

**6th Annual
Student Research Symposium**



*An interdisciplinary
meeting of the minds*

May 12, 2015

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 archival 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. More information about the courses can be found at the end of this program.

BIOL 6 – Introductory Microbiology

Prof. Ralph Robinson

Bovine Spongiform Encephalopathy

By Olga Yefremenkova

Bovine Spongiform Encephalopathy

By Paul Breshears

Cat scratch disease

By Cristian Martinez

Fatal Familial Insomnia In Our World

By Harkirat Bhangu

History of Tuberculosis

By Sumit Sama

Leprosy

By Martha Agidew

Malaria

By Sirak Aragaw

MUMPS

By Sarbjit Sandhu

Pertussis (Whooping cough)

By Jeremy Castro

Scarlet fever

By Miguel Calderon

Typhoid Fever

By Pooja Masih

Understanding Malaria

By Carolina Martinez

ETHN 6 – History of Race and Ethnicity

Prof. Melissa Moreno

1994 Three Strikes You're Out Law

By Yadira Paiz, Jesse Reyes

African Americans and the Three Strikes Law (AB 971 in 1994)

By Edith Bikoba, David Flores, Michael Johnson, Nicholas Klein, Nikolas Storm, Gary Vasquez

Aftermath of Indian Gaming Regulatory Act

By Jose Arambula Garcia, Ahjha Bax, Donatas Vasauskas

Indians' Gambling Chance Indian Gaming Regulatory Act

By Aaron Branson, Alec Garcia, Michelle Lugo, Zorelle Mattingly, Jena Piciullo

Latinos and Proposition 187

By Ruby Barragan, Elizabeth Bautista

Mexicans & The Bracero Program/ Agricultural Labor Act of 1975

By John Blakeman, Peter Chavez, Clarissa Gonzalez, Nancy Guzman

Newspapers Speaking About The Indian Child Welfare Act

By Jesse Fiero, Debra Lawley, Pritesh Patel, Brandon Tuold, Breana Vales

Print Media's Representation of Arab Americans & Hate Crimes in a Post 9/11 World

By Tesia Bernal, Rehan Shafqat

Prop. 187 Illegal Immigration

By Jesus Mendoza, Nicole Menzie, Oscar Rivera, Maria Romo, Monica Saldana, Tereadel Sosa

Representation of Latinos with Prop 187

By Juan Gonzalez, Jonathan Hernandez, Sandra Ledesma, Vanessa Padilla, Julio Pesqueda

What's "good" with the Bronze People and Prop 187?

By Jeronimo Aguilar, Maribel Avina, Jorge Ayon, Mayra Chavez, Vanessa Gomez, Breana Lopez

PLSCI 20 – Principles of Plant Science

Prof. Brandi Asmus

Effect of mulch on plant growth

By Jesus Tzuc

Seaweed as a natural nutrient substitute

By Merrie Bedford

Vegetable Variety Trial: Does Variety Influence the Weight of a Radish?

By Melissa Tenhunfeld

SOCIL 2 – Social Problems

Prof. Nili Kirschner

Education Reform

By Babin Dahal, Jennifer Frederiksen, Alexandra Morales, Yadira Paiz, Donald Stanwood

Environmental Reform from a Sociological Perspective

By Matt Carrasco, Brenda Hernandez, Christopher Holden, Juan Landeros

SOCIL 6 – Sociology of Sex and Gender

Prof. Nili Kirschner

The Social Construction of Sex and Gender in Greeting Cards

By Brenda Hernandez, Edwin Ortega, Maricarmen Suarez, Rebecca Wright

Psych 7 – Research Methods in Psychology

Prof. Alison Buckley

Behind the sign

By Candy Hipolito

COLORS: You Decide...Or Do You?

