Undergraduate Research Symposium

April 25, 2016
noon to 4:30 p.m.

College of Humanities and Social Sciences
Mason Hall, D217
George Mason University
4400 University Drive
Fairfax, VA 22030
chss.gmu.edu
SYMPOSIUM SCHEDULE

ORAL PRESENTATIONS
noon - 3 p.m.
Johnson Center, Gold Room

POSTER PRESENTATIONS
Session A: 12:30 - 2 p.m.
Session B: 2:30 - 4 p.m.
Johnson Center, Dewberry Hall

RECEPTION AND AWARDS PRESENTATION
4 p.m.
Johnson Center, Dewberry Hall

2016 Judges

Jennifer Ashley  Global Affairs
Sonia Balasch  Modern and Classical Languages
Amy Best  Sociology
Doris Bitler  Psychology
Johanna Bockman  Sociology
Lisa Breglia  Global Affairs
Joan Bristol  History
George Buzzell  Psychology
Xiaomei Cai  Communication
Linda Chrosniak  Psychology
Sam Collins  History
Mike Dickerson  Communication
Jason Dunick  Economics
Chris Elzey  History
Douglas Eyman  English
Lourdes Fernandez  English
Catherine Gallagher  Criminology, Law and Society
Rachael Graham  English
Niklas Hultin  Global Affairs
Vince Kiernan  Dean's office
Haagen Klaus  Anthropology
Michael Malouf  English
Wendi Manuel-Scott  African and African American Studies
Janna Mattson  University Libraries
Robert Matz  Dean's office
Ryan McKendrick  Psychology
Linda Merola  Criminology, Law and Society
Paula Petrick  History
Brian Platt  History
Paul Rodgers  English
JP Singh  Global Affairs
Melissa Smith  Psychology
Byunghwan Son  Criminology, Law and Society
Elizangela Storelli  History
Nawa Sugiyama  History
John Turner  English
Bethany Usher  Global Affairs
Kevin Wright  Psychology
Cathy Wright  Global Affairs
Sue Ming Yang  Sociology
Esther Yook  Sociology
Esther Yook  Religious studies
Byunghwan Son  OSCAR
Elizangela Storelli  Communication
Nawa Sugiyama  Communication
John Turner  Communication
75. **Strategically Framing Universal Human Rights Through Transnational Activism: The Normalization of Violence Against Women and LGBT Rights**  
Presenter: Steven Perlamuter, Global Affairs  
Faculty Mentor: JP Singh, Global Affairs

76. **Concordance in peer victimization-related beliefs and responses to victimization: An analysis of parents, early childhood teachers, and preservice teachers**  
Presenter: Tameka Parker, Psychology  
Faculty Mentor: Pamela Garner, New Century College

77. **The effects of excess zinc and copper deficiency on social behavior in a mouse model of late-onset Alzheimer's Disease**  
Presenter: Taylor Iobst, Neuroscience  
Faculty Mentor: Jane Flinn, Neuroscience

78. **Communication between student-athletes and faculty**  
Presenter: Victoria Doss, Communication  
Faculty Mentor: Kevin Wright, Communication

79. **Exploring Mind Wandering While Driving**  
Presenter: Steven Chong, Psychology  
Faculty Mentor: Carrol Baldwin, Psychology

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**Award Categories**

Best Overall Research and Scholarship (Oral Presentation)  
Best Overall Research and Scholarship (Poster Presentation)  
Outstanding Poster Presentation
—1:45—
An Abundance of Good Will
Presenter: Bridget Bukovich, History
Faculty Mentor: Rosemarie Zagarri, History

—2:00—
Voices of Resistance: Artistic Responses to Oppression in Cold War Latin America
Presenter: Heather Gonyeau, History
Faculty Mentor: Michele Greet, History

—2:15—
Postcolonial Implosion
Presenter: Mohammad Abou-Ghazala, Global Affairs
Faculty Mentor: JP Singh, Global Affairs

—2:30—
Defining Armed Attacks in the Context of Cyber Warfare
Presenter: Rebecca Lee, Global Affairs
Faculty Mentor: James Jones, Engineering

—2:45—
Foreign Direct Investment, Contract Enforcement, and Economic Growth: Egypt vs. Turkey
Presenter: Mariam Ghanem, Economics, Global Affairs
Faculty Mentor: Jason Dunick, Economics

—3:00—
Estimating the Genuine Progress Indicator for Russia
Presenter: Stepan Gordeev, Economics
Faculty Mentor: Jason Dunick, Economics

67. Hispanic views of identity across time and language
Presenter: Michael Evanoff, Spanish
Faculty Mentor: Jennifer Leeman, Modern and Classical Languages

