

# 2026 Symposium Program Schedule

**9:00am – 9:20am**      **Participant Check-In and Continental Breakfast**

**9:30am – 10:50am**      **Concurrent Sessions** (*all sessions in the Howard Gittis Student Center, 2<sup>nd</sup> floor*)

Session 1A: Division Street: Understanding Social and Economic Disparity and Uneven Access, Room 217A

Session 1B: Expression Across Boundaries: Extending Communication to New Applications, Room 217B

Session 1C: Right and Left: Transformations in Political Identity and Mobilization, 1970-Present, Room 217C

Session 1D: We are One: Examining Global Trends in Nationalism and Internationalism, Room 220

**11:00am – 12:20pm**      **Concurrent Sessions**

Session 2A: Communication Connections and Opportunities, Room 217A

Session 2B: Presence of Mind: Psychological Investigations into Behavior, Sensation, and Development, Room 217B

Session 2C: War-Torn: Struggles Over Power, Memory, and National Identity from Britain to Byzantium, Room 217C

Session 2D: Keeping Score: Exploring Intersections Between Sports, Society, and Economy, Room 220

Session 2E: Identity at the Margins: Narratives of Culture and Belonging from the Americas to Asia, Room 217D

**12:30pm – 1:50pm**      **Poster Session, Room 200BC** (*boxed lunches will be provided for all Symposium presenters*)

**2:00pm – 3:20pm**      **Concurrent Sessions**

Session 3A: Molecules, Metabolism, Medicine: Biological, Physical, and Chemical Approaches, Room 217A

Session 3B: Communication Strategies: New Means of Implementation, Room 217B

Session 3C: Evolving Communities: Intersections Between Culture, Industry, and Ideology in Philadelphia and Beyond, Room 217C

Session 3D: Outside the Lines: Creative Perspectives on Society, Body, and Design, Room 220

**3:30pm – 4:50pm**      **Concurrent Sessions**

Session 4A: A Tree Falls in the Forest: Understanding Ecosystems and Biodiversity, Room 217A

Session 4B: The Next Steps: Communication and Strategy, Room 217B

Session 4C: Nation, Interrupted: Global Legacies of Exploitation and Imperialism, Room 217C

Session 4D: Mind-Body: Interdisciplinary Explorations of Cognition, Psychology, and Health, Room 220

9:30am – 10:50am

**Session 1A: Division Street: Understanding Social and Economic Disparity and Uneven Access**, Jeremy Mennis, Moderator, Room 217A

**April Harwood**, Psychology major, *Receipt of MOUD in Rural and Urban Areas of the United States from 2006-2023*, Supporting Faculty: Jeremy Mennis

**Myasia Nunez**, Political Science major, *Barriers to Higher Education for Immigrant and Minority Students*, Supporting Faculty: Roselyn Hsueh

**Harshini Nuti**, Economics and Mathematical Economics major, *Understanding the Drivers of 1033 Program Participation: An Empirical Analysis of Pennsylvania Counties*, Supporting Faculty: William Stull

**Fredrika Poscover**, Gender, Sexuality and Women's Studies major, *What To Expect When You Don't Want to be Expecting: Emergency Contraception 101*, Supporting Faculty: Jennifer Pollitt, Supporting Program: CARAS Project Grant

**Session 1B: Expression Across Boundaries: Extending Communication to New Applications**, Scott Gratson, Moderator, Room 217B

**Aubrey Pomerantz**, Undeclared major, *Psychological Impacts of Political Advertising: A Polarizing Problem*, Supporting Faculty: Dana Saewitz

**Clara Kadingo**, Advertising major, *Social Media's Effect on Political Polarization*, Supporting Faculty: Dana Saewitz

**Oliver Economidis**, Communication Studies major, *Building Student-Run Sports Agencies in Klein College*, Supporting Faculty: Lauren Bullock

**Session 1C: Right and Left: Transformations in Political Identity and Mobilization, 1970-Present**, Lizzie Yazvac, Moderator, Room 217C

