

28TH ANNUAL



APRIL 25, 2018
12-4:30 P.M.

Academic

SPREE

day



ACADEMIC COMMONS

GODDARD LIBRARY

TILTON HALL

HIGGINS UNIVERSITY CENTER



ACADEMIC SPREE DAY 2018 — PRESENTATIONS AND POSTER SESSIONS 12 - 4:30 P.M.

ORAL PRESENTATIONS AND PANELS

Prouty Conference Room, Goddard Library, 4th floor

12 - 1 p.m. History Department Honors Theses
1 - 1:30 p.m. English Department Honors Theses

Fuller Conference Room, Goddard Library, 4th floor

12 - 2 p.m. English Department Honors Theses

Grace Conference Room, Higgins University Center

12:30 - 1 p.m. Art History Honors Thesis
1 - 1:30 p.m. Theatre Arts
1:30 - 2 p.m. Geography

Lurie Conference Room, University Center, 1st floor

1:30 - 2 p.m. Sociology
2 - 2:30 p.m. Psychology
2:30 - 3 p.m. Psychology Department Honors Thesis
3 - 3:20 p.m. International Development and Social Change

POSTER SESSIONS

Tilton Hall, Higgins University Center, 2nd floor

Biochemistry and Molecular Biology
Biology
Chemistry
Computer Science
Environmental Science
Geography
Global Environmental Studies
HERO (Human-Environment Regional Observatory)
International Development and Social Change
Management
Physics
Psychology

Academic Commons, Goddard Library, 1st floor

Ancient Civilization
Asian Studies
Comparative Literature
Economics
Mathematics
Education
English
Other
Women's and Gender Studies

OTHER EVENTS AND DISPLAYS

Goddard Library

2 - 4:30 p.m. Rare Book Open House

Traina Center for Arts

4:30 - 6 p.m. "Beg, Borrow & Steal"

ORAL PRESENTATIONS AND PANELS

Prouty Conference Room, Goddard Library, 4th floor

History Department Honors Theses

12 – 12:20 p.m. *Women Push to Adapt Judaism as Seen Within Jewish Cookbooks, 1889-1935.* Khalil Power '18. (Sponsor: Professor Olga Litvak)

12:20 – 12:40 p.m. *Confronting the Past: The Holocaust as Narrated Through Facing History and Ourselves.* Spencer Cronin '18. (Sponsor: Professor Thomas Kuehne)

12:40 – 1 p.m. *Seamus Heaney: The Role of Poetry in History.* Teide Riley-McNary '18. (Sponsor: Professor Olga Litvak)

Fuller Conference Room, Goddard Library, 4th floor

English Department Honors Theses

12 – 12:30 p.m. *Creative Thesis: August & Everything After.* Samuel Marlinga '18. (Sponsor: Professor Lisa Kasmer)

12:30 – 1 p.m. *Creative Thesis: New October.* Mal Sklar '18. (Sponsor: Professor Lisa Kasmer)

1 – 1:30 p.m. *"Palpable Verb Tenses:" Non-Patriarchal Modes of Readerly and Authorial Position.* Emily Garcia Tornquist '18. (Sponsor: Professor Meredith Neuman)

1:30 – 2 p.m. *Straying from the Heterosexual Ideal: Gothic Anxieties Regarding Sex and Gender.* Miranda Briggs '18. (Sponsor: Professor Lisa Kasmer)

Grace Conference Room, University Center, 1st floor

Art History Honors Thesis

12:30 – 1 p.m. *A Comparison of French and Italian Books of Hours: The Tension Between Female Agency and Idealized Womanhood.* Katherine Grady '18. (Sponsor: Professor John Garton)

Theatre Arts

1 – 1:30 p.m. *A Study of Costume Design and Technology.* Jaime Silverman '19. (Sponsor: Professor Gino Dilorio)

Geography

1:30 – 2 p.m. *Comparison between MODIS and VIIRS for crop monitoring in the U.S.* Yeannet Ruiz '19. (In collaboration with Oyut Amarjargal, graduate student; Sponsor: Professor John Rogan)

