

SCHEDULE AT A GLANCE

MONDAY, APRIL 9, 2018

4:00-6:00 pm Registration Alma Thomas Fine Arts Center

TUESDAY, APRIL 10, 2018

9:00-2:00 pm	Information and Volunteer Check-in Table	Bishops Lounge
9:45-10:00 am	Introduction and Welcoming Remarks Dr. Julie Sievers, Director of Teaching, Learning, and Scholarship	Roy H. Cullen Academic Mall
10:00-11:00 am	Dr. Edward Burger, President of Southwestern University Creative Works and Exhibition Performance	Alma Thomas Fine Arts Center
10:00-12:00 pm	Panel Presentations Experiential Learning Symposium: To Make Meaning and Make a Difference	Lynda McCombs Ballroom, Marsha Shields Ballroom, & Mood-Bridwell Atrium Charles & Elizabeth Prothro Center for Lifelong Learning
12:00-1:00 pm	Lunch Break	Commons Dining Hall
1:00 – 2:00 pm	Panel Presentations	Mood-Bridwell Atrium
1:15-4:00 pm	Oral Presentations Short Poem Recitations	FW Olin Building – Classrooms FW Olin Building – Lobby
4:00-5:00 pm	Poster Presentations	Bishops Lounge
5:00-5:30 pm	Celebration (<i>refreshments served</i>)	Bishops Lounge

PANEL abstracts

1. Football and Italy: Reflections on Intercultural Learning
Landon Bray '19 , Tyler Adams '18, Grayson Beck '18 , Niklis Kelly '18, Tate Schorr '20, Braydyn Gillham '20, and Dr. Erika Berroth
Sponsor: Dr. Erika Berroth, Modern Languages and Literatures Department (German)
10:30-11:00 am – McCombs Campus Center, Lynda Ballroom
2. Contemporary German Cinema: Challenges for Intercultural Learning
Anastasia Barrera '19, Aidan Buck '19, Christian Hansell '19, Claire Harding '20, Andrew Jezisek '21, Grant Jones '18, Weston Kimbro '19, Peri Kincaid '18, Bryan Lu '18, Wil Mekelburg '20, Ryan Moriarty '18
Sponsor: Dr. Erika Berroth, Modern Languages and Literatures Department (German)
11:00-11:30 am – McCombs Campus Center, Lynda Ballroom
3. Life Together at Southwestern: An Interfaith Perspective
Emma Walsh '18, Susan Wright '19, Zeynep Guven '19, Leanne Johnson '20, and Dr. Banafsheh Madaninejad
Sponsor: Rev. Megan Danner, Office of Spiritual and Religious Life
11:30-12:00 pm – McCombs Campus Center, Lynda Ballroom
4. Who Runs the World? Women! (*Capstone Presentation*)
Valeria De La Garza '19, Daniella Orces '19, and Kylie Hunt '18
Sponsor: Dr. Catherine Bourland Ross, Modern Languages and Literatures Department (Spanish)
10:30-11:00 am – McCombs Campus Center, Marsha Shields Ballroom
5. Fortress Europe: Spain as Gatekeeper of the European Union (*Capstone Presentation*)
Abby Toppins '18, Andrew Landon '18, and Lizette Cantu '19
Sponsor: Dr. Catherine Bourland Ross, Modern Languages and Literatures Department (Spanish)
11:00-11:30 am – McCombs Campus Center, Marsha Shields Ballroom
6. The Experiences of Moroccan Immigrant Students in Spain (*Capstone Presentation*)
Violeta Bueno '19, Karla Perez '19, and Sean Caroll '18
Sponsor: Dr. Catherine Bourland Ross, Modern Languages and Literatures Department (Spanish)
11:30-12:00 am – McCombs Campus Center, Marsha Shields Ballroom
7. Gun Control and the Golden Rule: An Analysis of Former President Ronald Reagan's Support of the Brady Bill
Rachel Arco '18
Sponsor: Dr. Tim O'Neill, Political Science Department
11:00 or 1:00 pm (*TBA*) – Mood-Bridwell Atrium
8. George H.W. Bush's Run of the "Mill" Liberation of Kuwait
Oscar Barbour '18
Sponsor: Dr. Tim O'Neill, Political Science Department
11:00 or 1:00 pm (*TBA*) – Mood-Bridwell Atrium
9. Imposing Administrative Ethics from the Federal Government to College Administrations in 2011 Title IX Policy Changes
Natalie DeCesare '19
Sponsor: Dr. Tim O'Neill, Political Science Department
11:00 or 1:00 pm (*TBA*) – Mood-Bridwell Atrium