68. Communicating Genetically Modified (GM) Foods
Presenter: Michael Thompson, Communication
Faculty Mentor: Kevin Wright, Communication

69. A Lost Generation: Romanian Orphans post-Ceaușescu

70. Validation of the Preschool Classroom Observation Record
Presenter: Revital Bregman, Psychology
Faculty Mentor: Timothy Curby, Psychology

71. Patterns of family burial in Mifflin County, Pennsylvania Amish Cemeteries
Presenter: Olivia Bascle, Anthropology
Faculty Mentor: Bethany Usher, Sociology and Anthropology

72. The Relationship Between Working Memory Capacity and Errors Following Interruptions
Presenter: Rod Morris, Psychology
Faculty Mentor: Cyrus Foroughi, Psychology

73. Media's Impact on Public Perception of Undocumented Immigrants
Presenter: Rodrigo Velasquez, Communication
Faculty Mentor: Kevin Wright, Department of Communication

74. The Perception of Leaders
Presenter: Sasha Pierre-Louis, Psychology
Faculty Mentor: Eden King, Psychology
59. Effects of Economic Inequality and Poverty on Terrorism  
Presenter: Kenza Jebali, Economics  
Faculty Mentor: Jason Dunick, Economics

60. Climate Change Education as a National Security Issue  
Presenter: Jordan Beauregard, Global Affairs  
Faculty Mentor: Lisa Breglia, Global Affairs

61. Immigrants’ Metastereotypes Vary by Ethnicity and Acculturation Strategies  
Presenter: Ketki Chavan, Psychology  
Faculty Mentor: Eden King, Psychology

62. Gender and environmental effects on motor skill and learning in C57BL/6J mice  
Presenter: Kevin Quant, Neuroscience  
Faculty Mentor: Caroline Neely, Psychology

63. Great Powers and Sanctioning as Signaling: The Role of the U.S. in Russia’s WTO Accession and 2014 Military Intervention in Ukraine  
Presenter: Kristian Scott, Global Affairs  
Faculty Mentor: JP Singh, Global Affairs

64. Do individual differences in domain-knowledge and working memory capacity predict interrupted reading performance?  
Presenter: Maria D’Agostino, Psychology  
Faculty Mentor: Cyrus Foroughi, Psychology

65. Changing with the Landscape: Adaptation and Jones’ and Miyazaki’s Howl’s Moving Castle  
Presenter: Mary Clare Durel, English  
Faculty Mentor: Kristin Samuelian, English

66. Choking and the Self-Concept: Cognitive and Emotional Patterns in Athletic Performance  
Presenter: Megan Eyre, Psychology  
Faculty Mentor: Michael Hurley, Psychology

1. The effect of isolation and environmental enrichment on animals’ well-beings  
Presenter: Alison Ruckstuhl, Psychology  
Faculty Mentor: Caroline Neely, Psychology, Neuroscience

2. Pacta Sunt Servanda: United States’ Compliance with International Organization for Standardization Norms and World Trade Organization Dispute Settlement Mechanisms  
Presenter: Andrew Capparelli, Global Affairs  
Faculty Mentor: Jatinder Singh, Global Affairs

3. Agency Online: The Rhetoric of Templated Web Design  
Presenter: Arthur Wesley, English  
Faculty Mentor: Kristin Samuelian, English

4. The Effect of Handling Conditions on Depressive-Like Behavior in Mice  
Presenter: Christina Lane, Neuroscience  
Faculty Mentor: Caroline Neely, Psychology, Neuroscience

5. Democratic Great Power Support for Contested Autocracy: Understanding the US Response to the Arab Spring  
Presenter: Jason Fasano, Global Affairs  
Faculty Mentor: JP Singh, Global Affairs

6. Prelinguistic Behavior in Domestic Dogs  
Presenter: Ashley Frongello, Psychology  
Faculty Mentor: Doris Bitler Davis, Psychology

7. How point of view impacts opinion on privacy and emerging police surveillance technologies: A survey-experiment  
Presenter: Ashley Markson, Criminology, Law, and Society  
Faculty Mentor: Linda Merola, Criminology, Law, and Society

8. Further Analysis on the Effectiveness of Renewable Portfolio Standards: A Replication Study  
Presenter: Francisco Garcia, Economics  
Faculty Mentor: Jason Dunick, Economics
9. Exploring International Baccalaureate (IB) Elementary School Children's Grade-Level and Gender Differences of Cross-Cultural Understanding  
Presenter: Katarzyna Piwek, Psychology  
Faculty Mentor: A. Kitsantas, Educational Psychology

10. Modern Day Slavery in the Garment Industry  
Presenter: Breanne Kroehler, Interdisciplinary Studies  
Faculty Mentor: Al Fuertes, New Century College