Lurie Conference Room, University Center, 1st floor

Sociology

1:30 – 2 p.m. *Emerging Adults and Primary Care: Their Utilization and Experiences.* Justin Woods '18. (Sponsor: Professor Deborah Merrill)

Psychology

2 – 2:30 p.m. *Why Queer People Drink: A Look into Alcohol Use, Self-Esteem, and Queer Identity.* Ryder Summa '19. (Sponsor: Professor Kathleen Palm Reed)

Psychology Department Honors Thesis

2:30 – 3 p.m. *Exploring undergraduate group project characteristics and outcomes using Self-Determination Theory.* Jenna Libera '18. (Sponsor: Wendy Grolnick)

International Development and Social Change

3 – 3:20 p.m. *Analyzing the History of Indian Migration to the United States and the Impact on the "Immigrant Experience".* Krithi Vachaspati '18. (Sponsor: Professor Anita Fabos)

POSTER SESSIONS

Tilton Hall, Higgins University Center, 2nd floor

Biochemistry and Molecular Biology

- Biochemical and Structural Studies of HACE1, a HECT E3 Ubiquitin Ligase Linked to Huntington's Disease and Wilms' Tumor.* Diana Argiles Castillo '18. (Sponsor: Professor Donald Spratt)
- Investigating Folding Intermediates in ALS Linked RNA Binding Proteins.* Connor Maguire '18 (in collaboration with Jill Zitzewitz, University of Massachusetts Medical School; Sponsor: Professor Donald Spratt)
- Expression, Purification, and Activity of pFU DNA Polymerase* Jeanmarie Loss '18. (Sponsor: Professor Donald Spratt)
- Fat and Gene Expression: Relationships in a Heart Rhythm Disorder.* Jordan Majka '18. (Sponsor: Professor Donald Spratt; in collaboration with Dr. David McManus, Principal Investigator)
- Drug Binding studies with Cullin-1 WHB domain.* Ethan Ziembra '18. (Sponsor: Professor Donald Spratt)
- Biochemically characterizing HECTD1 and investigating its functional implications.* Misa Mai '18. (Sponsor: Professor Donald Spratt)
- Epitope Targeting: A Review.* Anny Ul-Ain '18 (in collaboration with Rene Kandler, graduate student; Sponsor: Professor Arundhati Nag)
- Biophysical determination of KRUPPEL binding affinity.* Aaron Bogle '18. (Sponsor: Professor Robert Drewell)
- Investigating the Physiological Function of GFA In *Phaeodactylum Tricornutum*.* Katherine Battey '18. (Sponsor: Professor Deborah Robertson)
- Formaldehyde Dehydrogenase as a Selectable Marker for Transformation in Marine Diatoms.* Christina Campagna '18. (Sponsor: Professor Deborah Robertson)

Biology

11. *Phenotypic differentiation matches environmental variation: a potential case for local adaptation in rainbow darters.* Daniel Oliveira '19. (Sponsor: Professor Sarah Fitzpatrick, Michigan State University & National Science Foundation)
12. *From snake-like to lizard-like: the diet and microhabitat use of burrowing lizards that differ in body shape.* Erika Schaper '18. (Sponsor: Professor Philip Bergmann)
13. *Convergent Evolution of Snake-like Body Shapes in Squamates: A Comparison of Locomotion.* Sara Mann '19. (Sponsor: Professor Philip Bergmann)
14. *The Effect of Iron (Fe) Limitation in Four Species of Marine Diatoms: Phaeodactylum tricornutum, Pseudo-nitzschia australis, Skeletonema costatum, and Thalassiosira pseudonana.* Kaila Sauer '18, Michelle Robidas '19, Ronni Pelletier '20, and Casey Clemente '19. (Sponsor: Professor Deborah Robertson)
15. *The role of Centrin B in the nuclear architecture of Dictyostelium discoideum.* Christopher Morales '18. (Sponsor: Professor Denis A. Larochelle)
16. *Proliferative Potential of Cells Expressing Proneural Genes in the Annelid Capitella teleta.* Ashley Renfro '19 (in collaboration with Abhinav Sur; Sponsor: Professor Neva Meyer)
17. *Taming Wild Mold: modeling fungal domestication through experimental evolution.* Lucyna Kogut '18. (Sponsor: Professor John Gibbons)
18. *Ecological determinants of trait biogeography in a post-glacial adaptive radiation.* Elizabeth Lohr '19 and Ross Blanc '18. (Sponsor: Professor Richard King)

