

Arthur Olsen Student Research Symposium – Saturday, April 21, 2018

10:00-11:10 Keynote Address: Dr. Brent Loken ('94) Clouded leopards, orangutans and the quest of feeding 10 billion people a healthy and sustainable diet (Kresge Recital Hall)

	HUM 102 (Wiesshaar)	HUM 103 (Blank-Libra)	HUM 123 (Preston)	HUM 201 (Workman)	HUM 202 (Eggelston)	HUM 301 ()	HUM 302 (Johnson)	KRESGE
11:15-11:35	Skyy Pineda & Cody Kujawa Iodine Saturated Absorption Spectrometer for Laser Frequency Calibration <i>(A. Klose)</i>	Courtney Arthur Authenticity and the Native American in Film <i>(J. Blank-Libra)</i>	Mackenzie Main Across Generations: Norwegian Immigrant Women and Religion in America <i>(M. Preston)</i>	Jordan Biggerstaff Exhume Your Gays: Compliance with and Subversion of the "Bury Your Gays" Trope in Diana Son's "Stop Kiss" <i>(D. Workman)</i>	Kyle Widman Machine Learning Applied to Edge-Nim on Graph <i>(L. Erickson)</i>	Austin Krohnke Creation Catechism <i>(R. Swanson)</i>	Katie Eliason The Conditions for a Chinese Democracy <i>(J. Dondelinger)</i>	Reed Ritterbusch Organizational Priorities of the South Dakota State Medical Association 1882-1956 <i>(C. Ly-Donovan)</i>
11:40-12:00	Stephanie Jahnz Mechanism of Sushi Domain Containing 2 (SUSD2) Cleavage in Breast Cancer <i>(B. Eichler)</i>	Najma Siyad Hope in a Broken Justice System: A study of the episode "Hope" by Kenya Barris <i>(H. Bart)</i>	Hope Clark Passive to Empowered: The Evolution of Female Characters in American Animation <i>(M. Preston)</i>	Michal Barnes A Paperless Theatre <i>(D. Workman)</i>	Robert Haggart The More Things Change...: An Analysis of Economic Paradigms from a Kuhnian Perspective <i>(B. Eggelston)</i>	Hannah Norem Church For the Sake of the World: Why the ELCA Needs a New Reformation 500 Years Later <i>(M. Haar)</i>	Stephanie Sánchez Nobody's Blood: A Comparative Study of Latin American Dictatorships in the 20th Century <i>(J. Johnson)</i>	Madigan Moore Genetic Origin of a Rare Mitochondrial Disorder <i>(S. Vitiello)</i>
12:05-12:25	Troy Hollinsworth & Austin Kroeger SBAP-Linked Bioconjugation of Oligonucleotides to Quantum Dots <i>(B. Eichler)</i>	Sophie Geister-Jones The Ethics of Violence in Sons of Anarchy <i>(R. Swanson)</i>	Mason Breiting The Awe-Inspiring Role of Letters <i>(M. Preston)</i>	Sage Backer When you're an Addams: The process of researching and building a properties and special effects design <i>(R.J. Fitzsimmons)</i>	Will Bordewyk The Hype Economy: An Economic Analysis of Contemporary Fashion Resale Markets <i>(B. Eggelston)</i>	Shay Norris Impact of Stress on Relationship to God and Mental Health <i>(B. Jeppsen)</i>	Lydia Simmons The Role of Women in Sustainable Development <i>(S. Ogdie)</i>	Nolan Ortbahn India: Engulfed in Excrement <i>(D. Gerling)</i>

FYS Plenary: 11:15-12:30
(Note: there will be no break between plenary talks)

12:30-1:15 Poster Session (Humanities Concourse)