11. Poor, Dirty, and Weak: Poverty Levels and Support for Global Environmental Norms among Developing Nations  
Presenter: Bruno Ortega-Toledo, Global Affairs  
Faculty Mentor: JP Singh, Global Affairs

Presenter: Brynee’ Dade, Psychology  
Faculty Mentor: Reeshad Dalal, Psychology

13. Parent-Child Communication and its Effects on Future Sexual Activity  
Presenter: Caroline Moyer, Communication  
Faculty Mentor: Kevin Wright, Communication

14. The excitatory effect of temperature on the Hodgkin-Huxley model  
Presenter: Charlí A. Maldonado, Neuroscience  
Faculty Mentor: Joseph D. Pancrazio, Bioengineering

15. Patterns of Juvenile Growth and Development in Pre-Industrialized, Agricultural Communities  
Presenter: Chrysanthi Violaris, Anthropology  
Faculty Mentor: Bethany Usher, Sociology and Anthropology

16. Listening to Preferred Music Improves Creative Task Performance  
Presenter: Cameron Hatcher, Psychology  
Faculty Mentor: Deborah A. Boehm-Davis, Psychology

50. The Effect of In-group Out-group categorization on Conformity to Robotic Agents.  
Presenter: Fahad A Aloraini, Psychology  
Faculty Mentor: Eva Wiese, Psychology

51. Order of Burials in Tirup Cemetery  
Presenter: Grace Morgan, Anthropology  
Faculty Mentor: Bethany Usher, Oscar

52. Mental Imagery and Contamination Fear Reduction  
Presenter: Jackson Tarbell, Psychology  
Faculty Mentor: John H. Riskind, Psychology

53. Poetic Fiction in Medieval Rhetoric and Grammar  
Presenter: Hannah Campeanu, English  
Faculty Mentor: Kristin Samuelian, English

54. Examining the Welfare Magnet Hypothesis  
Presenter: Ian Campbell, Economics  
Faculty Mentor: Jason Dunick, Economics

55. Is playing video games related to working memory capacity?  
Presenter: Jack Belkin, Psychology  
Faculty Mentor: Cyrus Foroughi, Psychology

56. Obstacles to Democratization: The Role of Civil Society Organizations and Political Expression in China  
Presenter: James M. Williams, Global Affairs  
Faculty Mentor: JP Singh, Global Affairs

57. “Object” or “Subject”? : Examining the Female Body from Gendered Perspectives  
Presenter: Kaitlyn O’Reilly, Art History  
Faculty Mentor: Lisa Bauman, Art History

58. Neuromorphological characterization of CA1 pyramidal cells in transgenic mice with molecular partitioning of NMDAR GluN2 functional domains  
Presenter: Rachel Keith, Psychology  
Faculty Mentor: Theodore C. Dumas, Neuroscience
42. Magnitude of environmental enrichment in laboratory mice: a model of increased resilience in depressive symptom profiles
   Presenter: Alexia Webster, Psychology
   Faculty Mentor: Caroline Neely, Psychology, Neuroscience

43. tDCS to the prefrontal cortex selectively effects dual task performance
   Presenter: Ariel Kalotkin, Psychology
   Faculty Mentor: Pam Greenwood, Psychology

44. The Ethics of Robotic Warfare and the Just War Theory: Worldviews of Engineers, State, and Society for Drones to Lethal Autonomous Weapons Systems
   Presenter: Ashley Darlington, Global Affairs
   Faculty Mentor: JP Singh, Global Affairs

45. A Comparison of the Relationship of Two Types of Organizational Support with Organizational Commitment in Different Subgroups of Employees
   Presenter: Catherine Whittaker, Psychology
   Faculty Mentor: Louis C. Buffardi, Psychology

46. Romantic Style in Victorian Hardy
   Presenter: Daniel Stolz, English
   Faculty Mentor: Kristin Samuelian, English

47. The Psychological Effects of Hearing Loss on Older Adults
   Presenter: Denise Fedlan, Psychology
   Faculty Mentor: Jerome Short, Psychology

48. GMU Historic Scatter Project
   Presenter: Haley Hoffman, Anthropology
   Faculty Mentor: Justin Lowry, Sociology and Anthropology

49. Communication and Coping: The Relationship Between Personal and Familial Communication Patterns and Coping with the Death of a Nuclear Family Member
   Presenter: Eavan Kennedy, Communication
   Faculty Mentor: Kevin Wright, Communication

17. The Investigation of the Portrayal of African Americans in Television
   Presenter: Destiny Spencer, Communication
   Faculty Mentor: Kevin Wright, Communication

