2024 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, 2nd floor)

Session 1A: Consumers, Companies, and Clout, Room 200A
Session 1B: Navigating Gender and Culture: Intersectional Approaches to Gender Norms, Room 220
Session 1C: Unstable Environments: When Politics and Nature Converge, Room 217C
Session 1D: Leveling the Playing Field: Explorations in Education and Athletics, Room 217D

11:00am – 12:20pm  Concurrent Sessions

Session 2A: Strength and Strategies: Advocacy and Systems, Room 200A
Session 2B: The Classroom and The Home: The Psychology and Economics of Education and Family, Room 220
Session 2C: Sex Ed to Heal Society: Understanding and Combating Gender Violence and Patriarchy, Room 217C
Session 2D: Global Right Wing: The Evolution of Illiberal Nationalisms Past and Present, 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: Voices Raised and Resonated, Room 200A
Session 3B: From Margins to Mainstream: Subcultures, Community, and Society, Room 220
Session 3C: Let’s Talk About Sex: The Impact of Misinformation on Sexual and Social Health, Room 217C
Session 3D: Quantitative Approaches, Environmental Impacts, and Disease, Room 217D
Session 3E: Sport, Speech, and Song: Pathways into Memory and Cognition, Room 217B

3:30pm – 4:50pm  Concurrent Sessions

Session 4A: Diverse Functions and Features, Room 200A
Session 4B: Religion, Race, and the State: Reckoning with Identity from Local to Global, Room 220
Session 4C: Transforming Genre: Representing Modern Life through Art and Design, Room 217C
Session 4D: Innovations in Materials Science and Chemistry, Room 217D
Session 1A: Consumers, Companies, and Clout, Scott Gratson, Moderator, Room 200A

Nicholas Disabella, Advertising major, Starbucks Canned Espresso Martini Pitch, Supporting Faculty: Dana Saewitz

Madelynne Ferro, Psychology major, The Chocolate Industry and Tony's Chocolonely: The Ethical International Supply Chain Production of Goods is Possible, Supporting Faculty: Dana Saewitz

Masina Garonzik, Advertising major, Steam Marketing Plan: Indie Game Festival, Supporting Faculty: Dana Saewitz

María Jones, Advertising major, The Effects Social Media's Beauty Influencers and Makeup Industry Have on the World, Supporting Faculty: Dana Saewitz

Ava Steneken, Advertising major, Primary Market Research Study: Trader Joe’s, Supporting Faculty: Dana Saewitz

Session 1B: Navigating Gender and Culture: Intersectional Approaches to Gender Norms, Annette McMenamin Bakely, Moderator, Room 220

Kiera Breeding, Anthropology major, Bad Bitches: Creed’s Monstrous-Feminine in Gaming Antagonists, Supporting Faculty: Melissa Toomey

Shacile Harrison, Dance major, The Contributions of Female Jamaican Dancers to the Evolution Of Dancehall Culture, Supporting Faculty: Ziying Cui

Manny Nelson, Public Policy major, Pink Collars and Blue Ties; How Gender Norms Create Occupational Segregation, Supporting Faculty: Roselyn Hsueh

Rachel Shaw, English major, Yabo: The Atlas to Black Lesbian Literature, Supporting Faculty: Joyce Joyce

Session 1C: Unstable Environments: When Politics and Nature Converge, Sanjoy Chakravorty, Moderator, Room 217C

Tyler Hugo, Criminal Justice and Global Studies major, The Curse of a Colonial Institution, Not Resources: Colonialism and Kleptocracy in the Congo, Supporting Faculty: Sanjoy Chakravorty

Juliya Medyukh, Political Science major, Environmental Degradation in Ukraine and Russian Liability, Supporting Faculty: Mark Pollack

Janelle Vuong, Global Studies major, The Gradual Collapse of the Venezuelan Petrostate and Its Regional Consequences, Supporting Faculty: Sanjoy Chakravorty

Session 1D: Leveling the Playing Field: Explorations in Education and Athletics, Elizabeth Taylor, Moderator, Room 217D