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| <p>Tressa Munger, Caitlyn Stellmach & Laura Peck • The Butchering Patterns Present at the Bull Creek Camp: A Late Paleoindian site in Oklahoma
<i>(K. Carlson)</i></p> <p>Haley Benjamin & Tristan Roy • Variation in Egg Size in <i>Drosophila melanogaster</i> Resulting from Differing Modes of Selection
<i>(C. Miles)</i></p> <p>Saakshi Kale • The Bull Creek Site: A Comparative Analysis
<i>(K. Carlson)</i></p> <p>Manaal Ali • Exploring How the Nuclear Envelope Regulates Innate Immunity
<i>(L. Baye)</i></p> <p>Hope E. Maunders • Analysis of Nonhuman Physical Evidence
<i>(K. Carlson)</i></p> <p>Cody Kujawa, Skyy Pineda & Reed Ritterbusch • Photon Detection for Precision Laser Spectroscopy
<i>(A. Klose)</i></p> <p>Marissa Hight • Antifungal Properties of Fluoxetine (Prozac) Derivatives Against Trichophyton mentagrophytes
<i>(M. Larson)</i></p> | <p>Jennifer Akers • Testing A Novel Compound for Antimicrobial Properties
<i>(P. Eglant)</i></p> <p>Samantha Vaverka & Hannah Higgins • Characterization of Biofilm Formation by Acid-resistant <i>Salmonella enterica</i>
<i>(P. Eglant)</i></p> <p>Sara Fisher • Thinking FASTer: How prompt identification of acute stroke by registered nurses can lead to improved outcomes
<i>(K. Abbott)</i></p> <p>Brooke Bleeker • Implementing Yo-Yo Intermittent Tests in Replacement of VO2max Test to Determine Fitness Level of Division II Collegiate Women Soccer Players
<i>(S. Barkley)</i></p> <p>McKayla Poppens • A Potential Combinatorial Therapy for CLN6 Batten Disease
<i>(A. Kloth)</i></p> <p>Angie O'Donnell, Jess Daniels, Abby Hatch & Kallie Stenson • The Effect of Sleep Hygiene on Patient Outcomes in Adult ICUs
<i>(M. Gierach)</i></p> <p>Luke Fritsch A Comparison of Exercise versus Estradiol for Preventing Type 2 Diabetes
<i>(B. Gorres-Martens)</i></p> |
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	HUM 102 (Blank-Libra)	HUM 103 (Mays)	HUM 121 (Duffy-Matzner)	HUM 123 (Preston)	HUM 201 ()	HUM 202 (J. Fitzsimmons)
1:15-1:35	Cole Bruening Beyond Sense: An Argument for the Necessity of Philosophy <i>(D. O'Hara)</i>	Katie Tusty & Claire Fanta Synthesis and Evaluation of Substituted-Biaryl Isothiocyanates <i>(J. Mays)</i>	Katelyn Stevens & Cameron Jensen Novel Isoxazoline Synthesis and Investigation as Potential Antimicrobial Agents <i>(J. Duffy-Matzner)</i>	Michael James Kolvek The Faerie Queene: The Use of Fantasy to Express and Examine the Real <i>(M. Harris)</i>	Taylor Stacey Using Tiered Modeling Problems As a Math Pedagogical Tool in Secondary Education <i>(C. Olimb)</i>	Alex Meyer Creative Storytelling: Designing a Stage for Children Audiences <i>(R.J. Fitzsimmons)</i>
1:40-2:00	Abbie Sell Multicultural Competency: A New Zealand Case Study <i>(B. Jeppsen)</i>	Carl Lang UV Light Activation of an ortho-Nitrobenzyl Protected Anticancerous Precursor <i>(J. Mays)</i>	Hayley Masching & Colter Benson Synthesis and characterization of a DFDP-CPDT polymer with ethynyl spacers by means of sonogashira coupling <i>(J. Duffy-Matzner)</i>	James Even The History of Hospital Marketing in the Last Half Century <i>(M. Preston)</i>	Sydney Cain Language Deprivation: The Importance of Early Language Acquisition <i>(M. Dyce)</i>	Kyle Marks Exploding Eyes and Kicked Boxes: An Exploration of Shakespearean Acting Style <i>(J. Fitzsimmons)</i>
2:05-2:25	Haley Plucheck Pilgrimage: A Return Home <i>(J. Blank Libra)</i>	Geoffrey Gray-Lobe Bioprospecting for Novel Cellulases in Prairie Soil <i>(P. Eglant)</i>	Hope Maunders, Alissa Runia & Alexander Tietz Quantitative Analysis of Quantum Dots by X-ray Fluorescence <i>(D. Weisshaar)</i>	Elizabeth Thompson The Orphan Trains <i>(M. Preston)</i>	Emilee Buell Exploratory Analysis of the Augustana NSSE Data <i>(E. Babcock)</i>	Rachel Polan From Concept to Completion <i>(J. Fitzsimmons)</i>