



## Virtual Senior Research Symposium

Friday, May 8, 2020

NAME	PROJECT TITLE	PRESENTATION TIME
Eleni Miliotou	The effects of melatonin in the glymphatic system in an Alzheimer's disease mouse model <b>C</b>	<b>8 - 10 a.m. EDT   Asia: evening Africa/Europe: afternoon</b>
Bao Chau Nguyen	A Boolean Model of Microglial Phenotype Transitions under Acute and Chronic Inflammation <b>A, R, N</b>	
Emily Beuter	Pedagogía Política: Un análisis de la enseñanza de la dictadura de Pinochet y los derechos humanos en Chile/Political Pedagogy: An Analysis of the Teaching of the Pinochet Dictatorship and Human Rights in Chile <b>C, A, I, D</b>	<b>10 a.m.- noon EDT   Asia: late evening PST 7 a.m.- 9 a.m.   Africa/Europe: late afternoon</b>
Thuy Dinh	Remembering the City: An Augmented Reality Deconstruction of Memory, Power, and Identity in Ho Chi Minh City <b>C</b>	
Madeleine Ferguson	Optimizing Crop Rotations and Pest Management Strategies in Agriculture <b>S</b>	
Jennifer Grossmann	The Effect of an Antioxidant Supplement on a Mouse Model of Alzheimer's Disease	
Koral Kasnyik	Investigating Changes in Protein Ubiquitylation Following Sleep Deprivation in Drosophila melanogaster <b>R</b>	
Yuxuan (Katie) Ke	Scanning and Spending: Examining the Impact of Mobile Payment Penetration on the Saving Rate in Contemporary China	
Maya M. Lapp	SimCity meets The Lorax: Simulating Community Forest Management <b>A, S</b>	
Kendall Lloyd	Calculators in the High School Classroom: Anxiety Levels and Attitude Towards Mathematics	
Margaret McGuire	What a Mouthful! Modeling Geographic Tongue as a Reaction Diffusion System	
Claire Miller	Does Age Matter? The Effects of Age Composition on Social Movement Success <b>D</b>	
Dena Nashawati	Effects of Culture on Mental Health Stigma <b>A, I, D</b>	
John Nugent	Effects of Viscosity on the Isomerization of Calix[4]arene Capped Azobenzene	
Henry Potts-Rubin	The Planar Rook Algebra <b>A</b>	
Emily Randall	Paleoenvironments Containing Coryphodon in the Fort Union and Willwood Formations Spanning the Paleocene-Eocene Thermal Maximum (PETM), Bighorn Basin, Wyoming <b>S</b>	
Eli M. Samuelson	A Predictive Model for Coach Firings in NCAA Division I Men's Basketball	
Nicholas Shereikis	Laughing Matters: Late-Night Political Comedy Television & Individual-Level Affective Polarization	
Alysa Tarrant	Understanding Behavioral and Emotional Responses to Frames Used by Animal Rights Organizations in the United States and France <b>C, I</b>	
Ingrid Buckley	Documerica: How Environmental Photography Captured an Era <b>C, S</b>	<b>Noon - 2 p.m. EDT   PST 9 a.m. - 11 a.m. Africa/Europe: early evening</b>
Kaci A. Carpenter	"First the Pain, Then the Rising": Assessing Student Knowledge of Title IX Policies and Procedures at The College of Wooster <b>D</b>	
Emily Davis	The Effect of the Status of Women on Sexual Violence Against Women <b>A, R</b>	
Morgan Faldowski	An Investigation of the Counseling Strategies Used by Pediatric Audiologists from the Perspective of Parents of Children Who are Deaf or Hard of Hearing	
Samantha Green	Greenbean Comics: An Independent Study!!!	
Sharah "Georgia" Hutson	All My N*ggas is Casket Pretty: Projects of Sustainability for Black Folks <b>A, D</b>	
Eliana Kahn	The Continuation of Violence: Analyzing the Retraumatization of Incarcerated Survivors of Domestic Violence and Evaluating the Potential of a "Trauma-Informed" Prison Model <b>A, D</b>	
Eleanor Linafelt	Write It Slant: Queerness and Form in The Argonauts and Time Is the Thing a Body Moves Through <b>C, D</b>	
Kathleen Loftus	How do Mothers Influence the Gut Microbiomes of their Infants <b>A, R</b>	
Libbie Main	Durkheim's Day in Court: A Sociological Analysis of Supreme Court Cases Concerning Conditions of Confinement Under the Cruel and Unusual Punishment Clause	
Cami Miller	Parks for the People: A Comparative Analysis of Diversity Engagement between Cuyahoga Valley National Park and Yosemite National Park <b>C, R, D</b>	
Claire Montgomery	Witch's Luck <b>C, D</b>	
Grace Montgomery	Mother Nature and Menvironmental Politics: How Gendered Frames Affect Support for the Clean Air Act <b>C, R, S</b>	
Kyndalanne Pike	What's in the Water?:Examining Contamination by Poly- and Perfluoroalkyl Substances in Rainwater <b>C, R, S</b>	
Mia Palmejar-Takaki	We're All in This Together: The Relationship Between Ethnic Identity and Friends for Multi-ethnic Individuals in Emerging Adulthood <b>D</b>	
Sarah Vandenbergen	An Investigation into the Possible Impact of Early-Life Stress on Music as a Stress-Reduction Tool	
Isaac Weiss	Compactness Measures for Legislative Districts	
Rebecca D. Wells	Welcome to the Masquerade: Deception in the Preliminary Job Search Process	
Ben Blotner	East vs. West: A Study of Orientalist Tropes in Sports Journalism <b>D</b>	<b>2 - 4 p.m EDT   PST 11 a.m. - 1 p.m. Africa/Europe: evening</b>