10. Mutti Merkel
Martin Lopez '18
Sponsor: Dr. Tim O'Neill, Political Science Department
11:00 or 1:00 pm (*TBA*) – Mood-Bridwell Atrium
11. A Bribe? A Lie? And A Chancellor, Oh My: Can Political Corruption Only be Determined by The Law?
Salome Owino '18
Sponsor: Dr. Tim O'Neill, Political Science Department
11:00 or 1:00 pm (*TBA*) – Mood-Bridwell Atrium
12. Was the Surge Justified?
Aaron Woodall '18
Sponsor: Dr. Tim O'Neill, Political Science Department
11:00 or 1:00 pm (*TBA*) – Mood-Bridwell Atrium
13. Why Did We Miss the Blinking Light?
Sydney Cardenas '18
Sponsor: Dr. Tim O'Neill, Political Science Department
11:00 or 1:00 pm (*TBA*) – Mood-Bridwell Atrium
14. Why Japanese Prime Minister Takeshita Noboru and Italian Prime Minister Silvio Berlusconi Prefer to Use Criminal Organizations to Help Them Either Win Party Victory in National Election or Provide Personal Safety
Weidong Wu '18
Sponsor: Dr. Tim O'Neill, Political Science Department
11:00 or 1:00 pm (*TBA*) – Mood-Bridwell Atrium

CREATIVE WORKS AND EXHIBITION

abstracts

15. Southwestern University Andean Music Ensemble 2018 Research and Creative Works Symposium Performance
Matthew Gonzales '18 and Ellie Felts '21
Sponsor: Ms. Adrienne Inglis, Music Department
10:00 am - Alma Thomas Fine Arts Center
16. Lock n' Hammock
Anai Ford '21
Sponsor: Dr. Rebecca Edwards, Physics Department
10:00 am - Alma Thomas Fine Arts Center
17. Facial Recognition Robot through Raspberry Pi and Arduino
Yash Gandhi '18
Sponsor: Dr. Steven Alexander, Physics Department
10:00 am - Alma Thomas Fine Arts Center
18. Kinetic Sand Table
Christine Gutierrez '20, Claire Harding '20, and Alexander Hoffman '20
Sponsor: Dr. Steven Alexander, Physics Department
10:00 am - Alma Thomas Fine Arts Center
19. The Swiss Army Knife of Furniture
Emma Harting '21 and Leslie Henry '21
Sponsor: Dr. Rebecca Edwards, Physics Department
10:00 am - Alma Thomas Fine Arts Center
20. Exploring the Feasibility of a Connected Medication Dispenser
Cameron Henkel '21
Sponsor: Dr. Barbara Anthony, Mathematics and Computer Science Department
10:00 am - Alma Thomas Fine Arts Center
21. Modeling and Visualizing Non-Linear Dynamics in Virtual Reality
Bryan Hollingsworth '20
Sponsor: Dr. Steven Alexander, Physics Department
10:00 am - Alma Thomas Fine Arts Center
22. The Chladni Plate: a Visual Union of Physics and Art
Alexander Newell '19
Sponsor: Dr. Steven Alexander, Physics Department
10:00 am - Alma Thomas Fine Arts Center
23. The Wave
Angelina Palacios '19
Sponsor: Prof. Mary Visser, Art and Art History Department
10:00 am - Alma Thomas Fine Arts Center

24. Sneak Peek
Marissa Shipp '19
Sponsor: Prof. Mary Visser, Art and Art History Department
10:00 am - Alma Thomas Fine Arts Center
25. BreedSizer: Evolving Original Sounds with Neural Networks
Isabel Tweraser '19
Sponsor: Dr. Jacob Schrum, Mathematics and Computer Science Department
10:00 am - Alma Thomas Fine Arts Center
26. Collective Identity in Art
Zoe Watts '19
Sponsor: Prof. Mary Visser, Art and Art History Department
10:00 am - Alma Thomas Fine Arts Center
27. Portable Ergonomic Computer Interface
Aris Wells '20
Sponsor: Dr. Rebecca Edwards, Physics Department
10:00 am - Alma Thomas Fine Arts Center
28. Small Scale Wind Tunnel
Kin Williamson '20
Sponsor: Dr. Rebecca Edwards, Physics Department
10:00 am - Alma Thomas Fine Arts Center
29. Past Illuminating Present in A Bright Room
Olivia Wise '18
Sponsor: Dr. Sergio Costola, Theatre Department
10:00 am - Alma Thomas Fine Arts Center