**Michael Cavalea**, History major, *The Rise of the Alt-Right Since the 1970s*, Supporting Faculty: Ralph Young

**Maxwell Davino**, Political Science major, *The Effect of Individual-Level Factors on Class-Consciousness Among Americans*, Supporting Faculty: Roselyn Hsueh

**Jyckell Perez**, Political Science major, *The 'Alienated' and Mass Polarization: The Sociopolitical Influence of Web-Based Discussion Forums*, Supporting Faculty: Michael Hagen

**Elyna Volkova**, Public Health major, *Radical Inheritance: Political Memory and Identity in Modern American Far-Left Families*, Supporting Faculty: Marina Mikhaylova

**Kate Witiak**, Sociology major, *Is There Power in a Union? The 2025 DC33 Strike and Contemporary Labor Movement Revival*, Supporting Faculty: Lu Zhang

**Session 1D: We are One: Examining Global Trends in Nationalism and Internationalism**, Barbara Gorka, Moderator, Room 220

**Ava Buonanno**, Film and Media Arts major, *Erosion from Within: How the U.S. Mirrors Global Democratic Recession Trends*, Supporting Faculty: Alexandra Guisinger

**Karleigh Burns**, Political Science major, *Repression, Vulnerability, and Political Socialization: Long-Term Regime Attitudes Formed in Adolescence Across Generations in South Africa*, Supporting Faculty: Roselyn Hsueh

**James Currie**, Political Science major, *Liberalism and European Federalism*, Supporting Faculty: Roselyn Hsueh

**Caitlin Zielinski**, Global Studies major, *Building a Nation State: The Ram Mandir and the Return of Hindu Nationalism in India*, Supporting Faculty: Sanjoy Chakravorty

11:00am – 12:20pm

**Session 2A: Communication Connections and Opportunities**, Scott Gratson, Moderator, Room 217A

**Cléopée Bagnouls Ros**, Incoming Exchange Program, *From Bridges to Barriers: Lebanon's Communitarian System in Crisis*, Supporting Faculty: Dana Saewitz

**Megan Bailey**, Advertising major, *Cell Phones: Ruining or Saving Society?*, Supporting Faculty: Dana Saewitz

**Norah Bishop**, Communication Studies major, *"Earthy Media Podcast": Connecting Agenda-Setting Theory to Climate Change*, Supporting Faculty: Barry Vacker

**Maura Donapel**, Advertising major, **Emily Hildenbrand**, Journalism major, *Elevating Einstein Bros: Brand Strategy*, Supporting Faculty: Katherine Bex

**Session 2B: Presence of Mind: Psychological Investigations into Behavior, Sensation, and Development**, Eunice Chen, Moderator, Room 217B

**Marissa Ballew**, Psychology major, *Judicial Discretion and the Post-Conviction Process: Factors Influencing Judges' Decisions to Overturn or Uphold Wrongful Convictions*, Supporting Faculty: Kathy Hirsh-Pasek

**Santhi Chandrasekaran**, Psychology major, *How Students Learn About College: College Anticipatory Socialization as a Predictor of College Knowledge*, Supporting Faculty: Kelly McGinn

**Angela Darley**, Psychology major, *Posting Sexual Content Online and Its Impact on Sexual Risk and Consent Behaviors Among Emerging Adults During Pre-, Mid-, and Post-Pandemic*, Supporting Faculty: Hongling Xie, Supporting Program: CLA Liberal Arts Undergraduate Research Award

**Sam Ellis**, Psychology major, *Differences in Taste Sensation in Individuals with Eating Disorders: A Systematic Review and Meta-Analysis*, Supporting Faculty: Eunice Chen, Supporting Program: Diamond Research Scholars Program

**Zachary Reid**, Psychology major, *Resting State Functional Connectivity and Anorexia Nervosa: A Systematic Review*, Supporting Faculty: Eunice Chen

**Lilla Stall**, Psychology major, *Impact of Home Media Environment on Toddlers' Vocabulary Development*, Supporting Faculty: Kathy Hirsh-Pasek