Chemistry

19. *Synthesis and Structure of n-Methyl-2-Pyridone Substituted Copper(II) Pyrazine Linear Chains.* Faith Witkos '20. (Sponsor: Professor Mark Turnbull)
20. *Mechanochemical Synthesis of $\text{LnCuX}_2 \cdot m\text{H}_2\text{O}$ ($\text{L} = 3\text{-cyanopyridine, 2-amino-3-cyanopyridine, 2-amino-5-cyanopyridine}$; $n = 1, 2$; $X = \text{Cl, Br}$; $m = 0, 1$) via Drop-solvent Grinding: Structures and Magnetic Properties.* Jonathan Chellali '18. (Sponsor: Professor Mark Turnbull)
21. *Visible absorbance variation in Dion-Jacobson perovskites upon acid exchange.* Raistlin Bittues '19 (in collaboration with Wendy Nason, graduate student; Sponsor: Professor Luis Smith)
22. *Rapid Synthetic Strategy for Cu_2O Hexapod Synthesis.* Yana Zubarev '19. (Sponsor: Professor Luis Smith)
23. *Optimizing exfoliation of layered strontium niobate perovskites.* Emma Narkewicz '20 and Henry Hutcheson '20. (Sponsor: Professor Luis Smith)

Computer Science

24. *Plasma Perturbed by Cylindrical Probe.* James Huber '21, Rayyan Abid '21, Christine Guerette '21, Daria Manea '21, Yu Qing '21, Sean Savage, '21, Ah Heng, Phil Jake Lam Yiew Foo '18, and Jurry A. Bajwah, '20. (Sponsor: Professor Natalia Sternberg)
25. *ClarkEats: Food Sustainability on Campus.* Tiffany Kayo '19, Christina Zymaris '19, and Bezawit Ayalew '19. (Sponsor: Professor John Magee)
26. *Analysis on the History of Programming Languages.* David Muckle '18. (Sponsor: Professor Ken Basye)
27. *Ethics and Morality in Game Design.* Ella Tuson '19. (Sponsor: Professor John Magee)

Environmental Science

28. *The Troubling Trends of Kenya's Tropical Mountain Glaciers.* Wilhem Diehl '18. (Sponsor: Professor Karen Frey)

Geography

29. *Evaluation of Sentinel-2's MultiSpectral Instrument to Detect Harmful Algal Blooms.* Carly Robbins '18 (in collaboration with Richard P. Stumpf, NOAA National Centers for Coastal Ocean Science; Sponsor: Professor Florencia Sangermano)
30. *Capacity of Guerrilla Gardening to Alleviate Urban Food Insecurity.* Robbie Franklin '18. (Sponsor: Professor Rinku Roy-Chowdhury)
31. *Port Redevelopment in Haifa: mitigating interests in a mixed city.* Nathan Bram '18. (Sponsor: Professor Deborah Martin)
32. *Strategies for Juvenile Tree Stewardship on Multi-family Residential Properties in Chelsea and Holyoke Massachusetts.* Eli Baldwin '19 (in collaboration with Arthur Miller, Zhiwen Zhu, Marc Healy and Massachusetts Department of Conservation and Recreation; Sponsors: Professor John Rogan and Professor Deborah Martin)
33. *Does the distribution of juvenile tree planting impact local air temperature? A calibrated microclimate simulation in Holyoke Massachusetts.* Meyru Bhanti '18. (Sponsor: Professor John Rogan)
34. *Developing a Planting Priority Index for the Greening the Gateway Cities Program in Fitchburg, Massachusetts.* Miles-Philbert Weule Chandler '18. (Sponsor: Professor John Rogan)
35. *Assessment of Factors Influencing Juvenile Street Tree Health in Mass Gateway Cities.* Joe Mogel '20. (Sponsor: Professor John Rogan)
36. *Trends in Forest Cover: Semi-automated Classification of Forest in Massachusetts for 2015.* Tyler Anderson '18. (Sponsor: Professor John Rogan)