ORAL abstracts

30. A Poem Begins as a Lump in the Throat: Schools as Muse and Memory
2018 Foundations and Curriculum of American Schools Class: Allison Bienvenu '21, Jaclyn Bouton '19, Melina Boutris '21, Allison Bradford '21, Landry Bray '19, Egeene Daniels '19, Veronica Espinosa '19, Paige Greenan '20, Rehgan Hartsell '21, Cameron Henkel '21, Brooke Hughes '20, Brandon Jennings '21, Andrew Jezisek '21, Robert Lord '21, Summer Rodgers '20, Katie Rydell '21, Alex Shafer '21, Mackenzie Spence '21, Timothy Ward '21, Miranda Wolk '19, Jessica Price '20, ~~Henry Furler '20~~, and Mariana Quetzeri '21
Sponsor: Dr. Stephen Marble, Education Department
1:15 pm – Olin Lobby
31. Coco Chanel: Refashioning the French Gender Standards of Women
Krista Everson '18
Sponsor: Dr. Melissa Byrnes, History Department
1:15 pm – Olin 207
32. Women Worthies and Unworthies: Elizabeth I and the Court of Requests, 1558-1603
Haylee Knight '18
Sponsor: Dr. Jessica Hower, History Department
1:30 pm – Olin 207
33. AIDS Activism and the Revolution of Gay Rights
Stephen Woo Kee '18
Sponsor: Dr. Jessica Hower, History Department
1:45 pm – Olin 207
34. Of Fools and Kings: A Way into the Tudor Court
Isabel Mandelbaum '19
Sponsor: Dr. Jessica Hower, History Department
2:00 pm – Olin 207
35. Reactions to the Armenian Genocide and The Holocaust, Compared
Emma Walsh '18
Sponsor: Dr. Melissa Byrnes, History Department
2:15 pm – Olin 207
36. Anne Boleyn: Bewitching Us Since 1536
Krista Everson '18
Sponsor: Dr. Jessica Hower, History Department
2:30 pm – Olin 207
37. Breakthroughs in the Bedroom: What Role Could MDMA Play in Treating the Comorbid Sexual Disorders of PTSD?
Rachel Sherinian '18
Sponsor: Dr. Fay Guarraci, Animal Behavior Program
2:45 pm – Olin 207
38. Elaborating the Mutagenic Response of an Agent Disseminating Antibiotic Resistance
Antonio Mendez '20, Athena Pinero '20, and Chandler Hyatt '19
Sponsor: Dr. Martín Gonzalez, Biology Department
3:00 pm – Olin 207

39. Following the Curve: Environmental DNA Accumulation and Degradation Rates Utilizing Apple Snails
Madison Granier '19
Sponsor: Dr. Romi Burks, Biology Department
3:15 pm – Olin 207
40. Unraveling the Mystery: Species Determination and Distribution Patterns of Two Asian Mystery Snail Species (Cipangopaludina japonica and C. chinensis)
Shannon Walsh '18
Sponsor: Dr. Romi Burks, Biology Department
3:30 pm – Olin 207
41. Prolonging the Time of Fluorescence for Cy3-Alkyne and Cy5-Alkyne Using ROXS
Mauro Garcia '18, Ian Orantes-Orellana '19, and Lauren Gillespie '19
Sponsor: Dr. David Cooper, Chemistry and Biochemistry Department
1:15 pm – Olin 209
42. A Quantitative Analysis of Various Commercially Available Acai Berry Supplements
Triston Beadle '18
Sponsor: Dr. Emily Niemeyer, Chemistry and Biochemistry Department
1:30 pm – Olin 209
43. Synthesis and Characterization of a Copper (II) Ethylene Amine Complex by an Improved Reaction Methodology
Tyler Adams '18
Sponsor: Dr. Emily Niemeyer, Chemistry and Biochemistry Department
1:45 pm – Olin 209
44. Synthesis and Characterization of New Thiadiazole Sulfonamide Ligands Reacted With Copper (II) Salts
Ryan Peraino '18
Sponsor: Dr. Emily Niemeyer, Chemistry and Biochemistry Department
2:00 pm – Olin 209
45. Synthesis and Characterization of a Novel Copper (II) Thiosemicarbazone Complex
Margaret Rowand '18
Sponsor: Dr. Willis Weigand, Chemistry and Biochemistry Department
2:15 pm – Olin 209
46. H-DNA Sequences are More Mutagenic Than B-DNA Sequences Under Oxidative Stress
Alison Riggs '18
Sponsor: Dr. Maha Zewail-Foote, Chemistry and Biochemistry Department
2:30 pm – Olin 209
47. Protein Palmitoylation States in Virally Transformed and Normal Embryonic Mouse Fibroblasts
Grant Gideon '18
Sponsor: Dr. Kerry Bruns, Chemistry and Biochemistry Department
2:45 pm – Olin 209
48. Hypoxia-Inducible Factor 1 α levels in Normal and Virally Transformed Cells
Matthew Pagano '18
Sponsor: Dr. Kerry Bruns, Chemistry and Biochemistry Department
3:00 pm – Olin 209