**Session 2C: War-Torn: Struggles Over Power, Memory, and National Identity from Britain to Byzantium**, Travis Glasson, Moderator, Room 217C

**Alex Hartman**, History major, *Byzantine Iconoclasm 780-820 CE: Political Forces in the Icon Struggle*, Supporting Faculty: Joseph Kopta

**Glenn Hechler**, History major, *CNN, Peter Arnett, and Propaganda in the Persian Gulf War*, Supporting Faculty: Alan McPherson

**Julia Mott**, History major, *Dealing with Demjanjuk: "German Guilt" and Reflecting on Nazi Atrocities*, Supporting Faculty: Jay Lockeour

**Dominic Savino**, History major, *National Rivalry and Embarrassment: British Crimean War Reforms (1853–1860)*, Supporting Faculty: Travis Glasson, Supporting Program: CLA Liberal Arts Undergraduate Research Award

**Maya Tzan**, History major, *Gender, Patriotism, and Domesticity in the Cold War Kitchen*, Supporting Faculty: Seth Bruggeman

**Session 2D: Keeping Score: Exploring Intersections Between Sports, Society, and Economy**, Michael Leeds, Moderator, Room 220

**Conor Donohoe**, Mathematical Economics major, *The Popularity Effects of Soccer Leagues Remaining Active During COVID Lockdowns*, Supporting Faculty: Michael Leeds

**Natalie McBride**, Economics major, *Do NHL Teams in Income Tax-Free States Have a Competitive Advantage?*, Supporting Faculty: Michael Leeds

**Kora Sen**, Economics major, *Do Countries with Greater Gender Equality Produce More Elite Women Tennis Players?*, Supporting Faculty: Michael Leeds

**Session 2E: Identity at the Margins: Narratives of Culture and Belonging from the Americas to Asia**, Bryant Simon, Moderator, Room 217D

**Pooja Arvind**, Bioengineering major, **Jasleen Kalsi**, Biology major, *Hidden Communities: South Asian Migration, Identity and Belonging in Mérida, Mexico*, Supporting Faculty: Bryant Simon, Supporting Program: CARAS Project Grant

**Eric Dougherty**, Civil and Mechanical Engineering major, **David Poirier**, Neuroscience major, **Manit Suresh**, Statistical Science and Data Analytics major, *The Pan-American Timeline of Culture and History Initiative: A Timeline of the History and Culture of Native Americans*, Supporting Faculty: Sonja Peterson-Lewis

**Dom Passafiume**, Global Studies major, *Central Asian Throat Singing in the Digital Age*, Supporting Faculty: Sanjoy Chakravorty

12:30pm – 1:50pm

**Poster Session**

Room 200BC

**Calista Aguinaldo**, Statistical Science and Data Analytics major, *Finding the Gap: Revealing Objective from Perceived Financial Capabilities*, Supporting Faculty: Vinod Venkatraman

**Zaara Akhtar**, Neuroscience major, **Ananya Ravi**, Music Therapy major, *The Moderating Effect of Hazardous Alcohol Use on Alexithymia and Experiences of Pleasure Among College Students*, Supporting Faculty: Michael McCloskey

**Stephen Autieri**, Chemistry major, *Investigating Metal-Organic Framework Precursors as Nanozymes for Epoxide Ring-Opening Reactions*, Supporting Faculty: Eric Borguet, Supporting Program: CST Research Scholars Program

**Elizabeth Bakare**, Biology major, *Investigating the Paracrine and Mechanical Cues Driving Human Mammary Fibroblast Activation in Triple-Negative Breast Cancer*, Supporting Faculty: Karin Wang, Supporting Program: Diamond Research Scholars Program

**Connor Beck**, Mechanical Engineering major, **Rocco Haeufgloeckner**, Mechanical Engineering major, *OWL-SIGHT: Acousto-Optic Detection for Tracking Low-Altitude FPV Drones*, Supporting Faculty: Osman Sayginer

**Georgia Bond**, Undeclared major, *Race and Diversity in Teen Programming*, Supporting Faculty: Dana Saewitz

**Seth Brayton**, Neuroscience major, *The Impact of Childhood Social Initiative on the Relationship Between Childhood Trauma and Late-Midlife Psychosis*, Supporting Faculty: Lauren Ellman

