY 200

This course covers the many research designs and methods in psychology, including descriptive, associative, and causal claims. The various instrumentation, collection procedures, data collection and analysis, and reporting procedures are also examined. Research methods and design will be surveyed from a wide section of psychological fields.

A Tasteful Thought: The Impact of Appearance on Taste

by Paramdeep Singh

Challenging People on How Confident They Really Feel About Themselves: Appearance vs Self-Confidence

by Melissa Arrezola

Driving and Mobile Phone Usage: The Difference in Men and Women

by Irosha Karki

It Hurts to Remember: The Impact of Pain on Memory

by Raquel Hernandez

Living on a Prayer: An Investigation about the Impact of Religion on Sin

by Rehan Shafqat

Out with Confidence: How Does Coming Out as LGBTQIA and Self-Esteem Relate

by Megan Rohrmann

Targeting Breast Cancer

by Ji Young Han, Sidhartha Hazari

The Importance of Sleep

by Mayra Chavez

Time Increase During Your "Getting-Ready" Routine During Ovulation

by Jennifer Garcia

SOCIL 2 - Social Problems, Prof. Nili Kirschner

Transferable to CSU/UC, C-ID SOCI 115

Survey of social problems in present-day American culture and application of sociological theory and analysis to issues such as poverty, racism, crime, healthcare, education, and the environment.

A Sociological Perspective on Education

by Alexandria J. Harder

Prison Reform: A Sociological Perspective

by Ariana Vega, Hayle Snell

Fixing America's Education System

by Maria Ordaz, Evelyn Chavez, Amy Thao, Vanessa Gomez

Obesity as a Social Problem

by Haylee Spence

Obstacles Interfering in the Strive for a Better Education

by Jocelyne Lopez, Zoe Sluka-Kapell

Prison Recidivism, The Revolving Door: A Social Problem

by Corrie Taylor, Karla Torres, Samantha young

Sociological View on Democracy

by Seleina Gutierrez, Neyda Navarro, Christian Pesqueda, Candelaria Vargas

Spend More, Get Less: Inequality in Healthcare as a Social Problem

by Dawn Arambula, Wynndra Cline, Jaskamalpreet Mann, Kelsey McGie, Kajal Sharma

The Health Divide: How We Can Reform a Broken Healthcare System

by Maram Bader, Maraka Bouwens, Arely Juarez, Jennifer Lopez, Kane Chiu

SOCIL 6 - Sociology of Sex and Gender, Prof. Nili Kirschner

Transferable to CSU/UC, C-ID SOCI 140

Sociological analysis of the construction, reproduction, and consequences of sex categories and gender roles. Emphasis on how gender designation of "male" and "female" impacts an individual's life, including violence and abuse, sexual harassment, hate crimes, wage differentials and unequal opportunities.

Gendered Cosmetics and Health Products

by Haylee Spence, Zoe Sluka-Kapell, Jocelyne Lopez

Heteronormativity and Children's Toys: What's a Vagina Got to Do With It?

by Breeann James, Anahid Lopez, Christopher Recouvreur, Jennifer Tippetts

SOCIL 8 - Social Science Research Methods, Prof. Nili Kirschner

Prerequisite: SOCIL 1

Transferable to CSU/UC, C-ID SOCI 120

Covers basic issues in the design and implementation of social science research. Topics covered include the scientific method, ethics, research design, basic descriptive and inferential statistics, and qualitative and quantitative methodologies. Completion or concurrent enrollment in STAT 1 strongly advised.

Attitudes towards College Rape: How Different Sex Pairings Influence Opinions of College Sexual Violence

by Ryan Clark

Cost as an Educational Barrier: How Textbook and Course Material Costs Affect Students

by Christopher Recouvreur

Crime, Punishment, and Race: How Suspect's Race in Non-capital Crimes affects People's Perspective of Appropriate Punishment

by Jose Ayala-Artiga

Dividing Education: A Look into the Gendered Educational Material of Children's Shows

by Hannah Barkwill

Driving towards Health: How Income Affects Accessibility to Gyms

by Yadira Paiz

Hopes and Obstacles in Latina Parent-School Engagement

by Jocelyne Lopez

"No One Grows The Same:" The Effects of Delayed Financial Independence on Marriage and Family Planning

by Kelsey McGie

Reshaped: When Do American Women Wear a Bra and Why?

by Rebecca Wright

Spectrum Awareness: How Policies/Practices Affect the Campus Climate for LGBT Students

by Yuliana Guzman

Walking Down the Aisle in America and Denmark: Differing Cultural Attitudes towards the Purpose of Marriage

by Sara Nickerson

What You See is What You Get: Effect of Imagery on Support for Homeless Assistance Programs

by Elizabeth Montoya

Why Do We Fight? Gender and Participation in Mixed Martial Arts

by Phil Ayon

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For additional information about the student research symposium,
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(nili.kirschner@yccd.edu)
or visit the WCC Sociology Homepage
<http://wcc.yccd.edu/academics/sociology.aspx>