



Student Presentation Schedule | Thursday, April 19, 2018

FORUM #1 – NORRIS 100

9:00	Patrick Sheperd (Streu)	Synthesis of a Photoswitchable Hemithioindigo Analogue of a Tubulin Polymerization Inhibitor
9:15	Brock Swartz (Streu)	Chasing Hedgehogs: The Synthesis and Characterization of Second-Generation Azologues
9:30	Ashley Ball (Cervantes)	Understanding the Signal that Leads to Changes in Cell Morphology for Mating
9:45	Zerick Dill (Streu)	Progress Toward the Synthesis of an Azo-derivative of a Hedgehog Signaling Pathway Inhibitor
10:00	Jessica Bush (Rohlman)	Rps10 Protein Contribution to Ribosomal mRNA Selectivity
<hr/>		
1:15	Lauren Kelsey (Streu)	Hunting ALK: Synthesis and Characterization of a Novel, Photoisomerizing Compound to Inhibit ALK5
1:30	Taylor Alpert (Rabquer)	miR429 Regulates IL-17A Expression in Inflammatory Monocytes in Rheumatoid Arthritis
1:45	Rebecca Enerson (Cervantes)	Determining if Mating-Type Proteins Play a Role in Immaturity in the Ciliate <i>Tetrahymena thermophila</i>
2:00	Alex Reid (Metz)	Nickel as a Catalyst for the Methanol Oxidation Reaction
2:15	Megan Reilly (Lyons-Sobaski)	Saddlebred or Morgan: Discerning Differences Between Equine Breeds
2:30	Michael Bernard (McCaffrey)	Catalytic Activity of Dioxovanadium(V) Salicylaldehyde Semicarbazone Complexes in Oxidation Reactions: Scope of Reaction
2:45	Olivia Conover (McCaffrey)	The Effect on Catalysis of Differing Electron Densities Within Vanadium Semicarbazone Complexes
3:00	Tristan Budd (Rabquer)	Binding Potential Between miR-126 and KLotho to Inhibit Inflammation in U937 Monocytes
3:15	Marcin Kazmierczak (Streu)	Light Drugs: Synthesis and Characterization of Biologically Active Azologues
3:30	Matthew Stander (Rabquer)	Investigation of SOCS5 as a Gene Target of miR-9 in Inflammatory Monocytes
3:45	Anna Miller (Saville)	The Effect of Hobo Transposon Excision and DNA Repair in <i>Drosophila melanogaster</i>
4:00	Zachary Kohanov (Harris)	Homocoupling of Alkyl and Vinylboronic Acids Using a Manganese Catalyst: A First Look

FORUM #2 – TOWSLEY LECTURE HALL/NORRIS 101

9:00	Adam Jarvis, Michael Martin, Darcy Muns, Laura Newbury, Virgile Ascenzio De Esteve, Norman Mayeur, Tadchchayane Thangathurai, Yanis Touzi (Baker, Draudt, Bruneteaux-Swann, Towhill)	Business Plan Development: An International Partnership Between the USA and France – UniSMART
9:15	David Brown, Lucas Harder, Ramona Huang, Alec Palmer, Maxime Caboco, Lisa Del Bergolio, Riyhad Draief, Mickaël Guillemain (Baker, Draudt, Bruneteaux-Swann, Towhill)	Business Plan Development: An International Partnership Between the USA and France – Flaire: Automotive Fleet Care
9:30	Sarah Fuller, Harrison Palmer, Marceline Redick, Laure Duphil, Nicolas Hainaux, Léa Favretto, Charlène Dacosta Neto (Baker, Draudt, Bruneteaux-Swann, Towhill)	Business Plan Development: An International Partnership Between the USA and France – TravelUs
9:45	Chase Palmer, Emma Schiefelbein, Mark Stewart, Clémence Maurice, Nancy Bramble, Lydiane Roudaut, Valentin Rouault (Baker, Draudt, Bruneteaux-Swann, Towhill)	Business Plan Development: An International Partnership Between the USA and France – La Galerie
10:00	Julie Clore (Carlson)	Improving Patient Outcomes Using Telehealth

