UNDERGRADUATE RESEARCH SYMPOSIUM AND ART EXHIBITION

SESSION ONE
TUESDAY, MAY 3RD, 12:00 - 1:00 PM
CIC 120

SESSION TWO
WEDNESDAY, MAY 4TH, 12:00 - 1:00 PM
CIC 120

SESSION THREE
THURSDAY, MAY 5TH, 12:00 - 1:00 PM
CIC 120
WEST ATRIUM

UNDERGRADUATE STUDENTS WILL SHOWCASE THEIR SEMESTER PROJECTS, INDEPENDENT STUDIES, INTERNSHIP OUTCOMES AND FINE ARTS WORKS.

THE CAMPUS COMMUNITY IS INVITED TO ATTEND THE SYMPOSIUM IN SUPPORT OF OUR STUDENTS.

REFRESHMENTS WILL BE SERVED.

QUESTIONS?
CONTACT ALLISON MATTHEWS
EMAIL: ALMATTHEWS@TRICITY.WSU.EDU

TRI-CITIES
SPRING 2016
Session One:
Tuesday, May 3, 12:00-1:00 pm
CIC 120

Session Two:
Wednesday, May 4, 12:00-1:00 pm
CIC 120

Session Three:
Thursday, May 5, 12:00-1:00 pm
CIC 120 & West Atrium

Participating Faculty:

Andrea Aebersold, ENGLISH 345
Katherine Banks, POL S 427, SOC 493
Robert Bauman, HISTORY 314/CES 304
Peter Christenson, FINE_ART 363
Vanessa Cozza, ENGLISH 362
Sena Clara Creston, FINE_ART 103, FINE_ART 350
Vince Hebert, FOOD SCIENCE 499
Xiaojun Li, CE 465
Allison L. Matthews, PSYCH 473
Sarah Newcomer, T&L 322
Janet M. Peters, PSYCH 311, PSYCH 312, PSYCH 499
Kay Sisson, FINE_ART 110
Paul Strand, PSYCH 333
Sarah Tragesser, PSYCH 498/499
Carol Wilkerson, SPANISH 321
Bin Yang, BIO 499

Allison L. Matthews
Undergraduate Research Symposium & Art Exhibition Coordinator
ASSIGNMENT DESCRIPTIONS

Biology 499 Special Problems
Students taking Biology 499 conducted independent study under the jurisdiction of an approving faculty member; may include independent research studies in technical or specialized problems; selection and analysis of specified readings; development of a creative project; or field experiences.

Civil Engineering 465 Integrated Civil Engineering Design
Students of CE 465 focus on different real civil engineering design projects, using integrated knowledge from the breadth of courses taken as an undergraduate. These projects include Bridge Design, Building Design, and Structural Platform Design. Through this senior design course, students are trained in problem synthesis, data analysis, and decision making skills, as well as working timely, collaboratively, and responsibly.

English 345 Chicano/a Literature
The final project asks students to research different aspects of Chicano/a culture, such as art, music, language, film, and literature.

English 362 Rhetorics of Racism
For the final project, students were asked to create a print-based zine or a poster board that teaches a specific audience about the “rhetorics of racism” (however they choose to define it, while drawing from and using course material). The students’ primary audience depends on their specific purpose. For instance, a student may create a print-based zine for teenagers, which helps them understand the complexities of racial identity as represented in the media. Students’ secondary audience includes WSU students, faculty, staff, including community members, at the symposium; ultimately, students were asked to argue that their design and content would benefit the target audience. For instance, a student will need to explain why his/her print-based zine would benefit teenagers. The purpose of this final project is to provide students with the opportunity to share their ideas concerning a specific social issue that illustrates the “rhetorics of racism.”
Fine Arts 103 Visual Concepts II
Students explore the fundamental issues of physical space including communication, material, form, performance and relation to the body to produce sculptures based on their individual interests.

