



14TH ANNUAL ADELPHI RESEARCH CONFERENCE

4.25.2017

RUTH S. HARLEY UNIVERSITY CENTER

FOR MORE INFORMATION, VISIT AURC.ADELPHI.EDU.

Should you, or your guests, require an accommodation based on a disability, or need to request an ASL interpreter, please contact the Student Access Office by phone at 516.877.3806 or email at sao@adelphi.edu. Please allow for a reasonable time frame prior to the event; we suggest a minimum of five business days.



ADELPHI UNIVERSITY
NEW YORK

14th Annual Research Conference
Adelphi University, Garden City, New York

Research Conference Committee

Committee Co-Chairs

Laura E. Brumariu, Ph.D., Gordon F. Derner Institute of Advanced Psychological Studies

Matthew Wright, Ph.D., Department of Physics

Committee Members

Virginia Bruchhauser, Office of Research and Sponsored Programs

Mary Cortina, Ph.D., Office of Research and Sponsored Programs

William Jacobowitz, Ed.D., College of Nursing and Public Health

Melissa Randazzo, Ph.D., Communication Sciences and Disorders

Annette Uvena, Office of Academic Services and Retention

Melissa Van Alstine-Parris, Ph.D., Department of Chemistry

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WELCOME

Dear Guests,

Adelphi University's 14th Annual Research Conference is proof of Adelphi University's ongoing commitment to outstanding scholarship and creative works. Faculty and students worked collaboratively in their scholarly endeavors. They established their research goals and designed fascinating studies. Today, they present their impressive achievements.

This conference continues to offer both faculty and students a stage to display their scholarship. The conference also serves to inspire those who wish to engage in research and scholarly explorations in the future. Congratulations to all of our participants and their faculty advisers.

Conference submissions are thought-provoking and diverse. The variety of disciplines represented—spanning from the arts and humanities to the sciences and social sciences—is evidence of Adelphi's thriving academic environment and commitment to excellence. Students and faculty are actively engaged in the process of addressing novel questions and undertaking complex projects in their fields of study. We are excited to announce the addition of new sessions to our ever-growing research conference: Computer Science and Game Development exhibition and the Literature Reading session.

This conference would not have been possible without the tireless efforts of the Research Conference Committee, who worked diligently and effectively to create this event. Congratulations to our students and advisers for their excellent contributions and to the faculty and reviewers, who have given selflessly of their time on behalf of their students. Special thanks to the Office of the Provost, the Office of Research and Sponsored Programs, and the faculty for their support. I thank and applaud all the participants and supporters of this conference, and encourage us all to continue to maintain high standards of scholarship and creative works as we explore new areas for future research.

Laura E. Brumariu, Ph.D.

Assistant Professor, Gordon F. Derner Institute of Advanced Psychological Studies

Matthew Wright, Ph.D.

Assistant Professor, College of Arts and Sciences, Department of Physics

KEYNOTE SPEAKER

Leonard LaPointe, Ph.D.

*Francis Eppes Distinguished Professor of Communication Science and Disorders,
Florida State University*

Leonard LaPointe, Ph.D., was raised in the railroad village of Channing, in Michigan's Upper Peninsula, and received his bachelor's degree from Michigan State University and his master's and doctoral degrees from the University of Colorado.

He chaired the Department of Speech and Hearing Science at Arizona State University for nine years. He currently occupies an endowed distinguished professor chair, the Francis Eppes Distinguished Professor of Communication Science and Disorders, at Florida State University in Tallahassee. He is on the faculty of the College of Medicine and in the Program in Neuroscience at Florida State University. He served as annual visiting professor in the School of Health Rehabilitation Sciences at the University of Queensland, Brisbane, Australia, for 10 years and has served as a visiting research professor at the University of Hong Kong and an Erskine Fellow at the University of Canterbury in Christchurch, New Zealand, and at Mahidol University Medical School in Bangkok, Thailand. His research focus is in the area of neurological disorders of communication and cognition. He was founding editor and editor-in-chief for 21 years of the *Journal of Medical Speech-Language Pathology*.

Dr. LaPointe has authored or co-authored 12 books, 40 book chapters and more than 100 journal articles, and has presented more than 400 papers, lectures and invited workshops in the United States, the former Soviet Union, several countries in Europe, Japan, Hong Kong, Korea, Australia, New Zealand, Singapore, Thailand, Taiwan, The People's Republic of China, and the South American countries of Colombia, Argentina and Brazil. He was recently named a distinguished alumnus of both Michigan State University and the University of Colorado.

PARTICIPATING ADVISERS

- Wahiba Abu-Ras**, Social Work
- Anagnostis Agelarakis**, Anthropology
- Argiro Agelarakis**, Anthropology
- Hannah Smith Allen**, Art and Art History
- Cindy Arroyo**, Communication Sciences and Disorders
- Dana Battaglia**, Communication Sciences and Disorders
- Judith Baumel**, English
- Roni Berger**, Social Work
- Robert Bornstein**, Psychology
- Sidney Boquiren**, Music
- Laura E. Brumariu**, Psychology
- Melanie Bush**, Sociology
- Jean Lau Chin**, Psychology
- Beth Christensen**, Environmental Studies
- Martha Cooley**, English
- Jonna Coombs**, Biology
- Peter Costello**, Communications
- Margaret Cox**, Nursing and Public Health
- Steven Cox**, Communication Sciences and Disorders
- Diane Davis**, Communication Sciences and Disorders
- Michael D'Emic**, Biology
- John Doohar**, Physics
- Jennifer Durham**, Psychology
- Dominic Fareri**, Psychology
- Katherine Fiori**, Psychology
- Dale Flashner**, Art and Graphic Design
- Carson Fox**, Art
- Kermit Frazier**, English
- Aaren Freeman**, Biology
- Akhtar Ghassemi**, Nursing and Public Health
- Anne Gibbone**, Exercise Science
- Salvatore Giunta**, Mathematics and Computer Science
- Jerold Gold**, Psychology
- Robert Goldfarb**, Communication Sciences and Disorders
- Margaret Gray**, Political Science
- Geoff Grogan**, Art and Art History
- Clarilee Hauser**, Nursing and Public Health
- Alexander Heyl**, Biology
- Denise Hien**, Psychology
- Katherine Hill**, English
- Lawrence Hobbie**, Biology
- David Hornung**, Art and Art History
- Chang-Il Hwang**, Cold Spring Harbor
- Ivan Dempsey Hyatt**, Chemistry
- Jacqueline Johnson**, Sociology
- Lawrence Josephs**, Psychology
- Reem Khamis-Dakwar**, Communication Sciences and Disorders
- Jessica Klein**, Sociology and Criminal Justice
- Irene Kling**, Communication Sciences and Disorders
- Anna Konstantatos**, Anthropology
- Kathryn E. Krasinski**, Anthropology
- Stephanie Lake**, Sociology and Criminal Justice

- Traci Levy**, Political Science
- Jennifer Maloney**, Art and Art History
- Maria-Pilar Martin**, Nursing and Public Health
- M. Joy McClure**, Psychology
- Kevin Mercier**, Exercise Science
- Laura Messano**, Management, Marketing and Decision Sciences
- Michael Moore**, Psychology
- Maya Muratov**, Art and Art History
- Florence Myers**, Communication Sciences and Disorders
- Maria C. Nagan**, Chemistry
- Michael O'Loughlin**, Education
- Jacqueline Olvera**, Sociology and Criminal Justice
- Ohiro Oni-Eseleh**, Social Work
- Robert Otto**, Exercise Science, Health Studies, Physical Education and Sport Management
- Elizabeth Palley**, Social Work
- Subadra Panchanadeswaran**, Social Work
- David Parkin**, Chemistry
- Karen Parish Autry**, Career Services
- John Petrizzo**, Exercise Science, Health Studies, Physical Education and Sport Management
- Rowland Ramdass**, Nursing and Public Health
- Melissa Randazzo**, Communication Sciences and Disorders
- Ulrich Rosa**, Nursing and Public Health
- Alan R. Schoenfeld**, Biology
- Yula Serpanos**, Communication Sciences and Disorders
- Ana Simon-Alegre**, Languages, Literatures and Cultures
- Carolyn Springer**, Psychology
- Lee Stemkoski**, Computer Science
- Brian J. Stockman**, Chemistry
- Branden Stone**, Mathematics
- Aram Stump**, Biology
- Devin Thornburg**, Education
- Calin Trenkov-Wermuth**, Levermore Global Scholars Fellow
- David A. Tuveson**, Cold Spring Harbor
- Sonia M. Underwood**, Florida International University
- Melissa Van Alstine-Parris**, Chemistry
- Eugenia Villa-Cuesta**, Biology
- Thomas Virgona**, Computer Science
- Shaohui Wang**, Mathematics and Computer Science
- Andrea Ward**, Biology
- Heather Waters**, Music
- Igor Webb**, English
- Benjamin Weeks**, Biology
- Joel Weinberger**, Psychology
- Justyna Widera-Kalinowska**, Chemistry
- Matthew Wright**, Physics
- Bryan T. Wygal**, Anthropology
- John Wygand**, Exercise Science, Health Studies, Physical Education and Sport Management
- Cristina Zaccarini**, History
- Kirsten Ziomek**, History

FACULTY REVIEWERS

Argiro Agelarakis, Anthropology

Deborah Ambrosio-Mawhirter, Nursing and
Public Health

Dana Battaglia, Communication Sciences
and Disorders

Sean Bentley, Physics

Charles Cal, Nursing and Public Health

Craig Carson, English

Joseph Celentano, Management, Marketing
and Decision Sciences

Jean Lau Chin, Psychology

Steven Cox, Communication Sciences
and Disorders

Michael D'Emic, Biology

Corinne Donovan, Education

John Drew, Communications

Dominic Fareri, Psychology

Matthias Foellmer, Biology

Nathan George, Psychology

Akhtar Ghassemi, Nursing and Public Health

Stephen Goldberg, Chemistry

Daniel Haughie, Nursing and Public Health

Beth Heydemann, Nursing and Public Health

Alexander Heyl, Biology

Jonathan Hiller, Languages, Literatures
and Cultures

Mark Hilsenroth, Psychology

Lawrence Hobbie, Biology

Reem Khamis-Dakwar, Communication
Sciences and Disorders

Hanna Kim, Anthropology

Pamela Koehler, Art and Art History

Kathryn E. Krasinski, Anthropology

Jennifer Maloney, Art and Art History

M. Joy McClure, Psychology

Andrea McCrink, Nursing and Public Health

Ditsapelo McFarland, Nursing and
Public Health

Laura Messano, Management, Marketing and
Decision Sciences

Michael Moore, Psychology

Subadra Panchanadeswaran, Social Work

Laura Quiros, Social Work

Maureen Roller, Nursing and Public Health

Elaine Sands, Communication Sciences
and Disorders

Christopher Saucedo, Art and Art History

Alan Schoenfeld, Biology

Brian J. Stockman, Chemistry

Devin Thornburg, Education

Melissa Van Alstine-Parris, Chemistry

JoAnn Victor-Fassman, Nursing and
Public Health

Heather Waters, Music

Justyna Widera-Kalinowska, Chemistry

14TH ANNUAL RESEARCH CONFERENCE

ADELPHI UNIVERSITY, GARDEN CITY, NEW YORK

CONFERENCE SCHEDULE

REGISTRATION AND BREAKFAST	8:45 A.M.–9:10 A.M.
Ruth S. Harley University Center	
WELCOME	9:10 A.M.–9:30 A.M.
Ruth S. Harley University Center, Room 203	
Laura E. Brumariu, Ph.D. , Conference Co-Chair	
Christine M. Riordan, Ph.D. , President	
EPOSTERS	9:30 A.M.–1:00 P.M.*
Ruth S. Harley University Center, Room 203	
*Please note that there will be three 60-minute sessions; specific ePoster assignments can be found in the program:	
Section A: 9:30 a.m.–10:30 a.m.	
Section B: 10:40 a.m.–11:40 a.m.	
Section C: 11:50 a.m.–12:50 p.m.	
ORAL PRESENTATIONS	9:30 A.M.–1:00 P.M.*
Ruth S. Harley University Center, Rooms 211 to 216, and 313	
*Please note that there will be three 60-minute sessions; specific room assignments can be found in the program:	
Section A: 9:30 a.m.–10:30 a.m.	
Section B: 10:40 a.m.–11:40 a.m.	
Section C: 11:50 a.m.–12:50 p.m.	
LUNCH AND KEYNOTE ADDRESS	1:00 P.M.–2:00 P.M.
Ruth S. Harley University Center, Room 203	
Reviewers' Lunch , Ruth S. Harley University Center, Charter Room 210	
Speaker Introduction: Sam L Grogg, Ph.D. , Interim Provost and Executive Vice President	
Keynote Address: Leonard LaPointe, Ph.D.	
AWARDS CEREMONY	2:00 P.M.
Ruth S. Harley University Center, Room 203	
Laura E. Brumariu, Ph.D. , Matthew Wright, Ph.D. , and Sam L Grogg, Ph.D.	

Full abstracts for all presentations can be found on our website at academics.adelphi.edu/auroc

SCHEDULE OF SESSIONS—OVERVIEW

SECTION A: 9:30 A.M.–10:30 A.M.

ePosters

- Session 1: Physical Sciences and Mathematics I, undergraduate division, Ruth S. Harley University Center (UC), Room 201
- Session 2: Life Sciences I, graduate and undergraduate divisions, UC, Room 201

Oral Presentations

- Session 3: Multidisciplinary I, undergraduate division, UC, Rooms 213 and 214
- Session 4: Nursing and Health Care I, graduate and undergraduate divisions, UC, Room 215
- Session 5: Social Sciences I, graduate and undergraduate divisions, UC, Room 216
- Session 6: Social Sciences II, graduate and undergraduate divisions, UC, Room 313
- Session 7: Social Work I, graduate division, UC, Rooms 211 and 212

Computer Science and Game Development Exhibition

- Session 8: Computer Science and Game Development Exhibition I, undergraduate division, UC, lobby

SECTION B: 10:40 A.M.–11:40 A.M.

ePosters

- Session 9: Psychology I, graduate and undergraduate divisions, UC, Room 201
- Session 10: Nursing and Health Care II, graduate and undergraduate divisions, UC, Room 201

Oral Presentations

- Session 11: Physical Sciences and Mathematics II, undergraduate division, UC, Rooms 211 and 212
- Session 12: Humanities I, undergraduate and graduate divisions, UC, Rooms 213 and 214
- Session 13: Life Sciences II, undergraduate division, UC, Room 215
- Session 14: Art and Art History I, undergraduate division, UC, Room 216
- Session 15: Multidisciplinary II, graduate and undergraduate divisions, UC, Room 313
- Session 16: Social Sciences III, graduate and undergraduate divisions, Hagedorn Hall of Enterprise, Room 108
- Session 17: Computer Science and Game Development Exhibition II, undergraduate division, UC, lobby

Art Exhibit Poster Session

- Session 18: Art Exhibit Poster Session I, undergraduate division, UC, atrium

Literature Reading Session

- Session 19: Literature Reading Session I, undergraduate and graduate divisions, UC, Fireplace Lounge

SECTION C: 11:50 A.M.–12:50 P.M.

ePosters

- Session 20: Multidisciplinary III, graduate and undergraduate divisions, UC, Room 201
- Session 21: Social Sciences IV, graduate and undergraduate divisions, UC, Room 201
- Session 22: Art and Art History II, graduate and undergraduate divisions, UC, Room 201
- Session 23: Humanities II, undergraduate division, UC, Room 201

Oral Presentations

- Session 24: Psychology II, graduate and undergraduate divisions, UC, Rooms 211 and 212
- Session 25: Life Sciences III, undergraduate division, UC, Rooms 213 and 214
- Session 26: Physical Sciences and Mathematics III, undergraduate division, UC, Room 215
- Session 27: Social Work II, undergraduate division, UC, Room 216
- Session 28: Life Sciences IV, graduate and undergraduate divisions, UC, Room 313

Computer Science and Game Development Exhibition

- Session 29: Computer Science and Game Development Exhibition III, undergraduate division, UC, lobby

Art Exhibit Poster Session

- Session 30: Art Exhibit Poster Session II, undergraduate division, UC, atrium

NOTE: *Journal for a Changing World*, a student-led journal publishing student research and scholarship with faculty oversight, will be presented in ePoster section A, poster number A38, and ePoster section B, poster number B61 and C39.

Full abstracts for all presentations can be found on our website, academics.adelphi.edu/aurc.

SESSION 1: PHYSICAL SCIENCES AND MATHEMATICS I**Ruth S. Harley University Center, Room 201****UNDERGRADUATE EPOSTERS**

Alexander Aragon, Tara Pena and Tanner Grogan	<i>Molecular Dynamics Analysis of Water Binding in the Human Immunodeficiency Virus Type-1 Rev Response Element</i>	A1
James St. John	<i>Investigation of quantum interference in spontaneous emission in an atomic gas with a single pulsed laser light</i>	A2
Yuhao Qiao	<i>Let the Snowflake Grow!</i>	A3
Basil Spanopoulos	<i>Air Flow Patterns and Particle Dynamics in Spouted Bed Reactors</i>	A4
Ezer Castillo and Veronica Grebe	<i>Synthesis and characterization of a conductive polymer hydrogel for electrochemical sensor applications</i>	A5
Lani Chau and Eglá Ochoa-Madrid	<i>Creating an Interactive Video Vignette on the Topic of Torque</i>	A6
David Vaughans	<i>Characterization of Arginine-Rich Binding in Protein-RNA Interactions</i>	A7
Dominique Tricarico	<i>Nuclear Magnetic Resonance Spectroscopy of Modified Ribonucleosides</i>	A8
Navindra David	<i>Synthesis of Cycloheptatrienylidene Substituted Fluorophores</i>	A9
Zaafir Dulloo and Hanan Kabir	<i>Synthesis of benzimidazole derivatives and testing of their inhibitory effect on the enzyme uridine nucleoside ribohydrolase</i>	A10
Marly Medard	<i>Synthesis of Cycloheptatrienylidene</i>	A11
Cyrus Mowdawalla and Faiz Ahmed	<i>To investigate a novel method of coupling two sp³ carbons utilizing hypervalent iodine and sequential transmetallations</i>	A12

SESSION 2: LIFE SCIENCES I

Ruth S. Harley University Center, Room 201

GRADUATE EPOSTERS

Richard Sejour	<i>SIRT4 regulates the rapamycin-mediated reduction of in vivo oxygen consumption in Drosophila</i>	A13
Shelby Stoner	<i>Effects of Acute Cupping Therapy on Balance, Flexibility and Muscular Strength</i>	A14

UNDERGRADUATE EPOSTERS

Sabrina Catanese	<i>Bone Development at the Cellular Level</i>	A15
Lauren Spiegel	<i>The effect of salinity on Loxothylacus panopei nauplii mortality</i>	A16
Katya Garashchenko	<i>Analyzing Heavy Metal Resistance in Bacteria from New York and New Hampshire Estuary Sediments</i>	A17
Alexa Catalano	<i>The Characterization of Mammalian Body Mass Evolution Through the Cretaceous Period</i>	A18
Alissa Schurr	<i>Analysis of the relationship between atypical PKC (aPKC) and VHL-mediated cellular phenotypes in 786-O cells</i>	A19
Kiet Pham	<i>Synthesis of Dimethyl-2-(but-3-en-1-yl)-malonate for the Reaction with Hypervalent Iodonium Alkynyl Triflate (HIAT) to form Trimethylenemethane (TMM)</i>	A20
Tiffany Scotto	<i>Drosophila melanogaster and Insecticide Resistance</i>	A21
Brianna Pluchino and Amanda Iacometta	<i>The beneficial effects caffeine has on mitochondrial pathologies in the sdhB ey12081 strain of Drosophila melanogaster</i>	A22
Valerie Fiore	<i>Fecal Coliforms and Enterococci Bacterial Analysis of Oyster Bay/Mill Neck/Cold Spring Harbor Watershed</i>	A23
Kirandeep Kaur	<i>Synthesis of Cycloheptatrienylidene with Vinyltriphenylphosphonium Bromide</i>	A24
Navindra Tajeshwar	<i>Effect of Plant Hormone Cytokinin on the Growth of the Green Algae Chlorella vulgaris</i>	A25
Payal Patel and Samantha Muellers	<i>The Effects of Classical Conditioning on Color Memory Retention in Drosophila melanogaster</i>	A26
Danielle Grushkovskiy	<i>The transgenerational effects of rapamycin on metabolic processing within Drosophila melanogaster</i>	A27
Angelica Leonardo	<i>Synthesis of benzimidazole derivatives for uridine nucleoside ribohydrolase targeting</i>	A28
Alexandra Henaghan and Himlir Louima	<i>Lethal concentration of malathion on the crabs Hemigrapsus sanguineus and Panopeids</i>	A29
Kelly Hiersche	<i>Relative Current Contributions to the Driver Potentials of Large Cells in the Crustacean Cardiac Ganglion</i>	A30
Shannon Auletta, Wagma Caravan, Julia Persaud and Rachel Colvin	<i>Screening of Fragments for the Inhibition of Uridine Nucleoside Hydrolase</i>	A31
Fernanda Murillo	<i>Study of the effect of varying magnetic field conditions on Drosophila</i>	A32
Loma Dave and Kim Da Yeon	<i>Development of Hypervalent Iodine Reactions</i>	A33
Elizabeth Mardakhayeva	<i>Determining Formation Times and Daily Incremental Line Thickness in the Carnivorous Dinosaur Majungasaurus</i>	A34
Juliana Gonzalez, Abinash Kaur and Vital Sapojnikov	<i>Identifying Inhibitors for Adenosine/Guanine Preferring Nucleoside Ribohydrolase Trichomonas vaginalis</i>	A35
Monika Mikolajczak	<i>Rapamycin's Effect on Mitochondrial Metabolic Pathways Is Dependent on the Presence of Dietary Proteins in Different Strains of Drosophila melanogaster</i>	A36
Vanesa Martinez and Erin Taub	<i>The Native Eurypanopeus depressus Mud Crab Is More Inhibited by Malathion Exposure Than the Invasive Hemigrapsus sanguineus and the Native Rhithropanopeus harrisi</i>	A37

SESSION 3: MULTIDISCIPLINARY I

Ruth S. Harley University Center, Rooms 213 and 214

UNDERGRADUATE ORAL PRESENTATIONS

Michelle Rappa, Antoine Delalamo and Josuely Vicioso	<i>Equal Pay Is the Right Way</i>
Monroe Marshall	<i>Addiction and the Human Brain</i>
Lauren Mangiafreno	<i>Food as Art, Art as Food</i>
Olivia Fohsz, Brandon Buono and Gabriella Alaimo	<i>Getting Involved: Research on Leadership Opportunities and Success Outcomes in College Students</i>
Duke Bancic, Estelle Miller and Amir Dhirami	<i>Food and Longevity</i>

SESSION 4: NURSING AND HEALTHCARE I

Ruth S. Harley University Center, Room 215

GRADUATE AND UNDERGRADUATE DIVISIONS

Isabella Valadares	<i>Early discharge post angioplasty</i>
Rose Bazile	<i>Benefits of non-polluting stoves on Maternal and Child Health in Haiti</i>
Stella Uwechia	<i>Is E-prescribing Succeeding in the Fight Against Medication Errors in Hospital Settings?</i>
Okechukwu Ogbutor	<i>The Association between African American Men and Homophobia and Its Influence on Their Attitudes Toward Colorectal Cancer Screenings</i>
Patrick O'Connell, Stacy Dalaoiaand and Clova Crisp	<i>Psychological Impact of Diabetes Awareness and Improving Self-Management</i>

SESSION 5: SOCIAL SCIENCES I

Ruth S. Harley University Center, Room 216

GRADUATE AND UNDERGRADUATE DIVISIONS

Luke Colle	<i>The Philosophical Greatness & Disappointing Reality of Minimum Wage Reform</i>
Christina DeBlasio	<i>Religious Lies and Superstitions: The Loss of Knowledge and Women Healers During the Middle Ages</i>
Raquel Adler	<i>Exploring the Role of Race within the Immigration Influx in Italy and the United States</i>
Omar Alem and Vlada Seminaga	<i>The Financial Crimes of the 20th Century</i>
Chitralekha Kar and Stefan	<i>How Robert B. Willumstad School of Business prepares students for professional world</i>

SESSION 6: SOCIAL SCIENCES II

Ruth S. Harley University Center, Room 313

GRADUATE AND UNDERGRADUATE DIVISIONS

Laura Jacobson and Lynne Hundhammer	<i>Effective Preservation of Skeletal Remains and Conservation Efforts in Crete, Greece</i>
Matt Klein, Scott Goldsmith, Brett Campos and Kamal Dhillon	<i>NFL crimes and how it affect their careers</i>
Tamar Epps	<i>Gender, Delinquency, and Education</i>
Kyle Maddock	<i>A College Student's Cheat Sheet to Long-term Goal Setting</i>
Pedro Izquierdo	<i>The Failed Anti Corrupt Policies of Pena Nieto</i>

SESSION 7: SOCIAL WORK I

Ruth S. Harley University Center, Rooms 211 and 212

GRADUATE DIVISION

Francine Frey	<i>The Lived Experience of Women Post-Incarceration</i>
Joanna Contreras-Schwartz	<i>Workplace Violence in Substance Abuse Settings: Experiences of Social Workers and Implications for Policy and Practice</i>
Sarah Avery	<i>Post-Trump-Stress-Disorder (PTSD): Decreasing Social Isolation and Promoting Social Justice for Muslim Americans</i>

SESSION 8: COMPUTER SCIENCE AND GAME DEVELOPMENT EXHIBITION I

Ruth S. Harley University Center, lobby

UNDERGRADUATE DIVISION

Jeanenne Campbell	<i>The Legend of Zelda: Hylian Destiny</i>
Hankyol Cho	<i>Adventure of Corki</i>
Jack Demm, Natalie Sequeira and Robert Monteleone	<i>Arcade Cabinet</i>
Joseph Koehler	<i>Roleplaying Card Game</i>
Evan Leider and Mathew Mallory	<i>Video Games and Eye-Tracking Interfaces</i>

SESSION 9: PSYCHOLOGY I

Ruth S. Harley University Center, Room 201

GRADUATE DIVISION

Tingyun Tseng	<i>Experiences of Taiwanese Immigrants in the United States</i>	B1
Fallon Kane	<i>Interpersonal dependency and therapeutic outcome: A meta-analytic review</i>	B2
Joanna Hurley	<i>Disorganization in adolescence: Contribution of mother-adolescent role-confusion to adolescent depressive symptoms</i>	B3
Eric Homburger	<i>How Relationships in Sport Between Athletes, Teammates and Coaches, Impact on the Field Behavior</i>	B4
Yocheved Keren	<i>An Investigation of PTSD Among Military Veterans Exposed to Combat</i>	B5
Ayaralisy Marte	<i>Perceptions of Video Games</i>	B6
Ayako Nakashita	<i>Establishment of Self-Esteem: Differences Between American and Japanese Female Students</i>	B7
Danielle Polumbo-Miller	<i>Attitudes Toward Marriage and Parental Divorce</i>	B8
Amanda Goodwin	<i>Relationship of the Age of Trauma Exposure and Psychological Well-Being</i>	B9
Nixza Sabalier Lebron	<i>Be Yourself: Authenticity in Dating</i>	B10

UNDERGRADUATE EPOSTERS

Sabatina Mauro	<i>Personality Style and Mate Retention</i>	B11
Theresa Santos	<i>Music and Emotion</i>	B12
Eboney Nedd	<i>The Effects of Social Exclusion on Risky Decision Making</i>	B13
Jenisa Caban	<i>Sex Bias in Personality Disorders</i>	B14
Tristan Baharally, Hajjera Cheema, Alexandria Fischetti, Fahesa Francois, Angela Schickling, Sheriva Shavuo, Victoria Silva and Ashley N. Worthey	<i>Research Showcase: Student Projects from Practicum in Experimental Psychology (398-001) FALL 2016</i>	B15
Tiffany Dethwick, Kayla Attlio, Alexandra Apuzza, Tiffany Aupont, Kristina Borchers, John Ferrigno, Casey Fordham, Jacqueline Jahelka, Victoria Khaimova, Jessica Lund, Amanda Oliveira, Ekaterina G. Orlic, Rosina G Prisco, Liana Rodriguez, Russel Onica, Jessica M Samuels, Kerrilyn C Surdi, Jessica Targonski and Ryan S Tuccillo	<i>Investigative Panthers: Student Projects from Practicum in Experimental Psychology (398-004) SPRING 2017</i>	B16
Fernando Krause	<i>A Comparison Between Brazilians and Americans on the Relationships Among Emotion-Regulation, Coping and Life Satisfaction.</i>	B17
Angela Schickling	<i>The Relationship Between Birth Order and Attachment Security</i>	B18
Samantha Shay and Kathryn R. Giuseppone	<i>Parenting, Emotion Socialization Strategies, and Children's Conduct Problems</i>	B19
Tina Beahm	<i>Consumer Health Knowledge: Does It Affect the Quality of Life?</i>	B20
Guilise Gondre	<i>Participatory Action Research: Increasing Graduation Rates in Marginalized Populations</i>	B21
Haiyi Tang	<i>Influence of Acculturation on Asian-American Rorschach Response Styles</i>	B22
Sarah Mace-Rodon	<i>The relationship between unconscious thoughts on a college major and academic success in that major</i>	B23

SESSION 10: NURSING AND HEALTH CARE II

Ruth S. Harley University Center, Room 201

GRADUATE EPOSTERS

Angela Polloni and Kristina Karouzakis	<i>The Relationship Between Audiovisual Integration and Phonemic Awareness in Dyslexia: An EEG Research Proposal</i>	B24
Jessica Kiesel, Shayna Hardy and Courtney Lewis	<i>EEG Investigations of Auditory Processing in Aphasia: A Research Proposal</i>	B25
Danielle Montano	<i>Socioeconomic status and obesity</i>	B26
Kristen Amato	<i>Stuttering: Quality of Life Issues and the Role of Support Groups</i>	B27
Constantino Tsagalas	<i>What are the health benefits of regular physical activity amongst women between the ages of 18-50?</i>	B28
Chikage Zukof	<i>Acoustic Changes Following Nine Months of Voice Modification with a Male-to-Female Transgender Speaker</i>	B29
Danielle Kossack and Amanda Lemke	<i>Title: Neurophysiological Indices of Phonological Representation in Adults Who Stutter: A Research Proposal</i>	B30
Oren Abramowitz	<i>Theory of Mind in TBI: A Research Proposal for EEG Investigation</i>	B31

UNDERGRADUATE EPOSTERS

Geena Bruno	<i>EEG Evidence for Audio-Visual Speech Perception Deficits in Parkinson's Disease: A Research Proposal</i>	B32
Stefani Cassidy and Susan M. DeMetropolis	<i>Neurophysiological indices of semantic memory in individuals with early-stage Alzheimer's disease versus healthy aging</i>	B33
Anne McLoughlin, Roksana Isakharova, Sumra Khan, Jacqueline Rincon and Jennifer Sidoti	<i>How the Universal Protocol Impacts the Incidence of Wrong Site Surgeries</i>	B34
Kimberly McNicholl and Kristina Karouzakis	<i>Listener Perception of Electrolaryngeal Speech</i>	B35
Alicia Chester	<i>Coordination in Primary Care: The Case for the Registered Nurse</i>	B36
Hank Oppenheimer, Kemeisha Patterson, Shavene Pusey, Inessa Borukhova and Howard Warkow	<i>Peripheral IV Catheter Replacement Methods to Decrease Phlebitis Rates</i>	B37

SESSION 11: PHYSICAL SCIENCES AND MATHEMATICS II

Ruth S. Harley University Center, Rooms 211 and 212

UNDERGRADUATE ORAL PRESENTATIONS

Nicholas DeMarco	<i>Complex Roots</i>
Marisa Masi	<i>Chemical Combinatorics</i>
Tara Pena, James St. John and Tanner Grogan	<i>Investigation of quantum interference in spontaneous emission in an atomic gas with a single pulsed laser light</i>
Eammon Hart	<i>Flow Free: Minimal Unique Flows</i>

SESSION 12: HUMANITIES I

Ruth S. Harley University Center, Rooms 213 and 214

GRADUATE AND UNDERGRADUATE ORAL PRESENTATIONS

Richard Sejour	<i>Spiritualism: the medium for women's rights and abolition</i>
Kindeya Chiaro	<i>The War on Drugs: A Rawlsian Criticism of U.S. Mass Incarceration</i>
Anthony Kissoon	<i>Zagreb indices on the R-operations of graphs</i>
Matthew Koprowski	<i>Terence McKenna: A New Model of Spirituality</i>
Jamie Ahrens	<i>Peru, Disabilities, and the People</i>
Hailey Peterson	<i>Slaving Away Over a Bible: Forms of African American Spirituality</i>

SESSION 13: LIFE SCIENCES II

Ruth S. Harley University Center, Room 215

UNDERGRADUATE ORAL PRESENTATIONS

Sarah Elkayam	<i>Cytokinins and LSH3</i>
Nyeesha Garnett	<i>The Effect of Different Environments on the Maximal Force Production during Locomotion in an Elongate Species</i>
Rahanna Khan	<i>Morphological effects of Bisphenol-A on Danio rerio</i>
Alexus A. Haddad	<i>Identifying novel tumor suppressor genes in Pancreatic Ductal Adenocarcinoma using a CRISPR/Cas9 Screening</i>

SESSION 14: ART AND ART HISTORY I

Ruth S. Harley University Center, Room 216

UNDERGRADUATE ORAL PRESENTATIONS

Casey Dowling	<i>Gods, Heroes and Egos: Constructing Aristocracy and Identities Through Private Gardens In The Italian Renaissance</i>
Sarah Liberti	<i>The Impacts of the Industrial Revolution and the Following Hundred Years on Music Education in the Twenty-First Century</i>

SESSION 15: MULTIDISCIPLINARY II

Ruth S. Harley University Center, Room 313

UNDERGRADUATE AND GRADUATE ORAL PRESENTATIONS

Dena Gassner	<i>Disability and Social Services Education: What's Missing?</i>
Stephan Steiner and Jocelyn Villacis	<i>The Origin of Evil</i>
Rachel Colvin	<i>Making Predictions and Constructing Explanations: An investigation into introductory chemistry students' understanding of structure-property relationships</i>
Rashelle Richardson	<i>Punitive Social Control of Black Americans from Convict Leasing to the Youth Control Complex</i>

SESSION 16: SOCIAL SCIENCES III

Hagedorn Hall of Enterprise, Room 108

UNDERGRADUATE AND GRADUATE ORAL PRESENTATIONS

Laura Rojas	<i>Laboring at the Loom: Explaining the Role of the Loom to Museum Visitors</i>
Mario Romero-Ramirez	<i>Is advice and consent too powerful?</i>
Raquel Warmoth, Ashley Edel, Daniel Miller, Armando Cella and Rodion Evtushenko	<i>Global Advertising</i>
Laianna Wright	<i>The Role of Race in Contemporary U.S. and Jamaican Society</i>

SESSION 17: COMPUTER SCIENCE AND GAME DEVELOPMENT EXHIBITION II

Ruth S. Harley University Center, lobby

UNDERGRADUATE DIVISION

Caitlin Lenahan	<i>Interactive Fiction</i>
Robert Monteleone	<i>Video Game Engineering</i>
Thomas Murphy	<i>Java Role Playing Game</i>
Justin Pedowitz, Robert Monteleone and Mathew Mallory	<i>Interactive 3D/VR Map of Adelphi</i>
Mateusz Piekut	<i>Augmented Reality and Game Development</i>

SESSION 18: ART EXHIBIT POSTER I

Ruth S. Harley University Center, atrium

UNDERGRADUATE DIVISION

Kerri DeLisi	<i>Paint Your Nails With Pride</i>	B50
Dakota Davis	<i>American Made Renaissance</i>	B51
Joanna Viscuso	<i>Crafting America</i>	B52
Lauren Tew	<i>Educated Consumerism</i>	B53
Molly Lemay	<i>A Toxic Product</i>	B54
Stephanie Sokolich	<i>A Reason To Celebrate</i>	B55
Emily Hagarty	<i>Industry Driven by You</i>	B56
Laura Rempel	<i>Made True Blue</i>	B57
Brianna Barberio	<i>The Domino Effect</i>	B58
Valentina Garcia	<i>Made Here to Play Here</i>	B59
Emily Georghiou	<i>Tools Are Not Toys</i>	B60

SESSION 19: LITERATURE READING I

Ruth S. Harley University Center, Fireplace Lounge

GRADUATE AND UNDERGRADUATE DIVISIONS

Jordan Rindenow	<i>Beneath the Wreckage</i>
Clara Burghelea	<i>Bilingual Poem Reading</i>
Josephine DeMarco	<i>Libraria: or, Lorelei's Library Adventures</i>
Tyler Aracena	<i>This Explains It All...</i>
Bryan Grilli	<i>On the Other Side</i>
Gabriel Calle	<i>The Ferris Wheel and The Hotdog Stand</i>
Andrew Jaus	<i>I Heard There's a Cure for Lung Cancer in Cuba</i>

SESSION 20: MULTIDISCIPLINARY III**Ruth S. Harley University Center, Room 201****GRADUATE EPOSTER PRESENTATION**

Eilean Calderon	<i>A Millennial Approach to Teaching HealthCare Education in NYC</i>	C1
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UNDERGRADUATE EPOSTERS

Ester Mirzokandova	<i>Tradition Medicine, Rituals, and Placebo Effects</i>	C2
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Brianna Delzell, Destinee Arroyo, George Sandu, Julian McBride, Gabriela Mora, Jacqueline Condon and Brittany Rogers	<i>Scientific Illustration and Technical Drawing in Physical Anthropology and Archaeology</i>	C3
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George Sandu	<i>The Protective Effects of Natural Dietary Additions on Obesity</i>	C4
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Panayotis Agelarakis and Casey Murray	<i>A discovery of two rope makers during Bronze, and Iron Age in Central Thailand</i>	C5
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Victoria Silva	<i>Archaeological Benefits of Scientific Illustration</i>	C6
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Delaney Dayoan	<i>On-campus food</i>	C7
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Kimberly Campuzano	<i>Hayao Miyazaki's Spirited Away: A Representation of Japanese Culture and Food as Represented in Art</i>	C8
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Giovanna Galante	<i>Linguistic relativity hypothesis and the study of bilingualism</i>	C9
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Ashton Wei	<i>Homophobia and Transphobia</i>	C10
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Rupanshi Garg and Payal Patel	<i>The Causative Agents and Epidemiological Ramifications of Dental Fluorosis</i>	C11
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Sierra Crook	<i>Effectiveness of Environmental Peace Building Policy</i>	C12
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Kiran Khan	<i>Traditional Medicine of Egypt and Asia</i>	C13
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Julian McBride	<i>Healing Through the Arts and Anthropology</i>	C14
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Guilise Gondre	<i>African-American Male College Student Achievement in the Context of Spirituality</i>	C15
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Jai Punjwani	<i>Fare Share: Flow and Efficiency in NYC's Taxi System</i>	C16
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Nicole Jonke	<i>The sexual objectification of women at Adelphi University</i>	C17
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Alexander Bautista, Laura Rojas and William Vincent III	<i>Native Alaskan Moose Butchering at Shaw Creek</i>	C18
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SESSION 21: SOCIAL SCIENCES IV

Ruth S. Harley University Center, Room 201

GRADUATE EPOSTER PRESENTATIONS

Jessica Verkhovsky	<i>The Effects of Caffeine on P300 Amplitude and Latency in Normal Hearing Adults</i>	C19
Imuetinyan Odigie and Carlye Gilbert	<i>Augmentative/Alternative Communication (AAC) Education and Advocacy: Enhancing Quality of Life</i>	C20
Michael Whelan	<i>The Relationship between Attitudes and Fitness Test Scores in Physical Education</i>	C21
Karena Haskoor, Julie Kovalenko and Suleika Pryce	<i>Interrelationship of social motivation and face perception in school age children with ASD</i>	C22
Britney Minutillo	<i>Psycholinguistic Study Abstract</i>	C23

UNDERGRADUATE EPOSTER PRESENTATIONS

Jess Infantino	<i>Modern Women Who Choose Not To Identify As Feminists</i>	C24
Christina DeBlasio	<i>Textile Tales: Learning about the Liberation of Ioannina, Greece, Through a Museum Display</i>	C25
Aditya Samaroo and Christopher Bhim	<i>Numerical Analysis of Glass Beads in a Driven Windfield</i>	C26
Erica Novak	<i>Cohort Study on America's Morality and Religiosity</i>	C27
Chitralekha Kar	<i>The Impact of Funding Cuts to the United Nations on US national interests</i>	C28
Jacqueline Perez	<i>Place, Economic Insecurity and Attitudes Toward Immigrants</i>	C29
Erica Mumford	<i>The African Union's Role in Western Sahara's Claim of Independence</i>	C30

SESSION 22: ART AND ART HISTORY II

Ruth S. Harley University Center, Room 201

GRADUATE EPOSTERS

Sarvin Azizgolshani	<i>Qualitative Inquiry Into The Aspirations Of African-American Parents And Children Who Experience School Difficulty</i>	C31
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UNDERGRADUATE EPOSTERS

Gabriela Mora	<i>Transaegean: Retelling the Story of Dido and Aeneas</i>	C32
Ashley Smith	<i>The Chains of Motherhood</i>	C33
Samantha Dominik	<i>Body vs. Object</i>	C34
Antonia Isnardi	<i>A Long Way From Home</i>	C35
Melanie Delach	<i>My body, your body</i>	C36

SESSION 23: HUMANITIES II

Ruth S. Harley University Center, Room 201

UNDERGRADUATE EPOSTER PRESENTATIONS

Vicky Zhao	<i>Gender Equality in China</i>	C37
Genesis Nieves	<i>After the Rain: Modern Tibetan Literature in China's Shadow</i>	C38

SESSION 24: PSYCHOLOGY II

Ruth S. Harley University Center, Rooms 211 and 212

GRADUATE AND UNDERGRADUATE ORAL PRESENTATIONS

Stephanie Ganor	<i>Attachment, Stress, and Smartphones</i>
Rachel Hartmann	<i>Risk and Resilience: Factors Influencing Posttraumatic Stress Disorder in Veterans</i>
Melissa Farsang	<i>Multiple Outcomes of the Housing First Method: A Meta-analysis</i>
Kathryn Graham	<i>The Relations of BPD-related Features with Sleep and Eating Disturbances in Adolescents</i>

SESSION 25: LIFE SCIENCES III

Ruth S. Harley University Center, Rooms 213 and 214

UNDERGRADUATE ORAL PRESENTATIONS

Samantha Muellers and Annie L. Benzie	<i>Identification of ligand efficient inhibitors of Trichomonas vaginalis adenosine/ guanosine preferring nucleoside ribohydrolase using fragment-based NMR screening</i>
Dorina Nisimova	<i>How does vertebral count affect critical swimming speed?</i>
Chinelo Nnebe	<i>Excessive or Deficient Amounts of Retinoic Acid (Vitamin A) Cause Malformations or Delays in Axolotl (Ambystoma mexicanum) Skull Development</i>
Lynne Rader	<i>Closing the gap on habitat navigation; elongate fish co-opt propulsion strategy for performing axial-based locomotion in terrestrial environments</i>

SESSION 26: PHYSICAL SCIENCES AND MATHEMATICS III

Ruth S. Harley University Center, Room 215

UNDERGRADUATE ORAL PRESENTATIONS

Veronica Grebe and Ezer Castillo	<i>Development and Characterization of Conductive Polymer Polyaniline Films and Hydrogels Modified with Tyrosinase for Detection of Phenolic Compounds</i>
Abraham Ustoyev	<i>Parameter Development of Modified Nucleosides</i>
Tian Li	<i>Accessing substituted diquinanes through trimethylenemethane intermediates via reactions of hypervalent iodonium alkynyl triflates with unsaturated nucleophiles</i>
Tanner Grogan	<i>Towards Control of Ultracold Collisions Using Frequency-Chirped Laser Light</i>

SESSION 27: SOCIAL WORK II

Ruth S. Harley University Center, Room 216

UNDERGRADUATE ORAL PRESENTATIONS

Ashley Sirna	<i>Hidden Emotions: A Study of the Reactions of Immigrants to Immigration Policies in the Current Political Climate</i>
Dena Gassner	<i>Understanding ADA Accommodation Rights for Disabled Parents in School Special Education Meetings</i>
Kari Tabag and Gary Kwok	<i>Exploration of disparities in academia: A literature review on Chinese and Filipino Americans</i>

SESSION 28: LIFE SCIENCES IV

Ruth S. Harley University Center, Room 313

GRADUATE AND UNDERGRADUATE ORAL PRESENTATIONS

Jason Shah	<i>Isolation and identification of sediment bacteria from the Town of Hempstead Passive Nature Preserve in Lido Beach, New York</i>
Zachary Sonnenberg	<i>The Negative Effects of Kava Root Extract On The Neurite Outgrowth of NGF Primed PC12 Cells In The Presence of Laminin</i>
Sabah Tariq	<i>Does metabolic rate predict performance and personality in <i>Pardosa littoralis</i> females?</i>
Rheba Sam and Emma Ryan	<i>Rapamycin as a potential treatment in alleviation of succinate dehydrogenase deficiency in <i>sdhA</i> and <i>sdhB</i> mutated <i>Drosophila</i> organismal models</i>

SESSION 29: COMPUTER SCIENCE AND GAME DEVELOPMENT EXHIBITION III

Ruth S. Harley University Center, lobby

UNDERGRADUATE DIVISION

Mateusz Piekut and Kyle Murray	<i>Cave Game</i>
Maxwell Sirotin and Steven Vascellaro	<i>Java Chess Program</i>
Andrew Viola	<i>Adventures in Questing: An Adelphi University Adventure Game</i>
Jack Demm and Natalie Sequeira	<i>Heart Beat—A Rhythm Game with Heart!</i>
Logan Saelzer	<i>Adventure Style Role Playing Game</i>
Scott Wendelken	<i>Arcade-Style Racing Game</i>

SESSION 30: ART EXHIBIT POSTER SESSION II

Ruth S. Harley University Center, atrium

UNDERGRADUATE DIVISION

Charlotte Astre	<i>Minimum Wage Across the U.S.A</i>
Lucretia Chang	<i>Silence of the Buzz</i>
Lani Chau	<i>H2O Usage in the USA Maps</i>
Alex Guerin	<i>The Map Project (Poverty).</i>
Carolina Restrepo	<i>The Map Project (Gun Violence).</i>
Alexis Camisa	<i>Disabilities Matters</i>
Miranda Balash	<i>Esperanto</i>
Victoria Macchia	<i>Wildfires Across the United States</i>
Genevieve Iglesias	<i>The Map Project (Marijuana Legalization Across the United States)</i>
Kristen Dulovic	<i>Incarceration: Reaching the Limit</i>

2016 RESEARCH DAY AWARDS

PHYSICAL SCIENCES

Undergraduate ePoster Awards

- Victoria Grover: *Study on the Deterioration and Possible Renewal of an Earth-Fill Dam*; Faculty Adviser: Dr. Matthew Wright
- Diana Chaykina and Sophia King: *Electrochemical and Photoelectrochemical Investigations of GC\Pin-5-COOH\CdS\Tyrosinase System for the Catalysis of Redox Reactions in Phenolic Compounds*; Faculty Advisers: Dr. Magdalena Osial, Dr. Justyna Widera and Dr. Krystyna Jackowska
- Donald Wunder: *Studying the porosity of polyindole*; Faculty Adviser: Dr. Justyna Widera-Kalinowska

Undergraduate Oral Award

- Eammon Hart: *Excluded Minors of Families of Graphs*; Faculty Adviser: Dr. Branden Stone
- Zachary Fallon, Megan Hoffman, Wesley Hodges and Shane Bernard: *Characterization of Arginine-Rich Binding in Protein-RNA Interactions*; Faculty Adviser: Professor Maria Nagan

Honorable Mention

Undergraduate ePoster Awards

- Tara Pena: *Raspberry Pi and Magnetic Field Readings*; Faculty Adviser: Professor Matthew Wright and Professor Eugenia Villa-Cuesta
- Tanner Grogan, Brian Kaufman and Tracy Paltoo: *Laser Frequency Stabilization of an External Cavity Diode Laser toward studying Ultracold Collisions with Frequency Chirped Laser Light*; Faculty Adviser: Dr. Matthew Wright
- Angelica Leonardo: *Synthesis of 1-methyl benzimidazole derivatives for uridine nucleoside ribohydrolase targeting*; Faculty Adviser: Dr. Melissa Van Alstine-Parris

Undergraduate Oral Presentation Awards

- Tracy Paltoo, Brian Kaufmann, Tanner Grogan: *Controlled, Pulsed Frequency Chirped Laser Light at Large Detuning*; Faculty Adviser: Dr. Matthew Wright
- Sophia King, Diana Chaykina and Le Nguyen: *Electrochemical and Photoelectrochemical Investigations of Pt\Pin\CdS System*; Faculty Advisers: Dr. Justyna Widera-Kalinowska, Dr. Magdalena Osial and Dr. Krystyna Jackowska

NURSING AND HEALTH CARE

Graduate ePoster Award

- Mina Gafary: *The Statistical Analysis of Catheter Associated Urinary Tract Infections (CAUTI) in Bladder Cancer Patients Post Cystectomy with a Neobladder: A Public Health View*; Faculty Adviser: Assistant Professor Tonya Samuel

Undergraduate ePoster Award

- Noelle Becker: *Transition processes into higher education: experiences of a student with ASD in a supportive learning environment*; Faculty Adviser: Professor Dana Battaglia

Undergraduate Oral Presentation Award

- Christie Delligatti, Inshan Alli, Veronica Kelleher, Nicole Napolitano and Ashley Perez: *Ventilator Bundles Reducing the Risk of Ventilator-Associated Pneumonia (VAP) in ICU Patients*; Faculty Adviser: Professor Edmund Pajarillo

Honorable Mention

Undergraduate ePoster Award

- Neeta Jadonath, Christine Koyithara, Genna Giordano and Lauren Bethon: *The Effects of Surgical Safety Checklists on Surgical Errors*; Faculty Adviser: Dr. Claire Hauser
- Melissa Jacob: *Examination of Transgender Health through the World Health Organization's International Classification of Functioning, Disability, and Health's Contextual Factors*; Faculty Adviser: Assistant Professor Steven Cox