**Morgan Callinan**, Neuroscience major, *Individual Differences in Socio-Affective Prediction Errors During an Embarrassment Induction Task*, Supporting Faculty: Ingrid Olson

**Eva Close**, Biology major, *Sculpting the Deep: Creating Digital and Ceramic Cold-Water Coral Models*, Supporting Faculty: Erik Cordes

**Astrid Danz**, Psychology major, *Comorbidity of Depression and Anxiety: Concurrent v. Lifetime Definitions*, Supporting Faculty: Thomas Olino

**Dario Duran**, Bioengineering major, *Functional Changes in Hypoxic Neonatal Brachial Plexus After Stretch*, Supporting Faculty: Anita Singh, Supporting Program: CARAS Travel Grant

**Nicole Estephan**, Bioengineering major, *Effect of Hypoxia and Estrogen in 3D Microphysiological Model of Lipedema on Lymphatic Vessel Permeability and Adipose Tissue Function*, Supporting Faculty: Evangelia Bellas, Supporting Program: Diamond Research Scholars Program

**Maura Fecak**, Communication Studies major, *The Digital Pro-Anorexia Subculture and its Impact*, Supporting Faculty: Katherine Bex

**Elizabeth Fischer**, Public Health major, *Wrapping UP HIV: An HIV Intervention Program*, Supporting Faculty: Caite Wolak

**Rakshit Gadamsetty**, Health Professions major, *Relationship Between Hippocampal Microstructure and Memory in Early Childhood*, Supporting Faculty: Nora Newcombe

12:30pm – 1:50pm

**Poster Session**

Room 200BC

**Selena Garman**, Psychology major, *Assessing the Correlations Between Children's Interpersonal Functioning Styles and Later Life Outcomes Throughout Development*, Supporting Faculty: Thomas Olino

**Ryan Gephart**, Neuroscience major, *Characterizing Age-Related Differences in Responses to Social Reward and Risk for Financial Exploitation*, Supporting Faculty: David Smith, Supporting Program: CARAS Project Grant

**Jose Godoy**, Architecture major, *IMAYKUNA*, Supporting Faculty: Laurin Aman, Supporting Program: CARAS Project Grant

**Selin Gunaydin**, Biology major, *Investigating Androgen Effects on Liver Metabolism in Polycystic Ovary Syndrome (PCOS)*, Supporting Faculty: Sheng Wu, Supporting Program: CST Research Scholars Program

**Binh Hoang**, Psychology major, *Smartphone Behavior and Health Habits: A Comprehensive View Across Ages*, Supporting Faculty: Jason Chein, Supporting Program: Diamond Research Scholars Program

**Joy Hsieh**, Public Relations major, *Gender Discrimination and Its Impact on Culture in Japan*, Supporting Faculty: Dana Saewitz

**Crystal Huang**, Biochemistry major, *Strengthening Child Health Through Water Safety Education in Rural Peru*, Supporting Faculty: Graciela Jaschek

**Eliza Huang**, Biology major, *Investigating the Microbiome and Social Barriers that Impact Health Disparities in Esophageal Cancer*, Supporting Faculty: Zachary Reichenbach

**Arushi Jhunjunwala**, Bioengineering major, *Evidence of Spinal Cord Damage in Avulsed Neonatal Brachial Plexus*, Supporting Faculty: Anita Singh, Supporting Program: CARAS Travel Grant

**Eleena John**, Biology major, **Tanishta Potluru**, Biology major, *Enterococcus faecalis–Candida albicans Biofilms Under Low Iron: Hyphal Induction and Computational Quantification*, Supporting Faculty: Bettina Buttarò

**Rosmy Joseph**, Neuroscience: Cellular and Molecular major, *Investigating the Effects of Nicotine and Vitamin C on Human Microglial Cells: Implications for Alzheimer's and Parkinson's Disease*, Supporting Faculty: Ang Sun, Supporting Program: CARAS Project Grant