49. Gold(I)-Catalyzed Cyclizations: Formation of 1-H Isochromene Derivatives
Dakota Butler '18
Sponsor: Dr. Michael Gesinski, Chemistry and Biochemistry Department
3:15 pm – Olin 209
50. Application of a Novel Au(I)-Cleavable Alcohol Protecting Group
Parker Wilson '18
Sponsor: Dr. Michael Gesinski, Chemistry and Biochemistry Department
3:30 pm – Olin 209
71. Development of a Novel Titanium-Mediated Synthesis for Substituted Cyclobutanones
Jillian Bradley '18
Sponsor: Dr. Michael Gesinski, Chemistry and Biochemistry Department
3:45 pm – Olin 226
59. Role of Platinum Based Drugs in Cancer Therapies
Austin Baker '18
Sponsor: Dr. Carmen Velez, Chemistry and Biochemistry Department
4:00 pm – Olin 209
60. Titanium-Mediated Synthesis of Cyclobutanones
Renee Walker '18
Sponsor: Dr. Carmen Velez, Chemistry and Biochemistry Department
4:15 pm – Olin 209
51. The Ability of Summer Camps: Breaking Down the Culture of Disability
Veronica Pardo '18
Sponsor: Dr. Brenda Sendejo, Sociology and Anthropology Department
1:15 pm – Olin 222
52. Connecting to the Land: The Impacts of Immigration and Colonization on Australian Immigrants
Camila Rivadeneyra '18
Sponsor: Dr. Brenda Sendejo, Sociology and Anthropology Department
1:30 pm – Olin 222
53. “This Is Our Home”: An Autoethnography of the Effects of Resource Extraction Industries in Rural South Texas
Shine Trabucco '18
Sponsor: Dr. Brenda Sendejo, Sociology and Anthropology Department
1:45 pm – Olin 222
54. Race and Contested Spaces in a Liberal Predominantly White Planned Urban Community
Dakota Cortez '19
Sponsor: Dr. Maria Lowe, Sociology and Anthropology Department
2:00 pm – Olin 222
55. Abortion Provision as High Risk Activism: What Motivates Providers?
Sophia Galewsky '18
Sponsor: Dr. Maria Lowe, Sociology and Anthropology Department
2:15 pm – Olin 222
56. Post Sandy Hook: Protectorship and Adaptive Femininity Among White Female Elementary Teachers
Mary Jalufka '18
Sponsor: Dr. Maria Lowe, Sociology and Anthropology Department
2:30 pm – Olin 222

57. “Am I Still Latino Enough?” The Construction of Latino Identity Among Hispanics Who Don’t Speak Spanish
Esteffany Luna ’18
Sponsor: Dr. Maria Lowe, Sociology and Anthropology Department
2:45 pm – Olin 222
58. “We’re Not Wasting Coffee Grounds”: How Southwestern University Students Respond to Peers’ Resource Consumption and Waste Disposal Varied by Social Class
Madeline Carrola ’19
Sponsor: Dr. Sandi Nenga, Sociology and Anthropology Department
3:00 pm – Olin 222
61. The Aesthetic of Ciro Guerra: Exploring Marginalization through Melodrama
Tori Carraway ’19
Sponsor: Dr. Carlos De Oro, Modern Languages and Literatures Department (Spanish)
1:15 pm – Olin 226
62. Women’s Evolution in the World of Art
Karla Perez ’19
Sponsor: Dr. Àngeles Rodríguez, Modern Languages and Literatures Department (Spanish)
1:30 pm – Olin 226
63. La identidad de la inmigrante en las novelas El Último Patriarca y La hija extranjera por Najat El Hachmi
Abby Toppins ’18
Sponsor: Dr. Catherine Bourland Ross, Modern Languages and Literatures Department (Spanish)
1:45 pm – Olin 226
64. European Solidarity in the Refugee Crisis: A German Problem?
Martin Lopez ’18
Sponsor: Dr. Erika Berroth, Modern Languages and Literatures Department (German)
2:00 pm – Olin 226
65. Ostalgie: Representations of Memory Work in German Cinema
Bryan Lu ’18
Sponsor: Dr. Erika Berroth, Modern Languages and Literatures Department (German)
2:15 pm – Olin 226
66. Recognizing A Third Gender in Germany: The Effects of Gender Representations in Children's Programming on Identity Formations
Salome Owino ’18
Sponsor: Dr. Erika Berroth, Modern Languages and Literatures Department (German)
2:30 pm – Olin 226
67. SOU’Garden: The Hydroponic Garden Wheel of the Future
Julianne Whitehurst ’17
Sponsor: Dr. Steven Alexander, Physics Department
2:45 pm – Olin 226
68. Exploring Health Related Lifestyle Habits and Influences in Rural India
Aranha Priyanka ’18
Sponsor: Dr. Vanessa Mikan, Kinesiology Department
3:00 pm – Olin 226

