

Welcome to the 2021 Arthur Olsen Student Research Symposium!

Presentations will be approximately 15 minutes. Poster presentations (designated with an *) will be approximately 5 minutes. All times are CST.

Thursday, April 29			
10:45 AM	<p>Dylan Schuck 4Ocean: Can a For-Profit Company Alter the Private Sector and Environment for the Greater Good? (David O'Hara)</p>	<p>Luke Matzner Troubleshooting protoDUNE (Drew Alton)</p>	<p>Rachel Boer "La Lucha o La Huida" en personajes de Narcocultura (Joseph Patteson)</p>
	Live Q&A Sessions begin at 11:00AM		
11:15 AM	<p>Haley Delaney Alice Pickler's Contribution to Women's Suffrage in South Dakota (Cory Conover)</p>	<p>Maycie Schultz Defining the Impact of DHCR7 Mutations on Endocytic Trafficking Using Patient-Derived Fibroblasts (Andrew Klose)</p>	<p>Rachel Davis Exploring COVID-19 Vaccination Workplace Policy (Shelly Gardner)</p>
	Live Q&A Sessions begin at 11:30AM		
12:15 PM	<p>Hailey Nold Perceptions of Mental Health Resources at Augustana University (Ben Jepps)</p>	<p>Jason Becker & Ellie Holmes *Antimicrobial Effects of Placenta on Staphylococcus aureus Biofilms (Paul Eglund)</p>	<p>Logan Kadoun College Protesters in the 1960s Revolutionizing the Methods of Protest for those that have Followed (Cory Conover)</p>
	Live Q&A Sessions begin at 12:30PM		
12:45 PM	<p>Gabrielle Minneman Houseplants and Happiness: The Benefits of Indoor Gardening on Mental Health (Julie Swanstrom & Richard Swanson)</p>	<p>Hunter Widvey *Validation of qPCR Primer Sets to Measure Gene Expression in Candida glabrata and Candida albicans (Cynthia Anderson)</p>	
	Live Q&A Sessions begin at 1:00PM		
1:15 PM	<p>Jillian Stamp HPV-related post-transplant complications in Native American/American Indian females (Jennifer Gubbels)</p>		
	Live Q&A Session begins at 1:30PM		
1:45 PM	<p>Jillian Stamp Transforming the American Perspective on Public Health Through the Lens of Utilitarianism: A Closer Look at the HPV Vaccine and COVID-19 (Joel Johnson)</p>	<p>Mia Werger *Vanishing Kingdom: The chronicle of a micro-prairie restoration in Sioux Falls, South Dakota. (David O'Hara)</p>	
	Live Q&A Sessions begin at 2:00PM		
2:15 PM	<p>Thea Patrick The Effects of Emphasizing Feminine and Masculine Traits on Evaluations of Female Political Candidates of Different Races and Ethnicities (Anne Zell)</p>	<p>Michaela Udlock *Effect of Lavender Aromatherapy on Sleep Quality (Ranae Aukerman)</p>	<p>Janai Crawford *Modification of the Gut Microbiome by Exercise and Specific Estrogen Receptor Activation in Type 2 Diabetes (Brittany Gorres-Martens)</p>
	Live Q&A Sessions begin at 2:30PM		
2:45 PM	<p>Anna Sorenson Gangsters, Guns, and Money (Jeffrey Miller)</p>	<p>Elizabeth Pompa How to be fit: Using gene expression in plant tissues and new mutations to understand the link between genotype and phenotype (Carrie Olson-Manning)</p>	<p>Lydia Sargent & Amber Wendt Connections Between Personality and Willingness to Bend Moral Rules in Politics (Anne Zell)</p>
	Live Q&A Sessions begin at 3:00PM		

3:15 PM	William Solberg & Anna Bauman Digital Activity's Impact on Creative Ability <i>(Elizabeth Babcock)</i>	Emilee Kreykes Costuming Guys and Dolls: Designing a show of the 1940s in 2021 <i>(Jacee Casarella)</i>	Tori Lind, Mia Becic, & John Thorstenson Urban Bird Evolution <i>(Carrie Olson-Manning, Cecelia Miles, & Amy Lewis)</i>
	Live Q&A Sessions begin at 3:30PM		
3:45 PM	Audrey Cope Public Transit: A Policymaker's First Line of Defense in Addressing Concentrated Poverty Growth <i>(Joel Johnson)</i>	Cal Irvine What They Know About You <i>(Sharon Gray)</i>	Tyler Hayes & Alli Hoefakker *SNPs associated with increased egg size in cold-adapted <i>Drosophila melanogaster</i> <i>(Cecelia Miles)</i>
	Live Q&A Sessions begin at 4:00PM		
4:15 PM	Isabelle McElyea Desegregation in Minnesota Schools: a Review of the History of Desegregation and Integration with a Case Analysis <i>(Cory Conover)</i>		
	Live Q&A Session begins at 4:30PM		
4:45 PM	Emily Konz & Samantha Marts *Comparison of Water-Related Traits Between <i>Asclepias speciosa</i> and <i>Asclepias syriaca</i> <i>(Steven Matzner)</i>	Gloria McKenney Meeting the Needs of ELL Students in a Virtual Learning Environment: A Case Study <i>(Sharon Andrews)</i>	
	Live Q&A Sessions begin at 5:00PM		
5:15 PM	Noah Langley A Requiem For My Youth <i>(Janet Blank-Libra)</i>	Rachel Nguyen, Lauren Kress, & Intisar Koch *Investigating the Evolutionary History of Foraging Behaviors of Fruit-Feeding Central and South American Neotropical Butterflies <i>(Carrie Olson-Manning)</i>	
	Live Q&A Sessions begin at 5:30PM		
5:45 PM	Landon Thompson The failure of the UNAMIR mission in Rwanda: The causes of disaster <i>(Cory Conover)</i>	Sarah Bell The Importance of Elementary Foreign Language Learning <i>(Stephan Lhotzky)</i>	
	Live Q&A Sessions begin at 6:00PM		