Brandon Borges	Empty Stadiums, Empty Promises: A Study of the Impact of Mega-Sporting Events on the Civil Unrest of the Host Country	
Emma Cotter	How Minority Candidates' Intersectional Identities Affect Their Use of Race and Gender Issue Ownership Campaign Strategies <b>R, D</b>	
Abby Donohue	Thoughts and Prayers or Policy and Action?: The Role Interest Groups Play in State Firearm Legislation	
Henry Epling	The Palm Oil Industry – Destructive or Sustainable? Defining Sustainable Palm Oil <b>S</b>	
Benjamin Ferling	Cashing In On Kaepernick: A Visual Ideological Analysis of the Commodification of Racial Equity and Inclusion in Nike's "Equality" and "Just Do It" Advertising Campaign <b>D</b>	
Efua Aferiba Hayford	Explaining the Gender Gap in Agricultural Productivity: An Analysis of Farmers' Land Tenure Security in Rural Ghana <b>D</b>	
Anna James	Ecologically Relevant Cooling Early in Life Does Not Affect Expression of Neophobia in Zebra Finch Chicks (Taeniopygia guttata) <b>R</b>	
Alexandria Joyner	Contested Commemoration: The Relationship Between Politics and the Memorialization of the Second World War in Polish Literature, Cinema, and Museums (1945-Present) <b>C</b>	
Cormac Kelly	Britain First: The British Union of Fascists' Peace Campaign, 1932-1940 <b>C</b>	
Alexis Lanier	Sourcing Groundwater Contamination from Possible Mine Drainage in Navarre, Ohio using MODFLOW <b>C, S</b>	
Desi LaPoole	Repairing a Nation: A visual exploration into the American debate on reparations for slavery <b>A, D</b>	
Daphne Letherer	Make Some Noize: Rap as a Form of Political Protest in Russia <b>A, I</b>	
Casey Lohman	The Scars and the Moon: Theatrical Monologues Telling LGBTQIA+ Stories <b>D</b>	
Anna Medema	Arguing Over America's Best Idea: Examng the Congressional Partisan Divide wirth Regard to Public Lands Policy <b>S</b>	
Kevin Miller	The Identification and Characterization of a Halophilic UvrD Homologue, and its Incorporation into Helicase Dependent Amplification <b>C, R</b>	
Mason Minerva	A History of Groundwater Contamination and Treatment in Wooster, Ohio <b>S</b>	
Elise M. Nikolich	Being Moved by the Wild: A Study of Wilderness Spirituality and the Outdoors as a Tool for Retention and Recruitment in Quaker Communities <b>C, S</b>	
Kelsey Nolin	Through the Looking Glass: a Self Portraiture Exploration of Selfhood and Identity	
Pedro Adami Oliboni	On The Long-Term Future Importance of Investments in Economic Growth and Global Catastrophic Risk Reduction <b>A, S</b>	
Timothy Perales	The Audio-Visual Processing of Horror	
Robin Perry	"Let It Be" An Examination of the Supreme Court's Impact on Liberal Abortion Discourse in Ohio and Kentucky Newspapers	
Charlie Quigley	The Effect of Violence and Active Gameplay on Recognition of Advertisements in Video Games	
Marina Rae Roski	Building Multilateral Military Coalitions: A Study of Bribery and Coercion in Controversial Military Interventions	
Sarah Stutler	Chasing Gold Statues: A Study of Kanye West and the Case for Abstract Minimalism in the Digital Age	
Isaiah Corso-Phinney	Redemption of the Gàidhealtachd: The Formation of Highlandism from 1745 to 1822 <b>A</b>	<b>4 - 6 p.m. EDT   PST 1- 3 p.m. Africa/Europe: late evening</b>
John-Paul Richard	The Song of Siros <b>I, S, D</b>	
Samantha Tromba	The Surge of Religious Polychrome Sculptures in the Golden Age of Spain as Vivid Artistic Reponses to the Call of the Counter Reformation <b>C</b>	
Rebecca Warren	Spacing in the 5CSRTT Proves Beneficial in Early Levels	
Micaela Watson	The Same and Other Race Effects: The Minority Classroom Experience <b>D</b>	

### KEY

Copeland Fund	<b>C</b> <b>Projects that received Copeland funding:</b> The Henry J. Copeland Fund for Independent Study was established by Wooster's Board of Trustees in honor of Copeland's presidency at the College from 1977-1995. Over the past 25 years, the fund has contributed ~\$90,000 per year to support enhancements to unique and distinctive senior I.S. projects.
Study Abroad	<b>A</b> <b>Projects inspired by study abroad experiences</b>
Advisor's Research	<b>R</b> <b>Projects that relate to a faculty advisor's research</b>
Includes Non-English	<b>I</b> <b>Projects that included significant components in a language other than English</b> and/or the presentation video or audio are in a language other than English
Non-English	<b>N</b> <b>Projects that are entirely in a language other than English</b> and/or the presentation video or audio are in a language other than English
Sustainability	<b>S</b> <b>Projects related to the 2020 Symposium theme: Sustainability and the Environment</b>
Diversity	<b>D</b> <b>Projects related to the 2020 Symposium theme: Diversity, Equity, and Inclusion</b>