**Kaden Joseph**, Chemistry major, *Direct Lithiation-Decarboxylation Sequence for Fluorinated Diversity*, Supporting Faculty: Daniel Kim, Supporting Program: CST Research Scholars Program

**Alimatou Konate**, Electrical Engineering major, *Enhancing Grid Reliability in Sub-Saharan Africa: Comparative Performance of Dual-Axis Tracking and Biomass-Backup Micro-Clusters in Mali*, Supporting Faculty: Cory Budischak, Supporting Program: Diamond Research Scholars Program

**Henry Krumrine**, Mechanical Engineering major, *Listening to Failure: The Sound of a Failing Bearing*, Supporting Faculty: Osman Sayginer, Supporting Program: CARAS Project Grant

12:30pm – 1:50pm

**Poster Session**

Room 200BC

**Bella Kwok**, Criminal Justice major, *The Root of Legal Reform for Gender Equality: A Comparative Study of Consent and Sex Education in Iceland and the U.S.*, Supporting Faculty: Jennifer Pollitt, Supporting Program: Diamond Research Scholars Program

**Grayson LaPierre**, Environmental Science major, *Determining the Role of Nutrient Intake and Body Mass in Affecting Fecundity of Gravid Adult *Argygnis cybele* Females*, Supporting Faculty: Brent Sewall, Supporting Program: Diamond Research Scholars Program

**Sara Leik**, Psychology major, *What is Philadelphia Doing Differently?: An Extensive Look into the Lack of Reform in Philadelphia's Juvenile Justice System*, Supporting Faculty: Bryant Simon

**Shane Leinhauser**, Environmental Science major, *Integration of ALFA Tag into Zebrafish *Smad5**, Supporting Faculty: Darius Balciunas

**TJ Lemon**, Statistical Science and Data Analytics major, *PM2.5, Canopy, and Asthma: A Cross-Sectional & Spatial Analysis of Pennsylvania Tracts*, Supporting Faculty: Lauren Burns, Supporting Program: Diamond Research Scholars Program

**Sandeep Maligireddy**, Neuroscience: Cellular and Molecular major, *Non-Invasive Vagus Nerve Stimulation Activates Central Cholinergic Pathway*, Supporting Faculty: Vinay Parikh, Supporting Program: CARAS Project Grant

**Helike Milestone**, Physics major, *Spatial Characteristics of Ranked Choice and Similar Voting Systems*, Supporting Faculty: Jeromy Sivek, Supporting Program: CST Research Scholars Program

**Aashna Mony**, Psychology major, *The Psychological Correlates of Non-Monetary Theft*, Supporting Faculty: Jason Chein, Supporting Program: CARAS Project Grant

**Ranesh Mopuru**, Neuroscience major, *Mapping Striatal Dopamine Physiology in Early Psychosis*, Supporting Faculty: Ingrid Olson, Supporting Program: CLA Liberal Arts Undergraduate Research Award

**Adrian Mykhnych**, Biochemistry major, *Ester Bond Hydrolysis Using Metal Oxyhydroxides as Biomimetic Catalysts*, Supporting Faculty: Eric Borguet

**Cal Nguyen**, Psychology major, *Mediation Effects of Sleep Quality on Physical Activity and Reward Sensitivity Among Adolescents*, Supporting Faculty: Lauren Alloy

**Nina Nourizadeh**, Neuroscience major, *The Neuroscience Behind Marketing*, Supporting Faculty: Dana Saewitz

**Colin O'Donnell**, Communication Studies major, *The Globalization of Beauty*, Supporting Faculty: Dana Saewitz

**Sun Ohm**, Biology major, *Exploring MET Overexpression and Drug Target Opportunities in HNSCCs*, Supporting Faculty: Angela Bricker, Supporting Program: CST Science Scholars Program

**Chika Orakwue**, Public Health major, *Faithful Steps: The Path to Diabetes Prevention*, Supporting Faculty: Caite Wolak