Maya Britton, Sport and Recreation Management major, It’s a Team Effort: Building Intra-Campus Partnerships to Support Black College Athletes, Supporting Faculty: Jonathan Howe, Supporting Program: CARAS Travel Grant


Maya Sheed, Tourism and Hospitality Management major, Exploring Sport Employees’ Workplace Experiences, Supporting Faculty: Elizabeth Taylor, Supporting Program: CARAS Travel Grant
Session 2A: Strength and Strategies: Advocacy and Systems, Scott Gratson, Moderator, Room 200A

**Olivia Kincade**, Advertising major, *Raising the Bar for Raising Cane’s: A Marketing Research Study*, Supporting Faculty: Dana Saewitz

**Catherine Lane**, Media Studies and Production major, *The Chess Divide*, Supporting Faculty: Dana Saewitz

**Stephanie Mondevergine**, Communication Studies major, *Tradition & Hierarchy: Exploring the Caste System & The Philadelphia Mummers*, Supporting Faculty: Dana Saewitz

**Gabe Robayo**, Communication Studies major, *Empty Promises: The Impacts of Cultural Racism in Ecuador*, Supporting Faculty: Dana Saewitz

Session 2B: The Classroom and The Home: The Psychology and Economics of Education and Family, Amanda Neuber, Moderator, Room 220


**Alexis Bendl**, Psychology major, *Social Anxiety and Emoji Use: Exploring the Impact of Mental Health Issues on Digital Communication*, Supporting Faculty: Johanna Jarcho, Supporting Program: CLA Liberal Arts Undergraduate Research Award

**Jessica Chapman**, Psychology major, *Under Fire: Examining the Effects of Book Bans on Classroom Learning Environments*, Supporting Faculty: Kathy Hirsh-Pasek

**Sydney Lempert**, Psychology major, *The Relationship between Maternal Trait Anxiety and Family Accommodation in Clinically Anxious Youth*, Supporting Faculty: Philip Kendall

**Gretl Merges**, Economics major, *The Impact of Education on Female Participation in the Olympics*, Supporting Faculty: William Stull

Session 2C: Sex Ed to Heal Society: Understanding and Combating Gender Violence and Patriarchy, Laura Sinko, Moderator, Room 217C


**Julia Levin**, Gender, Sexuality and Women’s Studies major, *Sex Education as Harm Reduction Treatment for Adolescent Male Sex Offenders*, Supporting Faculty: Jennifer Pollitt

**Giavanna Plaza-Martinez**, Gender, Sexuality and Women’s Studies major, *Gender Violence in the NTCA: Rooted in Colonialism and Globalization*, Supporting Faculty: Jennifer Pollitt

Session 2D: Global Right Wing: The Evolution of Illiberal Nationalisms Past and Present, Richard Deeg, Moderator, Room 217D

**Hanna Lee**, Political Science major, *An Emergence of Misogyny in South Korean Politics*, Supporting Faculty: Mark Pollack

**Eve Snyder**, Adult and Organizational Development and Secondary Education-Social Studies major, *Taking Down the New Left: FBI Surveillance of Left and Right-Wing Extremist Groups*, Supporting Faculty: Alan McPherson

**Shreya Sridhar**, Psychology major, *The Post-Colonial Pursuit of Identity: A Determination of the Primary Cause of Religious Nationalism Across South Asia*, Supporting Faculty: Mark Pollack
12:30pm – 1:50pm

Poster Session
Room 200BC

Audeva Agyeman, Psychology major, *Destigmatizing Mental Health: Empowering Black Students at Temple University*, Supporting Faculty: Jason Del Gandio

Carmel Alexander, Bioengineering major, *Defining Lymphatic Vascular Transport Parameters in Engineered Adipose Tissue Models of Lipedema*, Supporting Faculty: Evangelia Bellas, Supporting Program: Diamond Research Scholars Program

Ava Arteaga, Communication and Social Influence major, *The Struggles of Women in a Stigmatized Caste*, Supporting Faculty: Dana Saewitz

