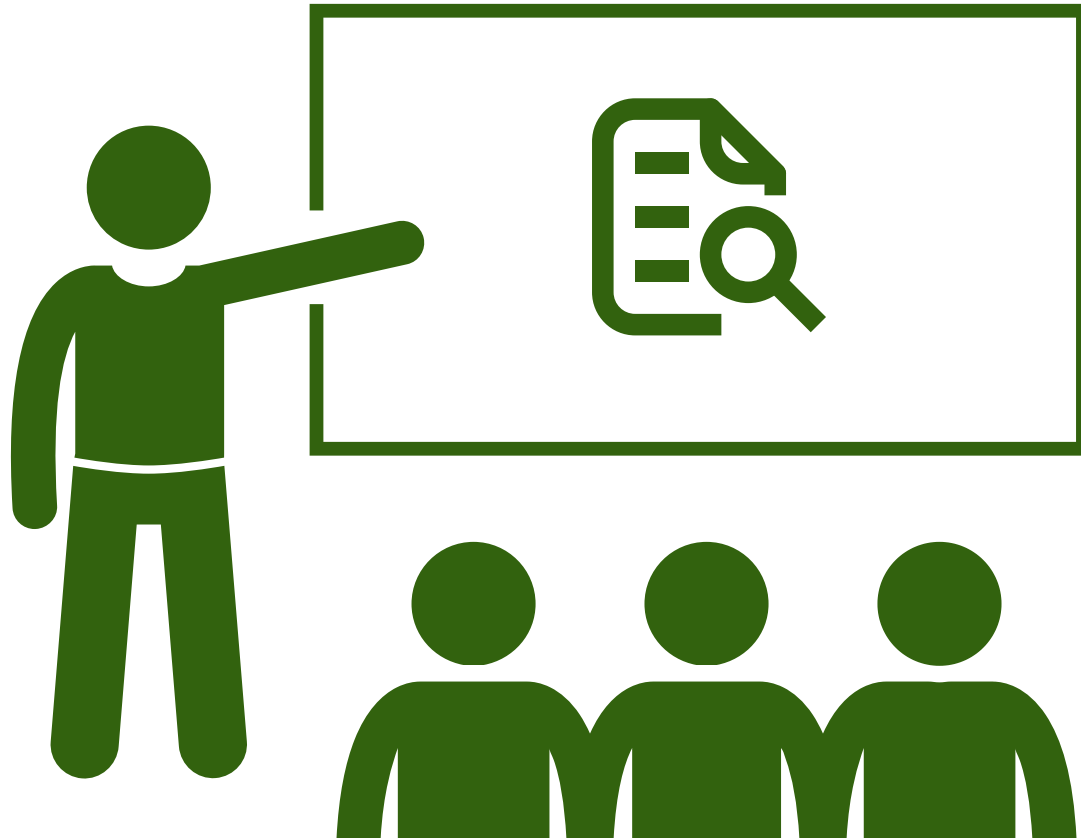




13TH ANNUAL STUDENT RESEARCH SYMPOSIUM

AN INTERDISCIPLINARY MEETING OF THE MINDS



MAY 2022



ABOUT THE SYMPOSIUM

Woodland Community College's Student Research Symposium is organized every spring to highlight the diverse research interests of our students. The symposium features original research in the natural and social sciences using a variety of research methodologies.

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

BIOL 1: PRINCIPLES OF BIOLOGY

- PROF. BRIAN GILLESPIE

Fermentation of Yeast with Real and Artificial Sugars

- Luvdeep Bal, Jessica Ibbetson, Bianca Medina, and Julyandra Mendoza

How is Yeast Growth Affected in Different Milk Solvents?

- Rupinder Kaur, Sahib Sandhu, Haseeba Shahzadi, and Tristan Williams

The Effect of Sucrose Concentrations on *Saccharomyces Cerevisiae* Growth

- Tina Dehdari, Andy Matsuura, and Marco Mendoza

The Effects of Sugar on Yeast Batter

- Melisa Alcaraz, Gricelda Vargas, and McKenna Ward

The Efficacy of Disinfectants

- Karen Barragan and Cristina Otento

Yeast Cells vs. Different Salt Concentrations

- Jasmine Arreola and Rawan Gebreil

PLSCI 20L: PRINCIPLES OF PLANT SCIENCE

- PROF. CANDICE STAFFORD-BANKS

Can Mealybugs Stand the Heat?

- Travis Lindquist

Comparing the Root Growth of Plant Propagations in Soil vs Water

- Karen Gonzalez

Do Plants Like Their Soil Overcooked?

- Samuel Morrison

Help Another, Help Yourself: Companion Planting

- Brayan Cano and Johanna Fisher

Sodium Chloride Italian Sprout

- Vanessa Rodriguez

PSYCH 7: RESEARCH METHODS IN PSYCHOLOGY

- PROF. ALISON BUCKLEY

Association of Sleep and Productivity

- Ramish Abdullah and Zarish Asaf

Children's Exposure to IPV: A Study on the Long Term Effects in Young Adulthood

- Alexandra Garcia, Alondra Lua, and Jessica Parra

Effects of Childhood Abuse on Adult Relationships

- Parveen Kaur, America Rodriguez, and Alma Romero

Effects of Subject Familiarity on Public Speaking Anxiety

- Shellbie Jensen, Antonio Juarez, and Kylee Sharp

Music Preference and Personality Type

- Andrea Perez, Jenna Stafford, and Brittney Westin

The Impact of Family Violence in Romantic Relationships

- Arianna Arroyo, Natalia Hernandez, and Hafsa Omer

SOCIL 8: SOCIAL SCIENCE RESEARCH METHODS

- PROF. NILI KIRSCHNER

El Miedo de Dar Luz: A Qualitative Pilot Study of Latina Birthing Methods

- Biridiana Díaz

Factors that Impact Hmong-American Participation in the Healthcare System: A Qualitative Pilot Study

- Pachia Vue

How COVID Changed the Way We Mourn: A Qualitative Pilot Study

- Amy Plunkett

How Past Hatred Matters Today: An International Comparative Analysis of Forensic Procedures

- Fabian Vera

THANK YOU!

We would like to thank all the students for their participation in the research symposium. Woodland Community College is proud of all your efforts.

Thank you to the faculty for supporting student research.