**Armando Ortez**, Bioengineering major, *The Role of pH in Modulating Fibronectin Conformations: Implications on Chronic and Acute Wounds*, Supporting Faculty: Karin Wang, Supporting Program: MARC Program

12:30pm – 1:50pm

**Poster Session**

Room 200BC

**Miriam Parrucci**, Ecology, Evolution and Biodiversity major, *When Fire Brings Life: How Burning Can Grasslands Support Eastern Regal Fritillary Restoration*, Supporting Faculty: Brent Sewall, Supporting Program: CST Research Scholars Program

**Kush Patel**, Computer Science major, *Assessing the Role of Diversity in LLM Explanations for Enhancing Student Understanding*, Supporting Faculty: Stephen MacNeil, Supporting Program: CARAS Travel Grant

**Dev Patel**, Computer Science major, *“Stuck in a Spiral”: Shame and Guilt as Social Regulators of AI Use in Computing Education*, Supporting Faculty: Stephen MacNeil

**Deepp Patel**, Bioengineering major, *Investigating the Effect of Cancer Cell-Derived TGF- $\beta$ 1 on Fibroblast Activation*, Supporting Faculty: Karin Wang

**Shrey Patel**, Neuroscience major, *Title: Ctrl + Fear: Exploring the Influence of Computer Anxiety on Tests of Everyday Function Among Older Adults*, Supporting Faculty: Tania Giovannetti

**Nina Pelletier**, General Science with Teaching major, *Genetic and Morphological Characterization of a New Deep-Sea Cnidarian Species*, Supporting Faculty: April Stabbins, Supporting Program: Diamond Research Scholars Program

**Amanda Phang**, Biology major, *Genome Editing to Engineer Epitope Tags into Frizzled-4 and Frizzled-5 Proteins in Zebrafish*, Supporting Faculty: Darius Balciunas, Supporting Program: Diamond Research Scholars Program

**Laasya Ravipati**, Neuroscience major, *Co-Administration of RAP-103 Enhances Morphine’s Antinociceptive Effect in Rats*, Supporting Faculty: Scott Rawls, Supporting Program: CARAS Project Grant

**Travis Reed**, Physics major, *Understanding the Distribution of Alpha, Beta, and Transition Zones in the Global Ocean: Insight from Novel High Resolution Climate Simulations*, Supporting Faculty: Rebecca Beadling

**Johanna Sabio**, Neuroscience major, *Investigating the Relationship of Autobiographical Memory and Neural White Matter in Childhood*, Supporting Faculty: Ingrid Olson, Supporting Program: MiNDS Program

**Maia Singh**, Psychology major, *Why Are You a Dog to Your iPhone: The Impact of Social Media on Emotional Regulation in Young Adults*, Supporting Faculty: Jason Chein

**Megan Siwak**, Earth and Space Science with Teaching major, *Evaluating Representation of Surface Winds Across the Coast of Ghana*, Supporting Faculty: Rebecca Beadling

**Camilla Tahirova**, Biochemistry major, *Metal Oxyhydroxides as Biomimetic Enzyme Mimics for Catalytic ATP Hydrolysis*, Supporting Faculty: Eric Borguet

**Michelle Tanujaya**, Biology major, *Targeting Phosphatidylserine with DPA Liposomes for Safer Anti-Thrombotic Therapy*, Supporting Faculty: Parkson Chong, Supporting Program: MARC Program

**Steven Thai**, Bioengineering major, *Evaluating Imaging and Spectroscopic Methods for Microplastic Detection in Lung Tissue*, Supporting Faculty: Nancy Pleshko, Supporting Program: CARAS Project Grant

12:30pm – 1:50pm

**Poster Session**

Room 200BC

**Samantha Thomas**, Chemistry major, *Synthesizing and Isolating Molybdenum-Carbene Complexes for Z-2-Selective Alkene Isomerization*, Supporting Faculty: Graham Dobereiner, Supporting Program: Diamond Research Scholars Program

**Joan Tom**, Genomic Medicine major, *How Sex Shapes the Genome: Evolutionary Architecture of Sex-Biased Traits and Mating Behaviors in *Drosophila melanogaster**, Supporting Faculty: Rob Kulathinal