Alex Barone, Psychology major, *Do Digital Media Habits Impact the Ability to Distinguish between Human and AI Materials?*, Supporting Faculty: Jason Chein, Supporting Program: CLA Liberal Arts Undergraduate Research Award

Ryan Bechutsky, Natural Sciences major, Anthony Joson, Biochemistry major, Logan Meyers, Chemistry major, *Analysis of Student Use of Interactive Organic Reaction Animations (iORA)*, Supporting Faculty: Steven Fleming

Claire Becker, Neuroscience major, *Effects of Spotted Lanternfly Presence on Social vs Solitary Hymenoptera Community Composition*, Supporting Faculty: Matthew Helmus

Mahasin Bintuabdulkareemidris, Film and Media Arts major, *The Missing Couple: The Lack of Representation of Black Women and South Asian Men In Romance Films*, Supporting Faculty: Chet Pancake, Supporting Program: Diamond Research Scholars Program

Jacob Bonadio, Bioengineering major, *Using Gene Drive Systems to Modify and Suppress Drosophila Populations*, Supporting Faculty: Elisabeth Russell McKenzie

Travis Bordner, Biology major, *RNA Binding Protein FXR1 is a Methylated RNA Reader*, Supporting Faculty: Michael Autieri, Supporting Program: CST Undergraduate Research Program

Grace Brazunas, Environmental Studies major, *Anti-Queer Bias in Endocrine Disrupting Chemical Research and Discourse*, Supporting Faculty: Amelia Duffy-Tumasz

Emily Brennan, Psychology major, *Gender Identity and Stereotypes as a Moderator between Sexual Minority Young Women, Depression and Substance Use*, Supporting Faculty: Deborah Drabick

Anna Callahan, Psychology major, *Validating an Automated Scoring System in a Non-Immersive Virtual Reality Assessment of Everyday Functioning*, Supporting Faculty: Tania Giovannetti, Supporting Program: CLA Liberal Arts Undergraduate Research Award

Alex Capalbo, Psychology major, Julia Zortea, Psychology major, *Proxemic Theory: Exploring Human Comfort and Navigation in Autonomous Mobile Robots*, Supporting Faculty: Donald Hantula, Supporting Program: CLA Liberal Arts Undergraduate Research Award

Julie Chen, Biochemistry major, *Investigating the Activation of MutLa Through its DNA Binding Mechanism*, Supporting Faculty: Carol Manhart, Supporting Program: CST Undergraduate Research Program
12:30pm – 1:50pm

**Poster Session**
Room 200BC

**Chelsea Chiappetta**, Genomic Medicine major, *SHIV.D Neuroinflammation and Viral Reservoir Presentation within Rhesus Macaque Brain after 6 Months of Antiretroviral Therapy (ART)*, Supporting Faculty: Tricia Burdo

**Sarah Chung**, Biology major, *Shaping Contemporary Chinese Communities: The Enduring Social Ties of Chinese Exclusion and Early Chinese Immigration*, Supporting Faculty: Bryant Simon

**Thais Costa Macedo De Arruda**, Neuroscience major, *Unpacking Social Impairment in those with Opioid Use Disorder: Linking Impulsivity, Childhood Trauma, and the Prefrontal Cortex*, Supporting Faculty: Laura Sinko, Supporting Program: Diamond Research Scholars Program

**Nene Coulibaly**, Computer Science major, *Unveiling Medical Mysteries: Granger Causality*, Supporting Faculty: Hayan Lee

**Nathan Duda**, Genomic Medicine major, *Functional Diversification of Duplicate Genes in Drosophila*, Supporting Faculty: Rob Kulathinal, Supporting Program: CARAS Project Grant

**Grace Dulin**, Political Science major, *The Impact of Polish Democratic Backsliding on the Experiences of Queer Poles*, Supporting Faculty: Mark Pollack

**Mia Engle**, Biology major, *Invertebrate Diversity in Differing Levels of Disturbance*, Supporting Faculty: Mariana Bonfim