1:15	Emily Allison (Christensen)	Writing to Know, Writing to Say: The Relationship Between Self-Discovery and Creative Expression in a Literary Journal
1:30	Katerina Boni (MacInnes)	Working for the Companies that Brought <i>The Godfather</i> , <i>Fight Club</i> , and <i>Harry Potter</i> to Print: A Profile of the Publishing Field
1:45	Ellery Ekleberry (Chytilo)	Exploring My Relationship with Memory, Vulnerability, and Growth Through Art
2:00	Joshua McGarry (Abbott, Ball)	Edvard Grieg's Piano Concerto
2:15	Elizabeth Barnes (M. Hill, Price, Fischer)	Shakespeare in Prison, <i>Macbeth</i> , and the Importance of the Performing Arts
2:30	Kelly Pitt (Chytilo)	The Finality of Truth: Visualizing Being Seen
2:45	Jessi Fore (Abo, Ball)	The Rare Sighting of a Viola Concerto: Hummel's Potpourri Op. 94 for Viola and Orchestra

(continued on next page)



(afternoon session continued)

3:00	Evan Rieth (Christensen)	Campanilismo: Lesson on Being of a Place
3:15	Athena Balcoff (Chytilo)	Colony Collapse: Constructing a Metaphor of Deterioration
3:30	Travis Brady (Harnish)	Writing a Way Out: Henry Blake Fuller and the Romance of Escape
3:45	Emily Allison (MacInnes)	“You Will Needs Buy and Sell Men and Women Like Beasts”: Examining Geographical Inflection of Bawdry and Prostitution in Early Modern London and Shakespeare’s <i>Measure for Measure</i>
4:00	Emily Cummo (Wickre)	Bernini: Capturing Movement in Marble

FORUM #3 – NORRIS 102

9:00	Leanne Wegley (Seely)	A Comprehensive Study of the Ion-Atom Merged Beams Apparatus and the Merged Beams Technique
9:15	Julia DiFiore (Olapade, Zellner)	Resistance of <i>Escherichia coli</i> and <i>Bacillus cereus</i> to Simulated Conditions of Extreme Extraterrestrial Environments
9:30	Jennifer Nelson (Menold)	Combining Remote Sensing and Geochemistry Data in the North Qaidam UHP Terrane, China
9:45	Antoni Fodor (Zellner)	A Photometric Analysis of Eclipsing Binary Stars: A Star Wars Story
10:00	Oana Vesa (Zellner)	Analysis of the Gaia RVS Region in ESPaDOnS Spectra of Asteroseismic Calibration Stars

1:15	Victoria Stewart (E. Hill)	Predictors of Help-Seeking Stigmas in Minority and Majority Groups
1:30	Grace Boudjalis (Christopher)	Gender Differences in Perception of Behaviors in Service-Oriented Careers
1:45	Rachael Vitale (Wieth)	Breaking the Barriers to Pelvic Floor Physical Therapy
2:00	Wendi Wang (Keyes, Schmitter)	A History of Premedical Education: A Case Study at Albion College
2:15	Tyler Collins-Blankenship (Moss)	The History of the Medical Field: Defying Conventional Beliefs
2:30	Ian Stewart (E. Hill)	Self-Esteem, Gender, and Ego Threat: Predicting Benevolent and Hostile Sexism
2:45	Chelsei Carpenter (Christopher)	Work Ethic as a Predictor of Belief in a Just World
3:00	Samantha Ely (Wieth)	The Impact of Mood and Cortisol Levels on Empathy
3:15	Sydney Rudowski (E. Hill)	Predictors of Attitudes Toward Genetic Technologies
3:30	Jodie Bosheers (Boyan)	Student-Athlete Leadership Development: Developing Scholars, Professionals, and People

- 3:45 Victoria Ruprecht (Albertson) A Master Manipulator: Effects of *Wolbachia* on Host Locomotion and Cold-Shock Tolerance
- 4:00 Virginia Kivel (Henke) Understanding and Implementing Summer Programs for Positive Youth Development