69. Reliability of Georgetown Newspapers on Primary Election Coverage
Natalie DeCesare '19
Sponsor: Dr. Emily Sydnor, Political Science Department
3:15 pm – Olin 226
70. Familiar Matter: Confronting Habit for Social Change
Elena Gonzalez '18
Sponsor: Prof. Star Varner, Art and Art History Department
3:30 pm – Olin 226
72. A Cost-Benefit Analysis of Federal Housing Assistance Programs
Manuela Figueroa-Casas '18 and Aresha Davwa '18
Sponsor: Dr. Dirk Early, Economics and Business Department
1:15 pm – Olin 305
73. Are We Headed for a Housing Crisis? Housing Values Relative to Rents
Ryan Gallo '18
Sponsor: Dr. Dirk Early, Economics and Business Department
1:30 pm – Olin 305
74. Well-Being and Marriage: Does Marriage Improve Mental Health?
Maranda Kahl '18
Sponsor: Dr. Dirk Early, Economics and Business Department
1:45 pm – Olin 305
75. Can You Beat Vegas: A Study on the Efficiency of the NFL Betting Market
Ryan Ogden '18
Sponsor: Dr. Dirk Early, Economics and Business Department
2:00 pm – Olin 305
76. Are Natural Disasters Economic Disasters?
Collin Parks '18
Sponsor: Dr. Dirk Early, Economics and Business Department
2:15 pm – Olin 305
77. The Effect of H-1B Visas on Economic Growth
Penny Phan '18
Sponsor: Dr. Dirk Early, Economics and Business Department
2:30 pm – Olin 305
78. Google VS Buffet: Are Markets Actually Efficient?
David Strong '18 and Maxx Prado '18
Sponsor: Dr. Dirk Early, Economics and Business Department
2:45 pm – Olin 305
79. Aggregate Effects of College Completion on Unemployment
Caleb Rightmer '18
Sponsor: Dr. Dirk Early, Economics and Business Department
3:00 pm – Olin 305
80. Risk Tolerance and Asset Allocation
Ian Mead '18
Sponsor: Dr. Dirk Early, Economics and Business Department
3:15 pm – Olin 305

81. The Shadow Beast Within: La Quinceañera as a Means of Cultural Resistance
Esther Ramos '19
Sponsor: Dr. Brenda Sendejo, Latin American and Border Studies Program
1:00 pm – Olin 322

82. Benefits of Outdoor Adventure Programs for Middle Schoolers
Hector Aleman '18
Sponsor: Dr. Alicia Moore, Education Department
1:15 pm – Olin 322

83. You Say You Wanna Gloss With Us: Encountering the Bodies of Communication by Translating Music for Deaf Audiences
Audrey Davis '19
Sponsor: Dr. Alicia Moore, Education Department
1:30 pm – Olin 322

84. The Importance of Coaching in Motivating Adolescent Girls in Physical Education
Paige McShan '18
Sponsor: Dr. Alicia Moore, Education Department
1:45 pm – Olin 322

85. Screenwriting: The Process of Writing a Screenplay
Katie Rouse '18
Sponsor: Dr. Jim Kilfoyle, English Department
2:00 pm – Olin 322

86. Plastic Threads and Living Tapestries: A Study of Trash and Temporality
Walter Stroup '18
Sponsor: Dr. Jim Kilfoyle, English Department
2:15 pm – Olin 322

87. Querying Across Time to Interactively Evolve Animations
Isabel Tweraser '19
Sponsor: Dr. Jacob Schrum, Mathematics and Computer Science Department
2:30 pm – Olin 322

88. Comparing Direct and Indirect Encodings Using Both Raw and Hand-Designed Features in Tetris
Lauren Gillespie '19
Sponsor: Dr. Jacob Schrum, Mathematics and Computer Science Department
2:45 pm – Olin 322

89. Carnegie Mellon's OurCS and Undergraduate Research Experience for Women
Adina Friedman '19
Sponsor: Dr. Therese Shelton, Mathematics and Computer Science Department
3:00 pm – Olin 322

90. The Mathemasticks of Flower Sticks: Finding a Mathematical Model for Juggling Sticks
Bonnie Henderson '18
Sponsor: Dr. Therese Shelton, Mathematics and Computer Science Department
3:15 pm – Olin 322

91. Choose Your Own Adventure: An Analysis of Interactive Gamebooks Using Graph Theory
Daniela Beckelhymer '19

Sponsor: Dr. Alison Marr, Mathematics and Computer Science Department
3:30 pm – Olin 322