**Trisha Verma**, Biology major, *Modeling Estradiol Influence on Fatty Acid Metabolism in 3D-Engineered Human Adipose Tissues*, Supporting Faculty: Evangelia Bellas

**Anya Wilkinson**, Genomic Medicine major, *Characterization of Metabolic Phenotypes in Acute Myeloid Leukemia*, Supporting Faculty: John Elrod, Supporting Program: Diamond Research Scholars Program

**Kolbe Wittman**, Political Science major, *Beyond Formal Evictions: How the Eviction Diversion Program Shapes Community Experiences of Housing Instability in Philadelphia*, Supporting Faculty: Michael Hagen

**Lily Wunsche**, Psychology major, *Developmental Differences in Social Media Behaviors Between Early Adolescence and Emerging Adulthood*, Supporting Faculty: Hongling Xie, Supporting Program: CLA Liberal Arts Undergraduate Research Award

**Dabin Yim**, Psychology major, *Measurement Invariance of the Brief Problem Monitor-Youth (BPM-Y) Psychopathology Dimensions Across Race/Ethnicity in the ABCD Study*, Supporting Faculty: Thomas Olino

2:00pm – 3:20pm

**Session 3A: Molecules, Metabolism, Medicine: Biological, Physical, and Chemical Approaches**, Michael Lawlor, Moderator, Room 217A

**Rocco Di Pede**, Biochemistry major, *When Is Bone Ready for an Implant? Using Spectroscopy and Machine Learning to Guide Dental Care*, Supporting Faculty: Nancy Pleshko, Supporting Program: CARAS Travel Grant

**Sami Kazi**, Genomic Medicine major, *Lipid Metabolism Reprogramming in Alveolar Epithelial Cells During Superinfection*, Supporting Faculty: Vincent Tam, Supporting Program: CARAS Project Grant

**Trevor Long**, Physics major, *UV/Vis Absorption in cis,cis-1,3-Cyclooctadiene*, Supporting Faculty: Spiridoula Matsika

**Sadia Rahat**, Biochemistry major, *From Chaos to Cure: Clonal Targeting Through DDR-Guided Combinational Therapy*, Supporting Faculty: Tomasz Skorski, Supporting Program: CST Research Scholars Program

**Session 3B: Communication Strategies: New Means of Implementation**, Scott Gratson, Moderator, Room 217B

**Katherine Black**, Communication Studies major, *The Power of Advocacy: The Cystic Fibrosis Foundation's Teen Advocacy Day*, Supporting Faculty: Scott Gratson

**Jocelyn Hockaday**, Journalism major, *Power to the People: The Black Panther Party's History, Survival, and Community in Philadelphia*, Supporting Faculty: Sarah Landwehr

**Finn Metzger**, Advertising major, *Queer Representation in Advertising*, Supporting Faculty: Dana Saewitz

**Lucy Lunay**, Communication and Social Influence major, *The Risks of Overharvesting Oysters in the Chesapeake Bay*, Supporting Faculty: Olivia Cohen

**Session 3C: Evolving Communities: Intersections Between Culture, Industry, and Ideology in Philadelphia and Beyond**, Katya Motyl, Moderator, Room 217C

**Micah Bustos**, History major, *The Nuclear Industry Through Limerick Generating Station*, Supporting Faculty: Bryant Simon

**Isabella Farrow**, History major, *The Politics of Patronage in the Philadelphia Art Museum*, Supporting Faculty: Seth Bruggeman

**Ben Gelb-Dyller**, History major, *Reform Reformed: David Wice, Rodeph Shalom, and the Reform Embrace of Zionism*, Supporting Faculty: Bench Ansfield

**Isaiah Nunez**, History major, *"Ye Olde America"*, Supporting Faculty: Hilary Lowe

**Gerallynn Razo**, History major, *Left on Base: Philadelphia's Stadium Proposals That Never Scored from 1996 to 2004.*, Supporting Faculty: Bench Ansfield