Global Environmental Studies

37. *Social and Economic Development Through the Revitalization of the Cocoa Industry in Trinidad and Tobago*. Kaiomi Inniss '19. (Sponsor: Professor Rinku Roy-Chowdhury)
38. *Solar Energy Transition Opportunity Analysis*. Krissy Truesdale '19. (Sponsor: Professor James Murphy)

HERO (Human-Environment Regional Observatory)

39. *The Impact of Juvenile and Mature Trees on Air Temperature Fluxes: Employing ENVI-met in the city of Chelsea, Massachusetts*. Hannah Corney '18 (in collaboration with Department of Conservation and Recreation; Sponsors: Professor John Rogan and Professor Deborah Martin)

International Development and Social Change

40. *Internship with A.C.E. Worcester (African Community Education)*. Zion Bereket '18. (Sponsor: Professor Ellen Foley)
41. *Discourse Analysis of Governmentality in Namibian Development*. Sam Kennedy '18. (Sponsor: Professor Dave Bell)
42. *Determinants of Marginalization and Inequitable Health Status and Access Among Ethnic Minority Women in South-Central Vietnam*. Kayla Paton '18. (Sponsor: Professor Marianne Sarkis)
43. *Confronting the Past? Silences in History and Memory of the Trans-Atlantic Slave Trade in Senegal*. Leta Branham '18. (Sponsor: Professor Ken MacLean)
44. *Exclusion and Extraction: Rural Resistance to Gold Mining in Northeast Thailand*. Molly Gurney '18. (Sponsor: Professor Cynthia Caron)
45. *Community Building and Placemaking in Lebanese Refugee Camps*. Helen Perham '18. (Sponsor: Professor Kathryn Madden)
46. *Impacts of HIV/AIDS on Women in Southern Africa*. Abigail Waldron '18. (Sponsor: Professor Denise Humphreys-Bebington)

Management

47. *Management of College Campus HIV & STI Screening: Process and Recommendations*. Keegan Daugherty '19, Keve Bonilla-Gross '21, Ethan Moncur '20, Jonathan Samuni '21, and Matt Waggett '21. (Sponsor: Professor Maria Barluenga)

Physics

48. *Lumbriculus variegatus Locomotion in Granular Media*. Bernny Ramirez '18 (in collaboration with Andreaa Panaitescu; Sponsor: Professor Arshad Kudrolli)