By Dea Wages

Correlation Between Confidence and Preschool Attendance

By Alexandra Morales

Effects of pain on outlook on life

By Yadira Alvarez

Influence of Food Advertising: Celebrities vs. Nutrition Facts

By Heather Kilgore

Relation of music and domestic violence

By Jeniece Cordova

Stigma and Bi Polar Disorder

By Cheryl Boulay

Student Perceptions on Professors' Appearance and Anticipated Level of Course Dedication

By Donald Stanwood

The Effects of Positive and Negative Personality Profiles on Self-esteem

By Molly Ritter

The Gym's Effect on Confidence

By Nick Cadena

SOCIL 8 – Social Science Research Methods

Prof. Nili Kirschner

Comparative Nutritional Analysis of Local Food Banks: Suggestions for policies and practice

By Yasmin Khouri, Sergio Lopez

Effects of Priming about Global Overpopulation on Attitudes Towards Adoption

By Gurjot Kaur

Every Dog Has Its Role: A study on gender and canine pet expectations

By Lynette Cortes

Exploring Satisfaction of Fathers In a Dual-earning Household: A qualitative study

By Alex Suy

Influences on Nursing Students' Attitudes Towards Socialized Medicine: A pilot study

By Maen Bin Said

Latinos in Education: Exploring the Chicano/Latino undergraduate narrative of academic success

By Edwin Ortega

Politics: The influence and dangers of lobbyists in the world of democracy

By Jacob Brigham

Struggling with Sex Education: A comparative study of requirements and outcomes

By Catherine Stack

The American Dream: Varying definitions among first- and second-generation Mexican Americans

By Andrea Green

SOCIL 8, continued

Views on Ability Grouping Through the Hierarchy of the School System

By Syaira Naseer

What does "Hispanic" even mean? Latino/a students' perspectives on federally designated Hispanic Serving Institutions

By Maricarmen Suarez

What Sports Do Your Kids Play? The effects of parents' education on their children's sports participation

By Michael Johnson

Who Takes Out the Garbage?: The spectrum of gender norms in the lesbian community

By Paula Pascual

Ink, A Literary Arts Magazine

Prof. Kevin Ferns

This year the symposium includes displays of original student work from WCC's student publication:

Ink, A Literary Arts Magazine, 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!

And for continuing students, it's not too early to think about publishing in the next edition: Whether you've already composed the perfect poem or you're looking for some inspiration to get started on your next short story or sculpture, the Woodland Community College literary arts magazine wants to help you gain recognition!

All Woodland Community College students are invited to submit the following types of work:

- A personal narrative (an autobiographical work)
- An interesting report, observation, memoir, or musing
- A short work of fiction/nonfiction
- A poem/song
- Original photography
- Original artwork (include a photo or scan of your work)

Featured Courses

Students conducted the research presented at the symposium for a variety of classes offered at WCC.

BIOL 6—Introductory Microbiology (4 units) 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. Prerequisite: BIOL 1 or 15.

ETHN 6 – History of Race and Ethnicity (3 units) CSU/UC

Covers the social, cultural, and economic interaction between various racial and ethnic groups in America from the fifteenth century to the present. Topics include immigration, discrimination, group identity, and multiculturalism. Not open to credit for students with credit in HIST 6. Skill Advisory: Language

PLSCI 20 – Principles of Plant Science (3 units) CSU/UC

Principles of plant growth including structure, growth processes, propagation, physiology, growth media, and biological competitors. Not open to students with credit in PLSCI 20L.

PSYCH 7 – Research Methods in Psychology (3 units) CSU/UC

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. Prerequisites: PSYCH 1A and STAT 1

SOCIL 2—Social Problems (3 units) CSU/UC

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. Skill Advisory: Language

SOCIL 6—Sociology of Sex and Gender (3 units) CSU/UC

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. Skill Advisory: Language

SOCIL 8—Social Science Research Methods (3 units) CSU/UC

Covers basic issues in design and implementation of social science research. Topics include the scientific method, ethics, research design, basic descriptive and inferential statistics, and qualitative and quantitative methodologies. Prerequisite: SOCIL 1 Skill Advisories: Computer Skills, Language, Math

Special Thanks

Prof. Brandi Asmus, Agriculture

Prof. Alison Buckley, Psychology

Prof. Kevin Ferns, English

Prof. Melissa Moreno, Ethnic Studies

Prof. Ralph Robinson, Biology

Ana Villagrana, Secretary to the President

Monica Chahal, Dean of Instruction

Dr. Michael White, WCC President

Peter Skillman, YCCD Webmaster

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