EXPERIENTIAL LEARNING POSTER

abstracts

92. Developing Reform Curriculum
Henry Furler '20
Sponsor: Dr. Sherry Adrian, Educ
10:00-12:00 pm - Charles & Elizabeth Prothro Center for Lifelong Learning
- CANCEL
93. Learning How to Teach from My Community
Sarah Buchanan '20
Sponsor: Dr. Sarah Brackmann, Community-Engaged Learning Office
10:00-12:00 pm - Charles & Elizabeth Prothro Center for Lifelong Learning
94. The Democratic Experience in American Politics
Teresa Cropper '20
Sponsor: Dr. Sarah Brackmann, Community-Engaged Learning Office
10:00-12:00 pm - Charles & Elizabeth Prothro Center for Lifelong Learning
95. The Language of Learning: Crestview Baptist Church ESL Classes
Ellie Crowley '20
Sponsor: Dr. Sarah Brackmann, Community-Engaged Learning Office
10:00-12:00 pm - Charles & Elizabeth Prothro Center for Lifelong Learning
96. Being a Congressional Assistant Campaign Manager
Natalie DeCesare '19
Sponsor: Dr. Sarah Brackmann, Community Engaged Learning Office
10:00-12:00 pm - Charles & Elizabeth Prothro Center for Lifelong Learning
97. From Participant to Site Leader: the Return to New Orleans
Lauren Muskara '20
Sponsor: Dr. Sarah Brackmann, Community-Engaged Learning Office
10:00-12:00 pm - Charles & Elizabeth Prothro Center for Lifelong Learning
98. Spring Breakaway, Houston 2018 (Navigating Rough Waters: Refugee Resettlement in the Wake of Natural Disaster)
Amiel Padayhag '20
Sponsor: Dr. Sarah Brackmann, Community-Engaged Learning Office
10:00-12:00 pm - Charles & Elizabeth Prothro Center for Lifelong Learning
99. Roots of Change: Exploring Food Justice and Race
Mauren Rendon '21
Sponsor: Dr. Sarah Brackmann, Community-Engaged Learning Office
10:00-12:00 pm - Charles & Elizabeth Prothro Center for Lifelong Learning
100. Independence: At Home and Abroad
Lacey Bowersox '18
Sponsor: Ms. Courtney Graves, Intercultural Learning Office
10:00-12:00 pm - Charles & Elizabeth Prothro Center for Lifelong Learning

101. Experiential Learning in Morocco: Studying Race, Racism, and Migration
Dakota Cortez '18
Sponsor: Ms. Cortney Graves, Intercultural Learning Office
10:00-12:00 pm - Charles & Elizabeth Prothro Center for Lifelong Learning
102. In Full Bloom
Krista Everson '18
Sponsor: Ms. Cortney Graves, Intercultural Learning Office
10:00-12:00 pm - Charles & Elizabeth Prothro Center for Lifelong Learning
103. From Dallas to Dublin: A Texas Girl's Guide to the International Stage
Joan Milburn '19
Sponsor: Ms. Cortney Graves, Intercultural Learning Office
10:00-12:00 pm - Charles & Elizabeth Prothro Center for Lifelong Learning
104. Finding my "Me" in Media
Betty Ton '19
Sponsor: Ms. Cortney Graves, Intercultural Learning Office
10:00-12:00 pm - Charles & Elizabeth Prothro Center for Lifelong Learning
105. Madagascar: A Moving Experience
Sophia Woodward '19
Sponsor: Ms. Cortney Graves, Intercultural Learning Office
10:00-12:00 pm - Charles & Elizabeth Prothro Center for Lifelong Learning
106. Assessing HOPE: An Examination of Psychological Practices in a Community Mental Health Center
Hannah Belusko '18
Sponsor: Ms. Dana Luna, Career Services Office
10:00-12:00 pm - Charles & Elizabeth Prothro Center for Lifelong Learning
107. My Semester at TTLA
Emilie Fisher '18
Sponsor: Ms. Dana Luna, Career Services Office
10:00-12:00 pm - Charles & Elizabeth Prothro Center for Lifelong Learning
108. A Walk Around the Writer's Block: Finding My Voice at Austin Woman
Lydia Gregovic '19
Sponsor: Ms. Dana Luna, Career Services Office
10:00-12:00 pm - Charles & Elizabeth Prothro Center for Lifelong Learning
109. You Did What as a History Major?
Danyale Kellogg '19
Sponsor: Ms. Dana Luna, Career Services Office
10:00-12:00 pm - Charles & Elizabeth Prothro Center for Lifelong Learning
110. High-Tech Wants SU
Meredith Parks '18
Sponsor: Ms. Dana Luna, Career Services Office
10:00-12:00 pm - Charles & Elizabeth Prothro Center for Lifelong Learning

111. Business Strategy Behind Sales & Marketing
Elijah Velasquez '19
Sponsor: Ms.Dana Luna, Career Services Office
10:00-12:00 pm - Charles & Elizabeth Prothro Center for Lifelong Learning