Psychology

49. *The Moderating Effects of Coping on the Links Between Stressful Life Events and Perceptions of Control as well as Academic Success*. Marissa Bohlman '18. (Sponsor: Professor Wendy Grolnick)
50. *Autonomy Support, Parent Involvement and Their Relations with Children's Perceived Control*. Sydney Geer '19. (Sponsor: Professor Wendy Grolnick)
51. *Understanding Childhood Anxiety: Examining Relations with Controlling Parenting and Structure*. Taylor McAllister '18. (Sponsor: Professor Wendy Grolnick)
52. *The Influence of Pre-Adoptive Experiences on Children Adopted from Foster Care: Parents' Perspectives*. Emma Needles '18. (Sponsor: Professor Abbie Goldberg)
53. *Gay Dads Raising Daughters: Challenging Heteronormative Gender Socialization Practices*. Ella Hutzler '18 (in collaboration with Reihonna Frost, graduate student; Sponsor: Professor Abbie Goldberg)
54. *Male-Partnered Bisexual Women' Perceptions of and Reasons for Disclosing Sexual Orientation to their Children Across the Transition to Parenthood*. Julia Marcou '18 (in collaboration with Melissa Manley and Reihonna Frost, graduate students; Sponsor: Professor Abbie Goldberg)
55. *The role of ADHD among college students in committed romantic relationships*. Laura Tramontozzi '18 (in collaboration with Justin Laplante, graduate student; Sponsor: Professor James Cordova)
56. *Stress and Drinking Behavior Among Female College Athletes*. Corinne Ouellette '19 (in collaboration with Lia Bishop, graduate student; Sponsor: Professor Kathleen Palm Reed)
57. *The Mediating Effect of Social Support on Religiosity and Drinking Behaviors*. Morgan Krom '19. (Sponsor: Professor Kathleen Palm Reed)
58. *Analysis of Alcohol Use with Depression Symptoms and Emotional Regulation*. Natalie Tincknell '19. (Sponsor: Professor Kathleen Palm Reed)
59. *Parenting Styles and College Students' Drinking Habits: An Analysis of Correlational Relationships*. Olivia Horseman '18. (Sponsor: Professor Kathleen Palm Reed)
60. *Emotional Dysregulation and Motives to Drink*. Noah Tye '18. (Sponsor: Professor Kathleen Palm Reed)
61. *Coming Out Experiences of LGB Latinos/as: The Role of Cultural Values*. Camilo Posada Rodriguez '19 (in collaboration with Nestor Noyola, graduate student; Sponsor: Professor Esteban Cardemil)
62. *Thematic Analysis of Lesbian, Bisexual, and Queer Latina Identity*. Alika Gillard '18 (in collaboration with Nestor Noyola, graduate student; Sponsor: Professor Esteban Cardemil)