Fine Arts 110 Introduction to Drawing
A series of eight drawing assignments were given during the semester ranging from simple boxes to more complex Still Lifes. Self-portraits, drawing the figure from a live model, and creating an ideal or dream landscape incorporating one and/or two-point perspective completed our assignments. Students chose which drawing they wanted to exhibit.

Fine Arts 350 Sculpture
Students explore technique and concept to produce self-directed sculptures.

Fine Arts 363 Participatory Art & Performance
Collective art intervention & durational performance meant to activate campus passersby.

Food Science 499 Special Problems
The course project examines toxins from harmful algal blooms that can occur in surface waters, mussel and clam samples taken from certain Puget Sound brackish water locations downstream from inland lakes. Carina Ocampo will present her findings for water and clam samples taken in Kitsap County in December 2015. Kaleb Casey will present his findings for water and mussel samples taken from September 2015 through January 2016 from Pierce County WA.

History 314/CES 304 American Roots: Immigration, Migration and Ethnic Identity
Each student was required to write an immigration/migration biography/autobiography based on an oral history interview and/or family history. Their projects explore the immigration/migration experience of a selected individual (yourself or someone else) making analytical connections to at least two of the significant ideas and themes (i.e., race, gender, ethnic identity, economic incentive, etc.) studied over the course of the semester.

Political Science 427 US Foreign Relations
In this project, students look at a specific US foreign policy domain, examine the key challenges that President Obama has faced and how his administration has responded to them, and consider what issues his successor will likely face with regard to the issue. Students also provide their recommended course of action for how to deal with this issue.
Psychology 311 Elementary Statistics in Psychology
Throughout the semester, Psychology 311 students have been partnered with the Boys and Girls Club on a data analysis service learning project. The goal of the project was for students to learn the concepts, analyses, and application of statistics through working with a local non-profit organization.

Psychology 312 Experimental Methods in Psychology
Throughout the semester, Psychology 312 students have been developing a research project, which included an extensive literature review, designing an experiment, collecting and analyzing data, and writing up a formal report of their results. As part of their class assignment, the students have created a poster project for the symposium.

Psychology 333 Abnormal Psychology
The project involves a poster that describes a psychiatric disorder from the perspective of a brochure, a literary or film character, or from the standpoint of the bio-psycho-social perspective.

Psychology 473 Advanced Biological Basis of Behavior
Throughout the semester, Psychology 473 students researched different disorders of the nervous system. For this project, each student chose a specific disorder as their topic of interest, analyzed and synthesized previous literature to develop new insights or propose future directions for research, and communicated their findings in a literature review paper and in-class presentation. The students were given the option to also create a poster presentation of their project for the symposium.
Psychology 498/499 Research Participation/ Special Problems
As part of the research participation experience, students can elect to be part of a group that prepares a poster for presentation at the Undergraduate Research Symposium. The poster should represent an original research contribution based on current or previous data collected by the Tragesser Personality Lab.

Psychology 499 Special Problems
Throughout the semester, Psychology 499 students completed an independent research project. Under the supervision of a faculty mentor, these students came up with their own research question and study design. The students then collected, analyzed, and wrote-up the results of their study.

Sociology 493 Internship
This project serves as a reflective component of the student’s internship experience during the spring semester. In the project, the student explores how people are shaped by their experiences—linking sociological explanations, the ACE assessment tool, and her internship at a local public health institution.

Spanish 321 Latin American Culture
Students in Spanish 321, Latin American Culture, spent a semester researching cultural themes related to one of the countries in Latin America. They wrote six article on their topics and prepared a portfolio of their research. Students presented their research to their classmates and the professor, and now they are sharing their research with the campus community.