**Session 3D: Outside the Lines: Creative Perspectives on Society, Body, and Design**, Dustin Kidd Moderator, Room 220

**Kyle Bernado**, Architecture major, *A Lesson in Folds*, Supporting Faculty: Laura Kazmierczak

**Rachel Kealey**, English major, **William Cooney**, Mechanical Engineering major, *Macbezoz: A Social Satire of Villainous Technology*, Supporting Faculty: Sheryl Sawin

**Bradley McEntee**, English major, *Destruction of the Male Form in 1960s American Exploitation Films*, Supporting Faculty: Ralph Young

3:30pm – 4:50pm

**Session 4A: A Tree Falls in the Forest: Understanding Ecosystems and Biodiversity**, Mariana Bonfim, Moderator, Room 217A

**Jack Brownfield**, Ecology, Evolution and Biodiversity major, *Temporal Partitioning Facilitates Coexistence During Invertebrate Community Assembly within Ephemeral Pools*, Supporting Faculty: Mariana Bonfim, Supporting Program: CARAS Project Grant

**Amanda Le**, Ecology, Evolution and Biodiversity major, *Disturbance-Driven Community Responses of Woody Species in the Soil Seed Bank of a Temperate Old-Growth Forest*, Supporting Faculty: Brent Sewall, Supporting Program: CARAS Project Grant

**Isabella Miller**, Environmental Science major, *Observing Patterns of Arthropod Diversity in a Tornado Disturbed Old-Growth Forest: Microclimates and Temporal Shifts Aid in Forest Recovery*, Supporting Faculty: Mariana Bonfim, Supporting Program: Diamond Research Scholars Program

**Katie Opila**, Biophysics major, *Arbuscular Mycorrhizal Fungal Responses to Environmental Extremes in an Urban Bioswale*, Supporting Faculty: Josh Caplan, Supporting Program: CARAS Project Grant

**Session 4B: The Next Steps: Communication and Strategy**, Scott Gratson, Moderator, Room 217B

**Trinity Betters**, Communication Studies major, **Michelle Chernyavsky**, Communication Studies major, **Dor'Marie Jackson**, Media Studies and Production major and Communication Studies major, *Born to Soar*, Supporting Faculty: Katherine Bex

**Nina Crandell**, Communication Studies major, *When Games Remember: Morality and Player Responsibility in Undertale*, Supporting Faculty: Katherine Bex

**Ethan Nock**, Advertising major, *GOTRAX Campus Ride-and-Try Brand Activation*, Supporting

**Session 4C: Nation, Interrupted: Global Legacies of Exploitation and Imperialism**, Patricia Moore-Martinez, Moderator, Room 217C

**Olivia Ciferni**, Psychology major, *The Lord's Resistance Army and the Exploitation of Child Soldiers*, Supporting Faculty: Ralph Young

**Justin Roig**, Geography and Urban Studies major, *Puerto Rico and Food Resurgence*, Supporting Faculty: Allison Hayes-Conroy

**Laylah Santiago**, Political Science major, *Hurricane Maria and Shifts in Puerto Rican Voting Trend & Behavior*, Supporting Faculty: Roselyn Hsueh

**Sophia Tronnes**, Public Relations major, *From the Soviet Union to Turkmenistan: How Imperialism Shaped Turkmenistan*, Supporting Faculty: Lauren Farmer

**Session 4D: Mind-Body: Interdisciplinary Explorations of Cognition, Psychology, and Health**, Amanda Neuber, Moderator, Room 220

**Prithiv Sundar**, Psychology major, *The Effects of Participation in Sports and Music Before Kindergarten on Math Achievement*, Supporting Faculty: Isabelle Chang

**Stephen Walicki**, Liberal Arts major, *Pleasantness of a Different Kind: Appraisal and the Intentional Content of Valence*, Supporting Faculty: David Wolfsdorf, Supporting Program: Diamond Research Scholars Program

**Rita Yip**, Health Professions major, *The Power of Affect: Bridging the Gap Between Public Health and Humanities Through Emotional Research*, Supporting Faculty: Adam Shellhorse, Supporting Program: CARAS Project Grant