**Hannah Evans**, Health Professions major, **Elizabeth Masciantonio**, Nursing major, *Illuminating Barriers to Help-Seeking For Young Adult Survivors of GBV*, Supporting Faculty: Laura Sinko

**Lauren Ewell**, Psychology major, *Regal*, Supporting Faculty: Helen Schmidt

**Emily Farrell**, Media Studies and Production major, *In Our Jeans: Denim as a Lens to View Caste’s Presence in American Society*, Supporting Faculty: Dana Saewitz

**Trinity Flores**, Horticulture major, *Beneath the Aftermath: Exploring Soil Respiration in Temple’s Tornado-Disturbed Forest*, Supporting Faculty: Josh Caplan, Supporting Program: CARAS Project Grant

**Bridget Frame**, Political Science major, *Sticky Fingers: A Study on Retail Crime in Philadelphia*, Supporting Faculty: Bryant Simon, Supporting Program: Diamond Research Scholars Program

**Isabel Franco**, Psychology major, *Unlocking Learning Potential: Exploring How English Proficiency Influences Accessibility to Disability Resources for Children in Low-Income Families*, Supporting Faculty: Kathy Hirsh-Pasek

**Rebecca Fulds**, Psychology major, *Examining the Role of Impulsivity in the Relationship between Reward Sensitivity and Non-Suicidal Self-Injury During Adolescence and Early Adulthood*, Supporting Faculty: Lauren Alloy

**Madeline Funk**, Psychology major, *Investigating Cognitive Deficits Elicited by Chronic Heroin Self-Administration in Male and Female Rats*, Supporting Faculty: Mathieu Wimmer, Supporting Program: CARAS Project Grant

**Alexis Gallmon**, Africology and African American Studies major, *The Adultification and Labeling of Juveniles: Race, Youth and Criminal Injustice*, Supporting Faculty: Joanne Metzger
Poster Session
Room 200BC

Rachelle Gamboa, Psychology major, Exploring the Impact of Humility, Authenticity, Engagement, and Warmth on Enjoyment in Conversational Interactions, Supporting Faculty: Vishnu Murty

Caroline George, Neuroscience major, Little Brain, Big Interactions: Examining Functional Connectivity between the Cerebellum and the Cortex for Fear Response, Supporting Faculty: Ingrid Olson, CARAS Project Grant

Renee Goga, Biology major, Early Life Adversity’s Impact on Cocaine Seeking Behavior, Supporting Faculty: Mathieu Wimmer

Sneha Gonipati, Biology major, Racial Disparities in Lung Transplantation: UNOS Database Analysis, Supporting Faculty: Md. Kashem

Kimberly Gucciardi-Kriegh, Communication and Social Influence major, Fatphobia’s Roots in Anti-Blackness- Exploring the History, Impact, and Significance, Supporting Faculty: Allie Miller

Nala Hamilton, Biology major, Supporting Program: Diamond Research Scholars Program, An Nguyen, Biochemistry major, Escape From X-inactivation: A Genomic Mechanism for Sex Disparities in Cancer and Autoimmune Disease, Supporting Faculty: Rob Kulathinal

Grace Hodges, Ecology, Evolution and Biodiversity major, Assessing Impact of Current Management Practices on Female Spotted Lanternfly Populations, Supporting Faculty: Brent Sewall, CARAS Project Grant

Kai Jacketti, Chemistry major, Determination of the Effects of DNA Topology for Enhanced Activity of Mismatch Repair Proteins, Supporting Faculty: Carol Manhart, Supporting Program: CST Undergraduate Research Program

Salvin Kabir, Biology major, Targeting Talin-Induced Integrin Activity with Natural Product Molecules: A Potential Approach in Cancer Therapy, Supporting Faculty: Jinhua Wu, Supporting Program: Diamond Research Scholars Program

Ishika Kohli, Neuroscience major, Understanding the Role of Anxiety in Planfulness Across the Lifespan, Supporting Faculty: David Smith, Supporting Program: CARAS Project Grant