Teaching & Learning 322 Teaching Reading and Writing in Grades 4-8
This was a semester-long project in which T&L 322 students worked closely with a student. The purpose was for these teacher candidates get to know a student, assess their strengths and needs, and plan a series of tutoring activities to address a particular need related to literacy.
PROJECTS AND PRESENTERS
Session 1: Tuesday, May 3, CIC 120

CE 465
*Bridge Design* Kaleb Mapstead, Jarrad Rexford, Charles Smith, & Michael Tracy

ENGLISH 345
*Untitled* Elliott White
*Major Themes in Chicano Art* Falon Ah Quin
*Short Stories in Chicano/a Literature* Leah Drexler
*Untitled* Maria Aguirre
*Chicano Language* AriElle Trujillo

ENGLISH 362
*What is Your Code?* Jennifer Powell
*Homeschooling* Katherine Cichy
*How to Be An Ally* Easton Gervais
*Interabang* Noé Martinez

FOOD SCIENCE 499
*Assessment of Hazardous Algal Bloom Toxins in Mussels and Surface Waters: Fall 2015 –Spring 2016; Pierce County WA* Kaleb Casey

HIST 314
*Immigration Autobiography* Patty Argueta-Larios
Undergraduate Research Symposium & Art Exhibition | Spring 2016

POL S 427
Flawed Immigration Policy Rhea Ray
The Syrian Refugee Dilemma Mitch Seal

PSYCH 333
Living with Schizoid Personality Disorder, Andrea Gonzales & Debora Bravo
 Effects of Concussion Serapia Castellanos, Nora Romero, & Jeremy Bertsch
Identifying and treating Dissociative Identity disorder Tania Laurel, Rubi Chavez, & Xitlaly Lujano
Bipolar Disorder Kasey Payne & David Roberts
Asexuality Bethany Vasquez

PSYCH 473
Parkinson’s Disease Senna Dillsi
Anosognosia Stephanie Webber

PSYCH 498/499
Sensation Seeking is Associated with Less Sensitivity to Effects of Alcohol Andre Downing, Lester Churchill, Emmanuel Garcia, Jose Godinez, Caleb J. Reynolds, & Jorge Velez

SOC 493
Your Ace Score Paeton Bobiles

SPANISH 321
Chile Débora Bravo
Cuba Marlén Corona
Puerto Rico Nikita Fisenko
Mexico Isaac Mercado
Bolivia María Luisa Rodríguez
Costa Rica Anna Romero
Colombia América Sandoval
Nicaragua Cristina Villanueva

T&L 322
Literacy Buddy Project Angie Schoenberg
Literacy Buddy Tutoring Project: Writing Workshop Hayley Wyant
Literacy Buddy Project Jasmine Gonzalez
Literacy Buddy: Focus on Reading Comprehension Kaitlyn Stolle
Literacy Buddy Project Kylie Stone
My Literacy Journey with a Freshman David Isley
Tutoring Buddy Project Rachel Uretsky-Pratt
Teaching Reading and Writing in Grades 4-8 Megan Johnston
Literacy in Teaching Sarah M. Garza
Literacy Buddy Tessa Enwards

PROJECTS AND PRESENTERS
PROJECTS AND PRESENTERS
Session 2: Wednesday, May 4, CIC 120

BIO 499
Aerobic Bacterial Breakdown of Industrial Waste Christopher Smith

CE 465
Structural Platform Design Alternative for PNNL Lauren LaSalle, Sintia Alcazar, German Martinez, & Francisco Martinez
Design of Campus Building Ethan King, Skeetz Guilbeau, & Vera Savenkova

ENGLISH 345
Major Themes in Chicano Short Stories Gretchen Rick
Chicano Lowrider Culture Jacob Heezen
Chicano Artists Rosio Morfin

ENGLISH 362
Atheism in Your Environment Alex Sudduth
You Are Not Alone Gretchen Rick
Religious Privilege Brian Cummings
Untitled Blake Milne

FOOD SCIENCE 499
Assessment of Hazardous Algal Bloom Toxins in Clams and Surface Waters: Fall 2015 Kitsap County WA Carina Ocampo
HIST 314
DeMoravia Ms. Brandie Saint-Claire
Nashwa Abed Biography James Giulio
Laotian-American Immigrants: One Woman’s Experience Emma Rice
Untitled Wes Fletcher