FORUM #4 – NORRIS 104

- 9:00 Isabel Allaway (Schoene) Institutional Distrust, Tactical Repertoires, and the World System
- 9:15 Katherine Murphy (Walling) Peacekeepers and Sexual Exploitation and Abuse in Post-Conflict Nations
- 9:30 Rachel Barry (M. Hill) Trump's New Order? A Content Analysis of Persuasive Rhetoric in the Controversial Power Campaigns of Donald Trump and Adolf Hitler
- 9:45 Elaina Braunschweig (Myers) Failed Integration: Education and Professional Outcomes for Turks in Germany
- 10:00 Roohia (Schoene) Nuclear Proliferation: The Pakistani Case
-
- 1:15 Laura Newbury (Jaqua) Americans' Assets, Debts, and Retirement Decisions During the 2007-2009 Financial Crisis
- 1:30 Henry Carnick (Jordon) Ramsey Theory: Graph Theory Edition
- 1:45 Rebecca Barry (M. Hill) Reexamining Environmentalism Through a Communication Lens
- 2:00 Nichole Brown (Jordon) \pm Skolem-Type Difference Sets
- 2:15 Chaz Hopkins (Melzer) Exploring Toxic Masculinity at Albion College
- 2:30 Skyler Campbell (Sacks) Rewriting History: A Study of How the History of the Civil War Has Changed in Textbooks from 1876 to 2014
- 2:45 Queana Langston (Harnish, Seidler) Questioning Cass: The Lies and Legacy Behind Michigan's First Territorial Governor
- 3:00 Sam Raseman (Kirby) Examining Tarski's Semantic Conception of Truth
- 3:15 Madison Kase (Valdina) Holy Cow! The Beef Behind Political and Religious Controversy in India
- 3:30 Phillip Voglewede (Sacks) Thomas Moran's Yellowstone and American West: Chromolithography and the Development of Western Imagery
- 3:45 Robert Joerg (Brade) Jewish Life in Poland After the Holocaust
- 4:00 Bailey Downs (Dick) Eleanor Roosevelt and the Great Depression: A Portrait of Courage, Conscience, and Compassion

(continued on next page)



POSTER SESSION – SCIENCE COMPLEX ATRIUM, 4-5 P.M.

Rebecca Barry, Nick Leeman (Carlson, Draudt)	Ludington Center, Opportunity for Recruitment
Ryan Bomya, Samantha Coon, Lauren Wiegand (Carlson, Draudt)	Ludington Center Planning
Erin Boyle (Verduzco-Baker)	Pick One: Identity Negotiation Among Mixed-Race People, Children of Immigrants, Transnational Adoptees, and International Students
Madeline Denison (Streu)	Progress Toward the Synthesis of Azo-ZM 336372 as a Photoisomerizable Drug
McKenna Donahue (Shanton)	Athletes InterVarsity @ Albion College: An Analysis of Discipleship and Leadership Development
Lucas Lusk (Christopher)	Big Five Personality Factors and Motivations for Smartphone Usage
Caroline Manning (Henke)	Sharing the Outdoors with Albion's Youth
Jami Robbins (McCaffrey, Zellner)	Identification of Unknown Compounds Produced in Shock Experiments
Victoria Ruprecht (Noble)	Cultural Competencies in Medicine
Sabrina Silvestri, Nicole Woodhead (Rohlman)	Synthesis and Characterization of RNA Aptamers Targeted at <i>Aspergillus</i> Cell Surface Carbohydrates
Rachael Vitale (Saville)	A Comparative Genomics Analysis of contig48 from <i>D. Eugaricilis</i>
Michael Bernard, Garrett Mason, Nikhil Patel, Hannah Schoon, Sabrina Silvestri, Sarah Subhi, Eryn VanderVlucht, Katherine Volker, Margaret Whitlock (Albertson)	<i>Drosophila melanogaster</i> as a Model for Human Disease