Jammie Letona, Psychology major, Exploring the Relationship between Gender and Performance on a Non-Rigid Spatial Task, Supporting Faculty: Elizabeth Gunderson

Rachel Linhart, Ecology, Evolution and Biodiversity major, How Does the “Countcolors” Package for R Compare to Image Analysis Software for the Quantification of UV Images for White-Nose Syndrome?, Supporting Faculty: Brent Sewall

Abby Losey, Psychology major, Understanding the Unspoken: Comprehension and Communication of Uncertainty in Gestures, Supporting Faculty: Thomas Shipley, Supporting Program: CLA Liberal Arts Undergraduate Research Award

Esmeralda Lua, Biology major, The Impact of Cigarette Smoke and Ethanol Co-Exposure on Mice, Supporting Faculty: Karim Bahmed

Imene Mancer, Biology major, Unlocking Healthcare Communication: A Sociolinguistic Exploration in Clinical Settings, Supporting Faculty: Bryant Simon
Poster Session
Room 200BC

Willa Mazullo, Psychology major, Developmental Shifts in Recognition Memory for Multimodal Naturalistic Bindings (Animal Sounds), Supporting Faculty: Nora Newcombe

Isabella McCooey, Psychology major, Peer Processes Moderate the Relation between Callous-Unemotional Traits and Oppositional Defiant Disorder Symptoms among Minoritized Children, Supporting Faculty: Deborah Drabick

Mya McKeown, Communication and Social Influence major, The Media Habits of QAnon Followers and Their Consequences, Supporting Faculty: Bruce Hardy, Supporting Program: CST Undergraduate Research Program

Kelly Meinert, Biology major, Invasive Pioneer Plant Species Presence in Differently Disturbed Temperate Old-Growth Forests, Supporting Faculty: Brent Sewall, Supporting Program: CARAS Project Grant

Keydy Mendez, Neuroscience major, Determining the Behavioral Adaptations of Mice to Variable Food Availability, Supporting Faculty: Ames Sutton Hickey

Misato Okamoto, Chemistry major, Applications of Acetal Radicals: 1,2-Diol Coupling, Supporting Faculty: Daniel Kim, Supporting Program: Undergraduate Research Program

Jessica Pan, Biology major, Assessing Individual Differences in Navigation: Do Paradigms Converge?, Supporting Faculty: Nora Newcombe

Vaishnave Parameswaran, Public Health major, Rasam Remedy: Type II Diabetes Prevention in the Tamil-American Population, Supporting Faculty: Susannah Anderson

Ava Pasewicz, Psychology major, The Association between Maladaptive Exercise and Food Cravings in a College Sample, Supporting Faculty: Eunice Chen

Leon Passarelli-Roberts, Neuroscience: Cellular and Molecular major, Impact of the Estrous Cycle on Nicotine Consumption Behavior in Mice, Supporting Faculty: Elisabeth Russell McKenzie

Sraavya Pinjala, Biology major, Chemogenetic Manipulation of Indirect Pathway in Parkinson’s Disease via Subthalamic Nucleus Compares Favorably to AAV-GAD Therapy, Supporting Faculty: George Smith

Sadia Rahat, Biochemistry major, Identifying Nick Recognition Sites in the Mlh1-Pms1 Mismatch Repair Endonuclease, Supporting Faculty: Carol Manhart, Supporting Program: Undergraduate Research Program

Darien Reyes, Genomic Medicine major, Exploring the Therapeutic Potential of Cannabinoid Analogues for Antitumor Activity in Colon Cancer Cells, Supporting Faculty: Ana Gamero, Supporting Program: CST Undergraduate Research Program

Jayson Reyes, Biology major, Investigating the Therapeutic Potential of Cannabinoid Analogues in Liver Cancer, Supporting Faculty: Ana Gamero, Supporting Program: CST Undergraduate Research Program

Alexandra Reyes, Public Health major, Balikbayan: A Public Health Program Proposal Addressing Overnutrition among Filipino American Teens, Supporting Faculty: Melody Slashinski
Poster Session
Room 200BC