POL S 427
Free Trade Carlos Lugo
Our Neighbor’s Drug Problem Luba Lavrentiev
U.S. Foreign Policy toward Iran: Changing the Relationship to Benefit Us Jacob Hale
Cold War II or World War III? Bailee Culver
US Foreign Aid Flor Cuevas

PSYCH 311
Understanding donors request from the Boys & Girls club Tania Laurel, Xitlaly Lujano, & Vincent Danna
Boys and Girls Club Feedback Maricruz Mendoza, Jose Delgado, America Sandoval, Elizabeth Ahlers
Boys & Girls Club Data Grace Taylor & Bethany Vasquez
Boys & Girls Club Lester Churchill, Bertha Zanotti, & Josie Kiepke

PSYCH 312
The Prisoner’s Dilemma Game: To Steal or Not to Steal Alejandra Casas, Mayra Contreras, Sarah Miller, & Jorge Velez
Fashion Perceptions Stephanie Webber, Serapia Castellanos, & Alma Leon
The Role of LinkedIn Profiles in Graduate School Selection Geoff Webber, M. John Peret, & Gary Kerr

PROJECTS AND PRESENTERS
PSYCH 333
Everything you wanted to know about Phobias...But were too afraid to ask! Maricruz Mendoza, Ariel Garica, Haley Martineau
The Medicalization of Schizophrenia: Could the Problem be in the Placenta? Emmanuel Garcia & Jose Delgado
Hoarding: Proposed Treatments for the Disney Character Ariel Jasmin Cardenas, Sarah Ross, & Reilee Williams
High Underrepresentation of Sleep/Wake Disorders Influencing Triggers for Other Disorders Grace Babcock, Jennifer Powell, & Jessica Zuniga
Causes of Antisocial Personality Disorder Jacob Hickey, Lester Churchill, & Makenzie Martin
Me, Myself &...Living with Dissociative Identity disorder Tammy Milligan, Katherine Cichy, & Christopher Cliett
It hurts so good, I can't stop Adrianna Madden & Paeton Bobiles
PTSD in popular culture Dennis Gross, Alex Noble, & Andre Downing

PSYCH 473
ALS Amanda Muenks

PSYCH 498/499
Sensation Seeking is Associated with Less Sensitivity to Effects of Alcohol Andre Downing, Lester Churchill, Emmanuel Garcia, Jose Godinez, Caleb J. Reynolds, & Jorge Velez
BPD Features and Motives for Alcohol, Marijuana, and Prescription Opioid Use: Sex-Specific Patterns of Reasons for Use Caleb J. Reynolds, Andre Downing, Gary Kerr, Katelyn Madsen, Nathan Poe, & Danielle Reardon
Impulsivity and Drinking Motives in the Relationship Between Borderline Personality Disorder and Alcohol Abuse Kyle Murphy & Olesya Mikheeva, M.S.

PSYCH 499
Game On! Samantha Nye

SPANISH 321
Venezuela Lupe Flores
Uruguay Yúrika Linares
Dominican Republic Rosío Morfín

T&L 322
Student Buddy Profile Ariel Griffitt
Student Buddy Project Bridgette Nickeson
Reading and Writing Exploration and Methodologies Callie Hardy
Tutor Buddy Poster Cassandra Stemhagen
Literacy Student Buddy Presentation Kayla Stark
Tutoring Tinker (Final Project) Marissa Makeeff

Session 2: Wednesday, May 4, CIC 120
PROJECTS AND PRESENTERS
Session 3: Thursday, May 5, CIC 120

ENGLISH 345
The Influence of Music in Chicano Culture Marlen Corona & Christina Villanueva
Racism in Rhetoric Abear Nassar & Jessica Lupercio
Untitled Griselda Cisneros
Untitled Jennifer Lima
Untitled Miryam Cruz

ENGLISH 362
Racism in Rhetoric Allison Almaraz
Beyond Bullying Pearl Kleppin
Satire or Racism Zane Zocher
10 Points to Increase Racial Tolerance Matthew Rutt