Undergraduate Oral Presentation Award

- Alyssa Harper, Angela Park, Brianna Clarke and Jay Lee: *Among pediatric oncology patients, is dog therapy in comparison to art therapy better as a coping mechanism?* Faculty Adviser: Dr. Edmund Pajarillo

PSYCHOLOGY

Graduate ePoster Award

- Dennis Higgins: *Social Support and Adjustment to College Among Traditional, Non-Traditional, and Veteran Students*; Faculty Adviser: Dr. Katherine L. Fiori

Graduate Oral Presentation Award

- Colleen Bucci: *Developmental Precursors of Cognitive Abilities*; Faculty Adviser: Dr. Laura E. Brumariu

Undergraduate ePoster Award

- Laura Zaugg: *Which Dimensions of Culture Predict Attitudes Regarding Nontraditional Sexuality? A Systematic Survey of European Nations*; Faculty Adviser: Dr. Robert Bornstein

Undergraduate Oral Presentation Award

- Kathryn Graham: *BPD-like Features and Cognitive Abilities in Adolescence: A Mediation Model*; Faculty Adviser: Dr. Laura E. Brumariu

Honorable Mention

Undergraduate ePoster Awards

- Felix Azeez: *Growth Mindset and Children of Color in an Underperforming School*; Faculty Adviser: Dr. Jennifer Durham
- Sanya Masroor: *Personality Predictors of Mating Preferences*; Faculty Adviser: Dr. Lawrence Josephs
- Fallon Kane: *Unhealthy Dependency in the Victims and Perpetrators of Child Abuse: A Meta-Analytic Review*; Faculty Adviser: Dr. Robert Bornstein
- Nathalie Aguilera: *Parental Well-being in Parents of Children Diagnosed with Autism Spectrum Disorder*; Faculty Adviser: Dr. Laura Brumariu

LIFE SCIENCES

Graduate ePoster Award

- Laura Kenna: *DNMT Expression in Diabetes*; Faculty Advisers: Professor Eitan Akirav and Professor Tandra Chakraborty

Undergraduate Oral Presentation Award

- Alyssa Costa: *Elongation Enables Aquatic and Terrestrial Locomotion*; Faculty Adviser: Professor Andrea Ward

Graduate Oral Presentation Award

- Richard Sejour: *The role of SIRT4 on the Rapamycin-mediated reduction of Oxygen Consumption*; Faculty Adviser: Dr. Eugenia Villa-Cuesta

Undergraduate Oral Presentation Award

- Jason Shah: *The effects of Withania somnifera root extract on prokaryotic and eukaryotic cells*; Faculty Advisers: Dr. Jonna Coombs and Dr. Benjamin Weeks

Undergraduate ePoster Awards

- Emma Gazzara: *An investigation of the relationship between PKCE and VHL-mediated cellular phenotypes in renal cells*; Faculty Adviser: Dr. Alan Schoenfeld
- Samantha Muellers, Sierra Beck and Annie L. Benzie: *Adenosine/guanosine preferring nucleoside ribohydrolase: From flavonoids to fragments*; Faculty Advisers: Dr. Brian J. Stockman and Dr. David W. Parkin

Honorable Mention

Graduate ePoster Award

- Carlos Ballon: *Predator Cues affects mud crab consumption rates*; Faculty Adviser: Dr. Aaren Freeman

Undergraduate Oral Presentation Award

- Sierra Beck, Samantha Muellers and Annie Laurie Benzie: *Adenosine/guanosine nucleoside ribohydrolase is a distinct and druggable antitrichomonal target*; Faculty Advisers: Professor Brian J. Stockman and Professor David W. Parkin

Undergraduate ePoster Awards

- Megan Ossmann, Rahanna Khan, Ashuana Lall and Megan Velsor: *Differences in algae cover, coral bleaching, and water nutrient levels between Shark Bay and South Shore of Heron Island, Australia*; Faculty Advisers: Professor Beth Christensen, Professor Andrea Ward, Professor Aaren Freeman and Professor Matthias Foellmer
- Navindra Tajeshwar: *Effect of Plant Hormone Cytokinin on the Growth of the Green Algae Chlorella Scutata*; Faculty Adviser: Dr. Alexander Heyl

SOCIAL WORK

Graduate Oral Presentation Awards

- Nicole Delavega: *Knowledge of Community Resources as a Tool for Decreasing Re-hospitalizations Among Substance Abuse Patients*; Faculty Adviser: Dr. Regina Tracy
- Joanna Barberii: *The Ties That Bind: The Multifaceted Truth Behind Mobile Phone Technology and Social Networking Amongst Female Sex Workers in India*; Faculty Adviser: Dr. Subadra Panchanadeswaran

SOCIAL SCIENCES

Undergraduate ePoster Award

- Laura Jacobsen and Lynne Hundhammer: *Analysis of the Population of a late Minoan Burial Cave, 13-12th Century B.C.E.*; Faculty Adviser: Dr. A.P. Agelarakis

Undergraduate Oral Presentation Award

- Sebastian Souchet: *Democracy and Anarchism: Sheldon Wolin's Democratic Theory*; Faculty Adviser: Professor Tracy Levy

Honorable Mention

Undergraduate Oral Presentation Awards

- Jackyn Mancini and Karla Hernandez: *Campus Climate Survey: Student Responses to Issues of Race on Adelphi's Campus*; Faculty Adviser: Dr. Devin Thornburg
- Alexandra Wurglics: *Engaging the Visitor Through Museum Lesson Plans: A Case Study of the Heritage Museum of Epirus*; Faculty Adviser: Professor Anna Konstantatos

HUMANITIES

Undergraduate Oral Presentation Awards

- Jazmin Javier: *Cultural Resistance as a Form of Slave Rebellion in Jamaica*; Faculty Adviser: Professor Marsha Darling
- Alexandra Wurglics: *Colonial America: Traditional Women's Roles Become Wedge for Change*; Faculty Adviser: Professor Michael LaCombe

Honorable Mention

Undergraduate Oral Presentation Awards

- Conor Roan: *Byzantium and Bulgaria: How an Empire Created Its Greatest Threat*; Faculty Adviser: Professor Edward A. Reno III
- Rebecca Gotterbarn: *The Lesser Evil: Comparing the Relationship of Slaves Between the Catholic and Baptist Churches*; Faculty Adviser: Professor Cristina Zaccarini

ENVIRONMENTAL STUDIES

Graduate ePoster Award

- Catherine Stolfi, Lindsay Pacelli and Darshana Thapa: *Using Foraminifera to Study the Indonesian Throughflow (ITF) Using Pleistocene Samples from the Northwest Shelf of Australia through Oxygen & Carbon Isotopes*; Faculty Adviser: Dr. Beth Christensen

Honorable Mention

Graduate ePoster Award

- Dana Buckholz: *Classification and Species Abundance of Foraminifera in Core Samples From the Canterbury Basin IODB Expedition 317*; Faculty Adviser: Dr. Beth Christensen

ART

Undergraduate ePoster Awards

- Marissa Lucci: *Diversity in Stories*; Faculty Adviser: Professor Dale Flashner
- Maria Calakos: *United We Sign*; Faculty Adviser: Professor Dale Flashner
- Katherine Volpe: *The Color of Cityscapes*; Faculty Advisers: Professor Jennifer Maloney and Professor Kellyann Monaghan

Honorable Mention

- Meghan Cody: *Deeper Than Skin*; Faculty Adviser: Professor Dale Flashner