Kyle Ross, Psychology major, Investigating Children’s Susceptibility to Adults’ Influence with the Internet, Supporting Faculty: Kathy Hirsh-Pasek

Kate Ryan, Advertising major, Children's Advertising: What it Looks Like in Today’s Society, Supporting Faculty: Dana Saewitz

Sarah Sahotra, Biology major, Restoring VHL interactions in Mutant Clear Cell Renal Cell Carcinoma with Small Molecules, Supporting Faculty: John Karanicolas

Luke Sauers, Biology major, Loss of Mitochondrial Calcium Uniporter Channel Regulation in Alzheimer's Disease, Supporting Faculty: John Elrod, Supporting Program: CST Undergraduate Research Program

Benjamin Sawicki, Biology major, A Review of Antibiotic Resistance Genes from Wastewater Treatment Plants and Emerging Treatment Methods, Supporting Faculty: Gangadhar Andaluri

Nicholas Scheri, Psychology major, Predicting Infant Fine Motor Skills at 14 Months from Earlier Grasping Kinematics, Supporting Faculty: Peter Marshall, Supporting Program: Diamond Research Scholars Program

Emily Starks, Political Science major, Jair Bolsonaro’s Destruction of Environmental Governance, Supporting Faculty: Mark Pollack

Elaina Symes, Biology major, "Pre-med is hard": An Evaluation of the Pre-Medical Experience at Temple University, Supporting Faculty: Lauren Olsen, Supporting Program: CLA Liberal Arts Undergraduate Research Award

Ola Szmacinski, Neuroscience: Cellular and Molecular major, Effects of Troriluzole on Methamphetamine Withdrawal-Induced Anxiety and Depression: A Potential Cytokine-Related Mechanism?, Supporting Faculty: Scott Rawls

Claudine Van Arman, Psychology major, Psychotic-Like Experiences and Obsessive-Compulsive Symptoms: The Role of External Locus of Control, Supporting Faculty: Lauren Ellman

Noel Varghese, Biology major, Evaluate the Environmental Impact of Cigarette Butts Using Cultured Cells, Supporting Faculty: Ang Sun, Supporting Program: CARAS Project Grant

Suruthikha Vijay, Bioengineering major, Understanding Protein Adsorption on High Flux Hemodialyzers: Insights from Infrared Spectroscopy and Imaging, Supporting Faculty: Rouzbeh Tehrani, Supporting Program: Diamond Research Scholars Program
Session 3A: Voices Raised and Resonated, Scott Gratson, Moderator, Room 200A
Rylan Epstein, Communication Studies and Media Studies and Production major, Words to Fell a Pillar, Supporting Faculty: Dana Saewitz
Yaxin Zhang, Communication Studies major, Cultural Impact of Family and Examination-Oriented Education on Adolescent Behavior in China, Supporting Faculty: Dana Saewitz
Ray Epstein-Shuman, English major, Two Threads of the Same Cloth: The Strands of #MeToo, Supporting Faculty: Jason Del Gandio

Session 3B: From Margins to Mainstream: Subcultures, Community, and Society, Eileen Ryan, Moderator, Room 220
Tom Digiovanni, History major, Surfing's Forgotten Frontier: Maine Surfing Culture, Supporting Faculty: Travis Glasson
Anna Durning, History major, Cé Leis Thú1: Lesbian Communities in Ireland (1970-1999), Supporting Faculty: Carissa Harris
Nideen Froukh, History major, From Palestine to Paterson: How Food Culture Has Shaped the Palestinian-American Identity Post-Nakba, Supporting Faculty: Seth Bruggeman
Arthur Sullivan, History major, 13th Street Changed, Supporting Faculty: Eileen Ryan

Session 3C: Let’s Talk About Sex: The Impact of Misinformation on Sexual and Social Health, Ifetayo Maria Flannery, Moderator, Room 217C
Claudia Goldman, Psychology and Art Therapy major, Vulva: A Comprehensive Guide to the External Genitalia, Supporting Faculty: Jennifer Pollitt
Jack Kleiner, