

**HONORS  
WORKS-IN-PROGRESS  
COLLOQUIUM**

February 6-10, 2023

Honors College

**ADELPHI**  
**UNIVERSITY**  
NEW YORK

## Welcome from Dean Susan Dinan

Thank you very much for joining us for our Works-in-Progress Colloquium. Honors College students come from all of Adelphi's departments, and they work with faculty members to develop a research or creative project that becomes their thesis. This year-long process requires the dedicated guidance of a faculty mentor, assistance from faculty readers, and the hard work of the students. This week's presentations are progress reports; the students will present their final work at Adelphi's Scholarship and Creative Works Conference in April. The goal of the progress report is to give students the opportunity to share their research questions, methodologies, and current findings in a public forum in order to receive feedback from members of the campus community and improve their projects. Please join us in celebrating the work of our Honors students and faculty.

*The Honors College would like to thank the academic leaders at Adelphi University for their support of student research and the Honors College's thesis process:*

President Christine M. Riordan

Provost and Executive Vice President Christopher K. Storm Jr.

Dean Andy Atzert, College of Professional and Continuing Studies

Dean Jacques Barber, Gordon F. Derner School of Psychology

Dean Deborah Hunt, College of Nursing and Public Health

Dean MaryAnne M. Hyland, Robert B. Willumstad School of Business

Dean Violeta Ilik, University Libraries

Interim Dean Philip Rozario, School of Social Work

Dean Vincent Wang, College of Arts and Sciences

Dean Xiao-lei Wang, Ruth S. Ammon College of Education and Health Sciences

Professor Robert Bradley, Chair, Mathematics and Computer Science Department

Professor Margaret Cassidy, Chair, Communications Department

Professor Grace Conway, Chair, Accounting and Law Department

Professor Orion Duckstein, Chair, Dance Department

Professor Dominic Fareri, Director, Neuroscience Program

Professor Katherine Fiori, Chair, Psychology Department

Professor Aaren Freeman, Chair, Biology Department

Professor Louise Geddes, Chair, English Department

Professor Maggie Gray, Chair, Political Science Department

Professor Jacqueline Johnson, Chair, Sociology Department

Professor Kellyann Monaghan, Chair, Art and Art History Department

Professor Deborah Murphy, Assistant Dean of Undergraduate Nursing

Professor Nicholas Petron, Chair, Theater Department

Professor Edward Reno, Chair, History Department

Professor Brian Stockman, Chair, Chemistry Department

Professor Mariano Torras, Chair, Finance and Economics Department





Professor Priya Wadhera, Chair, Languages, Literatures, and Cultures Department

## WORKS-IN-PROGRESS PRESENTATIONS\*

**Monday, February 6, 2023**

**9:00 AM - 10:30 AM**




**UC Room 116-117**

	<b>Student (major)</b>	<b>Thesis Advisor</b>	<b>Tentative Thesis Title</b>
	<b>Giselle Hakimi</b> (Nursing)	Karen Mancini	The Effect of Covid-19 on the Rates and Risk Factors of Postpartum Depression
	<b>Jeanne Butler</b> (Mathematics)	Dolapo Adeniji-Neill	Utilizing Adolescent Development Stages to Enhance Mathematical Learning
	<b>Shannon Thury</b> (Nursing)	Jacqueline Johnston	The Impact of Implementing the Underused Intervention of Subglottic Suctioning to Prevent Ventilator-Associated Pneumonia in the Critically Ill Patient in the ICU
	<b>Merin Michael</b> (Mathematics)	Clara Vaz Bauler	Supporting Multilingual Learners in the Mathematics Classroom Through Translanguaging

**Monday, February 6, 2023**

**11:00 AM - 12:30 PM**

**UC Room 116-117**





	<b>Student (major)</b>	<b>Thesis Advisor</b>	<b>Tentative Thesis Title</b>
	<b>Alia Yamin</b> (Neuroscience)	Damien Stanley	How Does Implicit Race Bias Influence Working Memory?
	<b>Haley Aber</b> (Psychology)	Lawrence Josephs	Are Adverse Childhood Experiences a Potential Precursor for Destructive Overdependence in Adult Romantic Relationships?
	<b>Matthew Halpert</b> (Business)	Lawrence Hobbie	The Effect of Educating Students in Introductory and Upper-Level Biology Courses on Learning Strategies

\* Please note that this schedule is subject to last-minute changes.

Monday, February 6, 2023

1:00PM-2:30PM





UC Room 116-117

	Student (major)	Thesis Advisor	Tentative Thesis Title
	<b>Stephie Thomas</b> (Biology)	Lawrence Hobbie/ Alexander Heyl	Understanding the Evolution of Cytokinin Signaling Using a Charophyte Green Algae <i>Spirogyra pratensis</i> by Looking at the Effects of Adenine vs. KOH in the Growth Patterns of <i>Spirogyra pratensis</i>
	<b>Erica Muller</b> (Nursing)	Deborah Ambrosio- Mawhirter	Postoperative Pain Management Using Complementary and Alternative Therapies
	<b>Catherine Desiderio</b> (English)	Jan-Henry Gray	Windows of Light: A Study of Poetry's Healing Properties
	<b>Allison Reyes Gutierrez</b> (Biology)	Eugenia Villa- Cuesta	Exploring the Metabolic Effect of Rapamycin Treatment in <i>Drosophila melanogaster</i>

Tuesday, February 7, 2023

9:00 AM - 10:30 AM



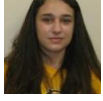


UC Room 116-117

	Student (major)	Thesis Advisor	Tentative Thesis Title
	<b>Julia Smith</b> (Interdiscip. Studies)	Hannah Allen	Collaged Light Memories: An Auto-biographical Approach to Understanding the Visual Image and the Absence of Loss
	<b>Alexi Bhattacharji</b> (Communic.)	Salvatore Fallica	One Direction Fan Fiction and the Celebrity: A Content Analysis
	<b>Frista Gradica</b> (Biochemistry)	Melissa Van Alstine-Parris	Synthesis of <i>N</i> -Substituted quinazoline-4-amine and $N^2$ , $N^4$ -disubstituted quinazoline-2, 4-diamine Derivatives as Adenosine/Guanosine Nucleoside Ribohydrolase Inhibitors in Trichomoniasis
	<b>Hannah Sharifian</b> (Biology)	Deborah Cooperstein	Implications of COVID-19 on Vitamin D Levels in School-Aged Children, Leading to Improper Growth and Development

Tuesday, February 7, 2023

3:00 PM - 5:00 PM




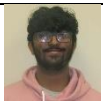
UC Room 116-117

	<b>Student (major)</b>	<b>Thesis Advisor</b>	<b>Tentative Thesis Title</b>
	<b>Sarah Baksh</b> (Acct/Mgmt)	Joseph Celentano	Total Quality Management: Its Crucial Impact on a Business-Focused World
	<b>Agustina Gentile</b> (English)	Katherine Hill	Decoding the Best-seller: The Science Behind Writing the Bestselling Novel
	<b>Gianna Melish</b> (English)	Lahney Preston-Matto	Christianity's Influence on Gendered Magic in Arthurian Legend
	<b>Jumi Kim</b> (Nursing)	Susan Zori	The Psychological Impact of the COVID-19 Pandemic on Our Critical Care Nurses
	<b>Isabelle Joffe</b> (Biology)	Lawrence Hobbie	Integration of Genetics into Undergraduate BSN Programs

Wednesday, February 8, 2023


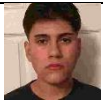


9:00 AM-10:30 AM

UC Room 116-117

	<b>Student (major)</b>	<b>Thesis Advisor</b>	<b>Tentative Thesis Title</b>
	<b>Reilly Fortune</b> (Mathematics)	Rob Bradley	A Translation of Leonhard Euler's "Sur la Vibration des Cordes"
	<b>Rene Hernandez</b> (Political Science)	Maggie Gray	The Role of US Psychological, Military and Political Operations in Destabilizing the Al-Qaeda-Taliban Relationship
	<b>Alexa Amato</b> (History)	Michael Christofferson	Unwilling Compliance: Analyzing the Role of the People within Nazi Germany
	<b>Thomas Joseph</b> (Biology)	Aram Stump	The Neuroplasticity of C. Elegans compared to the Plasticity of Higher Organisms





Wednesday, February 8, 2023 11:00 AM - 12:30 PM

UC Room 116-117

	<b>Student (major)</b>	<b>Thesis Advisor</b>	<b>Tentative Thesis Title</b>
	<b>Amy McCaffrey</b> (Neuroscience)	Nathan George	Examining How Long-term and Short-term Stress Impact Cognitive Health
	<b>Gabriel Nunez</b> (Psychology)	Nathan George	The Cognitive and Psychological Processes Behind Musical Interpretation
	<b>Prachi Shah</b> (Biology)	Alan Schoenfeld	The Mechanistic Role of pVHL in the Degradation of Alpha-5 Integrin
	<b>Rebecca Luther</b> (Sociology)	Jessie Klein	Connection and Commodification: A Postmodern Analysis of Social Media Marketing Trends

Wednesday, February 8, 2023 1:00 PM - 2:30 PM





UC Room 116-117

	<b>Student (major)</b>	<b>Thesis Advisor</b>	<b>Tentative Thesis Title</b>
	<b>Gurmilaap Singh</b> (Biology)	Justyna Widera-Kalinowska	Electrochemical and Photoelectrochemical Investigations of GC/Pin-5-COOH/CdS/Tyrosinase System
	<b>Nicholas Jin</b> (Biology)	Justyna Widera-Kalinowska	Electrochemical and Photoelectrochemical Investigations of GC/Pin-5-COOH/CdS/Tyrosinase System
	<b>Lauren Ksido</b> (Biology)	Lawrence Hobbie	Analyzing the Effect of Exam Correction Assignments on Students' Understanding in Specific Subject Areas
	<b>Casey Kozlik</b> (Biology)	Ivan Dempsey Hyatt	Can Hypervalent Iodine Be Reacted with Dimetalloids to Synthesize Macrocycles?

Thursday, February 9, 2023

9:00 AM - 10:30 AM






UC Room 116-117

	Student (major)	Thesis Advisor	Tentative Thesis Title
	<b>Amma Opam</b> (Psychology)	Jairo Fuertes	How Helpful Is Self-Help? A Critical Analysis of Its "New Age" Strain and Its Practical Benefits
	<b>Serena Gin</b> (Nursing)	Edwin-Nikko Kabigting	What Does the Extant Literature Show about Trends in Music Therapy and the Care of Patients and their Caregivers in Oncology Units?
	<b>Matthew Van Praagh</b> (Statistics)	Anil Venkatesh	How Can We Use Techniques from Data Analytics to Study Data on Music Listener Behavior, Produce Visualization of Trends and Predictions of Listener Preferences?
	<b>Emma Itskovich</b> (Biology)	Lawrence Hobbie	The Effects of Implement Education of Effective Learning Strategies in in Introductory and Upper-Level Biology Courses

Thursday, February 9, 2023

3:00 PM - 5:00 PM


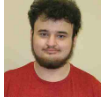

UC Room 116-117

	Student (major)	Thesis Advisor	Tentative Thesis Title
	<b>Melissa Garber</b> (Psychology)	Katherine Fiori	Attitudes on Autism: The Impact of Theatre on Stigma
	<b>Harsehej Anand</b> (Biology)	Anagnostis Agelarakis	The Origins of Dental Surgery: Viewing Dental Care through an Archaeological and Historical Lens
	<b>Sabeen Siddiqui</b> (English and History)	Edward Reno	<i>Empires of A Thousand and One Nights</i>
	<b>Kayla Salter</b> (Theatre Arts)	Maggie Lally	Shakespeare's Women at Work
	<b>Madelyn Barkocy</b> (Theatre Arts)	Maggie Lally	Character and Movement: Finding the Heart in the Body

Friday, February 10, 2023

9:00 AM - 10:30 AM





UC Room 118-119

	<b>Student (major)</b>	<b>Thesis Advisor</b>	<b>Tentative Thesis Title</b>
	<b>Jasleen Kaur</b> (Biology)	Andrea Ward	The Effect of Different Inclines on the Locomotion of American Eels in the Sand Substrate
	<b>Nicholas Horn</b> (English)	Michael Matto	Storytelling in Video Games: an analysis of Mechanical, Narrative, and Storytelling techniques and their intersections through Omori
	<b>Anna Komninos</b> (Spanish)	Clara Vaz Bauler	Linguistics in Education: Why Should It Exist?

Friday, February 10, 2023

11:00 AM - 12:30 PM

UC Room 118-119


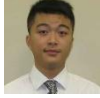

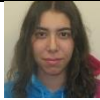
	<b>Student (major)</b>	<b>Thesis Advisor</b>	<b>Tentative Thesis Title</b>
	<b>Yoosong Song</b> (Biology)	Barbara Cunningham	Pathogenesis of Periodontitis and COVID-19
	<b>Danelya Zholdasbekova</b> (Finance)	Sviatoslav Moskalev	Implications of the Russia-Ukraine Conflict on the Corporate Cost of Debt Capital of LNG Companies
	<b>Ann Sam</b> (Computer Sci.)	Kees Leune	Privacy and Security of Women's Health Apps
	<b>Alana Shaw</b> (History)	Abdin Chande	Canine Companions: Islamic Views



Friday, February 10, 2023

1:00 PM - 2:30 PM

UC Room 118-119

	<b>Student (major)</b>	<b>Thesis Advisor</b>	<b>Tentative Thesis Title</b>
	<b>Brei Snyder</b> (Dance)	Adelheid Strelick	Framing Corporeal Dimensions: Interconnections between Choreographic Methods from Stage to Film
	<b>Andrew Zhang</b> (Biology)	Lawrence Hobbie	Does the Implementation of the KBCP Framework in the First Semester of Introductory Biology Classes Increase Students' Use of Effective Learning Strategies?
	<b>Mackenzie Edwards</b> (Neuroscience)	Natalia Prado- Oviedo	Elephant Temperament and Neurohormones
	<b>Sarah Levi</b> (Biology)	Natalia Prado- Oviedo	Characterizing Seasonal Patterns of Reproductive Hormones in Andean Bear ( <i>Tremarctos ornatus</i> ) Females Housed in US Zoos

Thank you for joining us  
for this stimulating week!

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Sapere Aude!