POSTER abstracts

112. Phenolic Composition of 23 Basil (*Ocimum Basilicum* L.) Cultivars
Melanie Aing '18, Eunice Bajomo '19, and Luke Ford '19
Sponsor: Dr. Emily Niemeyer, Chemistry and Biochemistry Department
4:00-5:00 pm – Bishops Lounge
113. Gold(I)-Catalyzed Synthesis of 1H-Isochromenes
Saarah Cantu '19
Sponsor: Dr. Michael Gesinski, Chemistry and Biochemistry Department
4:00-5:00 pm – Bishops Lounge
114. Titanium-Mediated Synthesis of Substituted Cyclobutanols
Nathan Le '19 and Aimee Rodriguez '19
Sponsor: Dr. Michael Gesinski, Chemistry and Biochemistry Department
4:00-5:00 pm – Bishops Lounge
115. A Latin Thing Happened on the Way to the Forum
Christian Erben '21, Kyla Gorman '21, and Allison Bradford '21
Sponsor: Dr. Halford Haskell, Classics Program
4:00-5:00 pm – Bishops Lounge
116. Kinematic Comparison of Underwater Dolphin and Flutter Kicking Performed in a Prone and Supine Body Position
Peter Robinson '19, Taylor Adams '18, Mickey Scharbrough '18, and Kali Rose '18
Sponsor: Dr. Scott McLean, Kinesiology Department
4:00-5:00 pm – Bishops Lounge
117. Algorithms for the Dial-a-Ride Problem
Sara Boyd '20
Sponsor: Dr. Barbara Anthony, Mathematics and Computer Science Department
4:00-5:00 pm – Bishops Lounge
118. Looking AHEAD: Developing an Advising Hub for EQUIP And DRAFT
Kristen McCrary '18, Vale Cantu '18, Yash Gandhi '18, Marissa Madrid-Ortega '18, Kolton Noreen '18, and Angus Strickland '18
Sponsor: Dr. Barbara Anthony, Mathematics and Computer Science Department
4:00-5:00 pm – Bishops Lounge
119. Evolution of Board Game Playing Agents
Sarah Johnson '20
Sponsor: Dr. Jacob Schrum, Mathematics and Computer Science Department
4:00-5:00 pm – Bishops Lounge
120. Evolving Artificial Intelligences to Compete in Real-Time Strategy Games
Alice Quintanilla '20
Sponsor: Dr. Jacob Schrum, Mathematics and Computer Science Department
4:00-5:00 pm – Bishops Lounge
121. Modeling Trends for Texas Traffic Accidents
Victoria Gore '18
Sponsor: Dr. Therese Shelton, Mathematics and Computer Science Department
4:00-5:00 pm – Bishops Lounge

122. The Mathemasticks of Flower Sticks: Finding a Mathematical Model for Juggling Sticks
Bonnie Henderson '18
Sponsor: Dr. Therese Shelton, Mathematics and Computer Science Department
4:00-5:00 pm – Bishops Lounge
123. Math and Mancala: A Decision Model and Analysis
Kristen McCrary '18
Sponsor: Dr. Therese Shelton, Mathematics and Computer Science Department
4:00-5:00 pm – Bishops Lounge
124. Singapore: Model of a Savings Fund
Penny Phan '18
Sponsor: Dr. Therese Shelton, Mathematics and Computer Science Department
4:00-5:00 pm – Bishops Lounge
125. Shift Operators on Directed Infinite Graphs
Elyssa Sliheet '19
Sponsor: Dr. Therese Shelton, Mathematics and Computer Science Department
4:00-5:00 pm – Bishops Lounge
126. The Cost of Health
Samuel Vardy '18
Sponsor: Dr. Therese Shelton, Mathematics and Computer Science Department
4:00-5:00 pm – Bishops Lounge
127. Insights into the Influence of ENSO on United States Gulf Coast Ozone Using a Surface Ozone Climatology
Morgan Engle '18
Sponsor: Dr. Therese Shelton, Mathematics and Computer Science Department
4:00-5:00 pm – Bishops Lounge
128. Progressivism Through a Camera Lens: How Cinema Progressed the Feminist Movement in France
Dillion Betros '19
Sponsor: Dr. Aaron Prevots, Modern Languages and Literatures Department (French)
4:00-5:00 pm – Bishops Lounge
129. A French Cinematic Critique of 20th Century Society
Sonny Bushak '21
Sponsor: Dr. Aaron Prevots, Modern Languages and Literatures Department (French)
4:00-5:00 pm – Bishops Lounge
130. French Cinema and New Wave Feminism
Kathryn Caudell '20
Sponsor: Dr. Aaron Prevots, Modern Languages and Literatures Department (French)
4:00-5:00 pm – Bishops Lounge