18. Looming Vulnerability Model and Gist-Based False Memory: Anxiety’s Influence on Recollection of Dynamic Images
   Presenter: John West, Psychology
   Faculty Mentor: John Riskind, Psychology

   Presenter: Edna McClung, English, Geography
   Faculty Mentor: M. Malouf, English

20. The Impact of School Suspensions on School Attendance, Academic Performance, Retention, and School Leaving
   Presenter: Justine Burke, Psychology
   Faculty Mentor: Adam Winsler, Psychology

21. Role of Policy and Economies of Agglomeration: Big Innovations Developing Economies – China
   Presenter: Ethan Ellert, Global Affairs
   Faculty Mentor: JP Singh, Global Affairs

22. GMU Historic Scatter Project: Surface Soil Analysis
   Presenter: Ethan V. Murdock, Anthropology
   Faculty Mentor: Justin P. Lowry, Sociology and Anthropology

23. Applying public choice principles for the common good: Resolving adverse selection and the Principal-agent problem in democratic institutions
   Presenter: Eyon Lewis, Economics
   Faculty Mentor: Jason Dunick, Economics

24. Countdown to Zero: A case study of the Guinea Worm campaign and how it led to health behavior change in vulnerable populations.
   Presenter: Hana Hanfi, Global & Community Health
   Faculty Mentor: Kathalene A Razzano, Communication
Presenter: Hannah Rowlette, Global Affairs  
Faculty Mentor: JP Singh, Global Affairs

26. **“You’re Just Not Meant For This”: An Autoethnographic Exploration of Navigating Neurodiversity and Intimate Partner Communication**  
Presenter: Jessica Rauchberg, Conflict Analysis and Resolution  
Faculty Mentor: Angela Hattery, Women & Gender Studies

27. **The Comparability of the Visual and Verbal Versions of the Inclusion of Community in Self (ICS) Scale in a Jail Sample**  
Presenter: Kaitlinn Enriquez, Psychology  
Faculty Mentor: Jeffrey Stuewig, Psychology

28. **Fair Trade For GMU**  
Presenter: Keely O’Connor, Integrative Studies  
Faculty Mentor: Al Fuertes, New Century College

29. **Factors that Contribute to the Academic Success of Low Income First Generation College Students**  
Presenter: LaDesha Batten, Psychology  
Faculty Mentor: Joseph Williams, Counseling and Development, CEHD

30. **Sectoral Changes in Foreign Direct Investment in Brazil, 1994 - 2003**  
Presenter: Maria del Rocio Barrios, Economics  
Faculty Mentor: Jason Dunick, Economics

31. **The Politics of Care: Intersections of Identity and Disability**  
Presenter: Marisa Viscal, English  
Faculty Mentor: Kristin Samuelian, English

32. **Somatic Expression of a Genetically-targeted Hybrid Optical Voltage Sensor to Improve Tracking of Neuronal Activity in Large Circuits**  
Presenter: Michelle L. Moore, Psychology  
Faculty Mentor: Theodore C. Dumas, Neuroscience

33. **The Bottleneck Model of Traffic: Behavioral Limitations**  
Presenter: Matthew Anderson, Economics  
Faculty Mentor: Jason Dunick, Economics

34. **Modern Ethno-Political Relations In Guyana**  
Presenter: Matthew Wright, Global Affairs  
Faculty Mentor: Lindsey Macdonald, Global Affairs

35. **Hooking Up in College Campuses and Gender Equality: The Graduate Student Experience**  
Presenter: MC Elias, Sociology  
Faculty Mentor: Shannon Davis, Sociology

36. **Acculturation and Ethnic Identity as They are Related to Body Dissatisfaction Through Social Media Use**  
Presenter: Sophia Yedigarian, Psychology  
Faculty Mentor: Sarah Fischer, Psychology

37. **Children of the Revolution: Impacts of the War for Independence on Youth**  
Presenter: Megan Glenn, History  
Faculty Mentor: Cynthia Kierner, History

38. **Elevated Zinc and Novel Object Recognition in a Tau Mouse Model**  
Presenter: Megan Harbour, Neuroscience  
Faculty Mentor: Jane M Flinn, Psychology

39. **The Effects of Positive and Negative Emotions in Nonprofit Advertising**  
Presenter: Rianna Rosenkranse, Communication  
Faculty Mentor: Kevin Wright, Communications

Presenter: Sofia Schersei, Criminology, Law and Society  
Faculty Mentor: Linda Merola, Criminology, Law and Society

41. **Children of Immigrants: Exploring Cultural Identity and Assimilation**  
Presenter: Valeria Sierralta, Communication, Psychology  
Faculty Mentor: Kevin Wright, Communication