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63. *Building the Worcester Provider Alliance through Social Networking Analysis*. Claire Royston '18. (Sponsor: Professor Esteban Cardemil)
64. *Effects of Causal Illness Beliefs on Inpatient Satisfaction*. Rebecca Schaffer '19 (in collaboration with Kristen Keefe, graduate student, Sponsor: Professor Esteban Cardemil)
65. *Are mental health conceptualization styles predictive of aftercare engagement in inpatients?* Sherief Eldeeb '18 (in collaboration with Kristen Keefe, graduate student; Sponsor: Professor Esteban Cardemil)
66. *The Effects of Sexual Orientation and Gender on Help-Seeking in College Victims of Interpersonal Violence*. Emily Valante '18. (Sponsor: Professor Denise Hines)
67. *Psychological Health of Adult Child Witnesses of Mother-to-Father Violence*. Mira Syracuse Siewert '19. (Sponsor: Professor Denise Hines)
68. *Stalking among College Students*. Haley Cronshaw '18. (Sponsor: Professor Denise Hines)
69. *Community Cohesion and Betrayals in Times of Conflict*. Hyomin Lee '19. (Sponsor: Professor Johanna Ray Vollhardt)
70. *The Effect of Context on Resistance: A Comparative Study on Palestinian and Burundian Experiences*. Adelisa Turnadzic '18. (Sponsor: Professor Johanna Vollhardt)
71. *Friendship in Bengali Culture*. Eileen Kinnane '18. (Sponsor: Professor Michael Bamberg)
72. *Gender differences in same-sex friendship: a glance at Japanese high school students*. Rui He '18. (Sponsor: Professor Michael Bamberg)
73. *Finding Home: Friendship as Remedy to the Alienation of Modernity*. Zachary Wipff '19. (Sponsor: Professor Michael Bamberg)
74. *What Are We? The Difficulty in Defining Friendship*. Kelli Woodson '18. (Sponsor: Professor Michael Bamberg)
75. *An Individualist outlook on Life in a Collectivist culture*. Karina Ramchandani '18 and Charles Lane '20 (in collaboration with Deeya Mitra, graduate student; Sponsor: Professor Jeffrey Jensen Arnett)
76. *Exploring Gender Roles influence on Developmental Tasks during Emerging Adulthood*. Charles Lane '20 and Karina Ramchandani '18 (in collaboration with Deeya Mitra, graduate student; Sponsor: Professor Jeffrey Jensen Arnett)
77. *Future perspectives on work, education, and adulthood among emerging adults in the U.S.: A national study*. Shijun Yu '19 (in collaboration with Achu Johnson Alexander, graduate student; Sponsor: Professor Jeffrey Jensen Arnett)
78. *'I Told You So': A Mixed-Methods Study on the relationship between Family and Norm Compliance-related Criteria for Adulthood*. Emma Nagler '20 (in collaboration with Achu Johnson Alexander, graduate student; Sponsor: Professor Jeffrey Jensen Arnett)
79. *Are We There Yet? Self-Perceptions of Adulthood Among College and Non-College-Going Emerging Adults*. Taylor Houston '19 (in collaboration with Achu Johnson Alexander, graduate student; Sponsor: Professor Jeffrey Jensen Arnett)
80. *Self-Reported Participation in Culminating Capstones*. Jessica Chadwick '19, Breanna Desrochers '19, Samantha Hinchey '18, and Andreana Nop '19. (Sponsor: Professor Nancy Budwig)
81. *Establishing a Baseline for High-Impact Educational Practices*. Joshua DeMelo '18, Alexandra Goldrick '19, Fiona McDonnell '18, Julia Schroeder '19, and Rebecca Wallace '19. (Sponsor: Professor Nancy Budwig)
82. *Students' Participation and Presentation Rates in Signature Work: Does Level of Parental Education Matter?* Freya Pollock '18, Sami West '18, Ben Levine '19. (Sponsor: Professor Nancy Budwig)
83. *Participation in Signature Works Across Major*. Caileigh Clark '18, Melineth Vasquez Rivera '18, Claire Saudino '18 and Isaac Smith '18. (Sponsor: Professor Nancy Budwig)
84. *Student Participation in Signature Work: Gender Differences*. Leah Crawford '18, Kasey Roscello '19, and Holly Bauer '19. (Sponsor: Professor Nancy Budwig)
85. *Does the Length of Exposure to Musical/Rhythmical Training Affect Early Literacy Achievements?* Cassidy Benzing-Plourde '18, Sophia Goldberg '19, and Tim Rovnak '18 (in collaboration with Artisan Childcare; Sponsor: Professor Elena Zaretsky)
86. *Music and Literacy: Does Musical/Rhythmical Training Help Young Children to Acquire Reading Pre-cursors?* Katherine Swierk '18, Pauleen Faynberg '18, Cassandra (Sasha) Feeney '19, Fin Mooney, '19. (Sponsor: Professor Elena Zaretsky)
87. *Relationship Between Maternal Education, Home Literacy Practices, and Early Literacy Skills*. Jacqueline Menton '18, Laurel White '19, Lauren Canoni '19, and Gretchen Fowler '18. (Sponsor: Professor Elena Zaretsky)

Academic Commons (Goddard Library – 1st Floor)

Ancient Civilization

88. *Ovid in The Archive*. Caroline Durkin '18. (Sponsor: Professor Meredith Neuman)

Asian Studies

89. *Japan's Family Planning in the 21st Century*. Bichtroan Nguyen '18. (Sponsor: Professor Alice Valentine)

90. *The Grotesque and Mysterious in Ukiyoe*. Sara Cogan '18. (Sponsor: Professor Alice Valentine)

Comparative Literature

91. *Representation of Marginalized Youth in French Language Film: A Social Criticism*. Mikayla Pantano '20. (Sponsor: Professor Alison Fong)

92. *The Legacy of A. Nolder Gay*. Madhubanti Anashua '18. (Sponsor: Professor Robert Tobin)

93. "The Old Place": *Gay Bars in Worcester from the 1950s to the 1980s*. Morgan Dufour '21. (Sponsor: Professor Robert Tobin)