131. Women and the Emergence of the Auteur
Corinne Cordts '19
Sponsor: Dr. Aaron Prevots, Modern Languages and Literatures Department (French)
4:00-5:00 pm – Bishops Lounge
132. French Feminist Films: The Power of Nonverbal Cues
Kayleigh Hanna '19
Sponsor: Dr. Aaron Prevots, Modern Languages and Literatures Department (French)
4:00-5:00 pm – Bishops Lounge
133. Erasure and Immurement of Real and Fictitious Women
Bonnie Henderson '18
Sponsor: Dr. Aaron Prevots, Modern Languages and Literatures Department (French)
4:00-5:00 pm – Bishops Lounge
134. Modern Women in Every Era
Audrey Horton '19
Sponsor: Dr. Aaron Prevots, Modern Languages and Literatures Department (French)
4:00-5:00 pm – Bishops Lounge
135. Brigitte Bardot and Feminism in French Film
Katherine Morris '19
Sponsor: Dr. Aaron Prevots, Modern Languages and Literatures Department (French)
4:00-5:00 pm – Bishops Lounge
136. Waves of Feminism Represented in Film
Valentina Olivieri '19
Sponsor: Dr. Aaron Prevots, Modern Languages and Literatures Department (French)
4:00-5:00 pm – Bishops Lounge
137. Analysis of the Role of Gender in the Nouvelle-Vague Film Les Demoiselles de Rochefort
Olivia Rosen '19
Sponsor: Dr. Aaron Prevots, Modern Languages and Literatures Department (French)
4:00-5:00 pm – Bishops Lounge
138. Surrealism, Feminism, and Structuralism in Early French Film
Catherine Staskawicz '20
Sponsor: Dr. Aaron Prevots, Modern Languages and Literatures Department (French)
4:00-5:00 pm – Bishops Lounge
139. Germaine Dulac: A Visionary of Film and First-Wave French Feminism
Kayleigh Thomas '18
Sponsor: Dr. Aaron Prevots, Modern Languages and Literatures Department (French)
140. The French Origins of Surrealist Film
Eris Tock '18
Sponsor: Dr. Aaron Prevots, Modern Languages and Literatures Department (French)
4:00-5:00 pm – Bishops Lounge
141. The Existence, or Lack Thereof of, Diversity in French Cinema
Sophia Woodward '19
Sponsor: Dr. Aaron Prevots, Modern Languages and Literatures Department (French)
4:00-5:00 pm – Bishops Lounge

142. Cryptography Using Nonlinear Dynamics
Roberto Garza '19
Sponsor: Dr. Chris Curry, Physics Department
4:00-5:00 pm – Bishops Lounge
143. Constructing a Wave Powered Robot
Christina Nissen '20 and Alexandria Trevino '19
Sponsor: Dr. Steven Alexander, Physics Department
4:00-5:00 pm – Bishops Lounge
144. The Effect of Proximity on Reactions to Hate Speech
Camille Martin '18
Sponsor: Dr. Emily Sydnor, Political Science Department
4:00-5:00 pm – Bishops Lounge
145. Conflict Orientation and its Effect on ~~How College Students Discuss~~ the Free Speech Debate
Emily Tesmer '20
Sponsor: Dr. Emily Sydnor, Political Science Department
4:00-5:00 pm – Bishops Lounge
146. Personality Traits, Coping, and Romantic Relationships
Julie Swets '18, Meredith Pollock '19, Matthew Gonzalez '18, Rachel Allen '19, Amy Goodman '18, and Allison Cook '18
Sponsor: Dr. Bryan Neighbors, Psychology Department
4:00-5:00 pm – Bishops Lounge
147. Creative Casanovas: Mating Strategy Predicts Using – But Not Preferring- Unusual Flirting Tactics
Helena Lorenz '18 and Justin White '18
Sponsor: Dr. Carin Perilloux, Psychology Department
4:00-5:00 pm – Bishops Lounge
148. The Effects of Ketamine on Sexual Behavior, Anxiety, and Locomotion in Female Rats
Chantal Gonzalez '19, Devon Lucero '19, and Paige Womble '18
Sponsor: Dr. Fay Guarraci, Psychology Department
4:00-5:00 pm – Bishops Lounge
149. Fake Smiles, Faker Accounts: The Relationship Between Life Satisfaction and Finstagram Use
Lourdes Davis '20, Emily Olson '20, and Dean Neubek '20
Sponsor: Dr. Traci Giuliano, Psychology Department
4:00-5:00 pm – Bishops Lounge
150. “Do They Give a 🍌?”: The Effects of Emojis on Professor Perception
Ella Doss '20 and Mariany Gainza-Perez '18
Sponsor: Dr. Traci Giuliano, Psychology Department
4:00-5:00 pm – Bishops Lounge
151. The Effect of Accomplishments and TV Preferences on Perceptions of Intelligence
Emily Olson '20, Davis Kate '20, Athena Pinero '20, and Josh Im '20
Sponsor: Dr. Traci Giuliano, Psychology Department
4:00-5:00 pm – Bishops Lounge

152. **Now That's Aggressive!: Examining the Relationship Between Political Orientation and Political Flaming**
Kirk Zanetti '20, Athena Pinero '20 and Taylor Torres '20
Sponsor: Dr. Traci Giuliano, Psychology Department
4:00-5:00 pm – Bishops Lounge