HIST 314
My Oma, Ingrid Summers Cassandra Elkins
Immigration essay Kyle Bengen
Untitled Nick Hendel

POL S 427
Foreign Relations with Russia Erid Mendoza
Foreign Aid: Fight Against HIV/AIDS Katherine Hempel
Obama’s Refugee Policy toward Syria Jessica Lupercio
Admission of Refugees? Blanca Contreras
The Iran Nuclear Deal: For now the best we can hope for Lane Trussell
PSYCH 311
Boys & Girls Club of America Raising Loyalties to the Peak
Alexis Merrick, Ariel Garcia, Katherine Cichy, & Grace Babcock

PSYCH 312
Eyewitness Testimony: Can you identify the perpetrator? Itsel Corona Madrigal, Maricela Garcia, & Christina Gabino
Attitudes Towards OCD Andrea Gonzalez, Viviana Munguia, & Senna Dillsi
You Look a Little Puzzled Brittney Conner, Scott Lehrman, & Madison Korenkiewicz

PSYCH 333
Living with Social Anxiety: Psychological and Social Factors Joselynn Brown, Nagat Deng, & Lizbett Partida
Histrionic Personality Disorder Senna Dillsi, Steph Webber, Griselda Cisneros
Looking into Phobias Caitlyn Carroll, Bertha Zanotti, Summer Mitchell, & Alexis Rodriguez
“American Sniper” the Chris Kyle Story Jennifer Aznaran, Ashlen Ayres, & Nilsa Frijo
Chris Kyle’s “Life” After War Haley Kearney, Angelica Oliveros, & Alexis Phipps
Substance Abuse Disorder Marivi Silva, Nicole Dittenhauser, Blake Milne, & Kayla DeLaPaz
Diagnosis Between Combat and Civilian PTSD Vanessa Alvarez & Jovan Rojas
Psychopathy Abroad and Cluster B Danielle Reardon, Nathan Poe, & Joey Godinez

PSYCH 499
Social Pressure to Procreate Lynell Tiller

SPANISH 321
Guatemala Miryam Cruz

T&L 322
Literacy Buddy Guadalupe Sanchez
Literacy Buddy Isabel Velasquez
Literature Buddy Karen Acevedo
Tutor Buddy Lauren Lichtenhahn
Literacy Buddy Project Seth Hays

Session 3: Thursday, May 5, West Atrium
PROJECTS AND PRESENTERS
Session 3: Thursday, May 5, West Atrium

FINE_ART 103
Trivia Hiller
Brian Irvin
Jeanne Morgan
Lacey Payton
Josie Price
Dylan Schmidt

FINE_ART 110
The Man Maribel Alcobar
Gastón Seanna Coleman
Sleep Sweet, Little One Nicole Dittenhauser
Owning a dream house Yu Díaz
Simplicity on Rodeo drive McKenzi Fish
Human Statue McKenney Jones
Growth Summer Mitchell
Eye Contact Victor Morales
Self Portrait Hope Neidhold
Time is of the Essence Samantha Thai
The Number 12 Looks Like You Monique Van Sant
Drawing #12 Austin Wingle
FINE_ART 350
Sage Giulio
John Go
Justin Hawkes
Ray Lechtelt
Daria Naidenov
Erin Olson
Brandie St. Claire
Samantha Thai
Monique Van Sant
Sarah Willhoite
Emily Williams

FINE_ART 363
Let's Have A Par-tea
Falon Quin
Johnny Garcia
Richard Garcia
John Go
Justin Hawkes
Lauren Johnston
Shawn Fortune
Rachel McCall
Summer Mitchell
Daria Naidenov
Meha Naran
Jesse Nguyen
Amanda Record
Nik Rex
Ivan Roman
Dylan Schmidt
James Sivonen
Mo Van Sant
Emily Williams
Jeanne Morgan
and Austin Wingle