94. *Mainly for Women: Twentieth Century Queer Feminist Movements in Worcester and Beyond*. Arai Long '21. (Sponsor: Professor Robert Tobin)

95. "We Are Not Sodom and Gomorrah Yet". Margaret Rhodes '18. (Sponsor: Professor Robert Tobin)

96. *NOW's stance on Gay Rights: The Lavender Menace and The Lesbian Continuum*. Eva Tsimboukis '18. (Sponsor: Professor Robert Tobin)

97. *Come Help Us Rise: Coverage of Homosexuality in The Scarlet from 1969 to 1979*. Griffin Minigiello '21. (Sponsor: Professor Robert Tobin)

98. *Snowmen and Angels: Responses to AIDS in the 1990s*. Caelin Olson '21. (Sponsor: Professor Robert Tobin)

Economics

99. *A Hedonic Measure of the Effect of Tree Canopy Cover on Real Home Prices*. Gemma Wilkens '18. (in collaboration with Geography; Sponsors: Professor Jacqueline Geoghegan, Professor John Rogan, and Professor Deborah Martin)

100. *Real estate value and education*. Annie Chac '18. (in collaboration with Roxane Anderton; Sponsor: Professor Marc Rockmore)

101. *Fighting bias with bias – Utilizing Prospect Theory to create dialectic Wisdom of Crowds phenomena within individuals*. Andres Gvirtz '18. (Sponsor: Professor Marc Rockmore)

102. *Measuring the Gender Wage Gap in Pakistan's Education Sector*. Tehreem Cheema '18. (Sponsor: Professor Marc Rockmore)

103. *Economics and The Olympics*. Brenna Foley '18. (Sponsor: Professor Marc Rockmore)

104. *Pakistan's [lack of] Economic Growth: an analysis of industrialization and international trade*. Absar Ali '18. (Sponsor: Professor John Brown)

105. *Financial Development and Growth in Sub-Saharan Africa*. Ashleigh Nongogo '18. (Sponsor: Professor Edouard Wemy)

106. *Does Money Buy Happiness?: An Analysis of Income's Impact on Happiness in the United States from 1974-2016*. Crystal Tang '18. (Sponsor: Professor Magda Tsaneva)

107. *Institutions of Integration: The Role of Educational Systems in Integrating Foreign Born Youth*. Nikolas Wagner '18. (Sponsor: Professor John Brown, PhD)

108. *Measuring the Economic Benefits of Commuter Rail Service*. Anthony Jreije '18. (Sponsor: Professor John Brown)

109. *Will the Integration of Morocco to the African Union Have a Positive or Negative Impact on its Economy?* Kenza Naitlho '18. (Sponsor: Professor David Cuberes)

110. *The Effect of Socioeconomic Factors on Water Quality throughout the United States*. Amelia Turner '18. (Sponsor: Professor Dana Bauer)

111. *Hammering the Sickle: Commodity price level shocks to GDP Growth*. Arslan Tarar '18. (Sponsor: Professor Wayne Gray)

112. *Does the United States want a Strong Dollar or a Weak Dollar?* Michael Gaiewski '18. (Sponsor: Professor David Cuberes)

Mathematics

113. *An Evolved Evolutionary Algorithm*. Michael Gaiewski '18. (Sponsor: Professor Jacqueline Dresch)

Education

114. *Learning from my students: my year as a STEM teacher*. Mary Yohannes '19. (Sponsor: Professor John Pierre Ameer)

English

115. *The Ambiguity of Language in Voltaire's Translation of Shakespeare*. Samantha Poole '18. (Sponsors: Professor Lisa Kamser & Professor Allison Fong)

116. "Palpable Verb Tenses": *Non-Patriarchal Modes of Authorial and Readerly Position*. Emily Garcia Tornquist '18. (Sponsor: Professor Meredith Neuman)

117. *Straying from the Heterosexual Ideal: Gothic Anxieties Regarding Sex and Gender*. Miranda Briggs '18. (Sponsor: Professor Lisa Kasmer)

118. *The Leroy Allston Ames Essay Contest* (Sponsor: Professor Lisa Kasmer)

1st Place: Emily Hawkins '21 for "*Romanticizing Middle-Class Ideals in Victorian Novels*"

2nd Place: Mahi Taban '21 for "*Issues of Ethnicity, Nationality, and Foreignness in 19th Century British Literature: How the Gothic Was Used as a Disguise for Racial Commentary*"

119. *The Prentiss Cheney Hoyt Poetry Contest* (Sponsor: Professor Lisa Kasmer)

1st Place: Naomi Shmueli '18 for "*Mountain Mama*"

2nd Place: Jennifer Vernick '18 for "*After the Fourth Hospital Stay*"

3rd Place: Mahi Taban '21 for "*Letter to Khyber*"

3rd Place: Jane Thomas '21 for "*Most Likely to Succeed*"

120. *The Betty '79 and Stanley Sultan Short Story Contest* (Sponsor: Professor Lisa Kasmer)

1st Place: Samuel Marlinga '18 for "*I*"

2nd Place: Henry Lynch '18 for "*Everyone Came But No One Was There*"

3rd Place: Jonathan Krauss '20 for "*Tiny Fish*"

Honorable Mention: Mal Sklar '18 for "*Do Roombas Dream of Electric Sheep?*"

121. *The Loring Holmes & Ruth Dodd Drama Contest* (Sponsor: Professor Lisa Kasmer)

1st Place: Toni Armstrong '19 for "*When*"

2nd Place: Shawn McGarry '19 for "*Act 1, Scene 2 (Dan and Beatrice. . .)*"

3rd Place: Lukas Pomerville '21 for "*Bastille Café*"

Other

122. *Encoding the Oldest Western Music*. Toni Armstrong '19 and Marika Fox '19. (in collaboration with Allyn Waller '18, Nicholas Guarricino '18, Hannah Nguyen '19 and Professor Neel Smith, College of the Holy Cross; Sponsor: Professor Rhys Townsend)

Women's and Gender Studies

123. *Beyond Binaries: Queerness as Transcendence*. Margaret E. Foster '18. (Sponsor: Professor Jennifer Plante)

OTHER EVENTS AND DISPLAYS

GODDARD LIBRARY

Rare Book Open House (in collaboration with Fordyce Williams, Archives Coordinator; Sponsor: Professor Meredith Neuman)

Rare Book room, Goddard Library, 2-4:30 pm

Visitors to the open house will have a chance to examine rare books five centuries of printing and book culture first hand.

Student presenters include: Jessica Bigelow, graduate student; Jacob Bilsky '21, Emily Buza '19, Beth Charron '19, Owen Connell '18, Mehr Gunawardena '18, Alicia Ireland '20, Melanie Jennings '19, Logan Manchester '19, Samuel Marlinga '18, James Sadowsky, '20, and Maura Weil '19.

TRAINA CENTER FOR ARTS

Studio Art Senior Thesis Exhibition: "Beg, Borrow & Steal" (Sponsor: Professor Elli Crocker)

Schiltkamp Gallery/Traina Center for the Arts

Opening Reception: April 25th, 2018; 4:30 - 6 pm

This exhibition in the Schiltkamp Gallery/Traina Center for the Arts showcases the work of eight Studio Art majors who have undertaken thesis projects that vary in media, concept, and display.

The student artists are: Kassie Benzing-Plourde '18, Alexandra Goldrick '18, Jessica Gross '18, Autumn Perez '18, Helen Perham '18, Teide Riley-McNary '18, Mal Sklar '18, and Simon Tozer '18.

ACADEMIC SPREE DAY 2018

Sponsored by the Office of the Dean of the College

Faculty Coordinator: Professor James V. Córdova, Department of Psychology

Staff Coordinators: Deeya Mitra & Kelly Boulay, Department of Psychology

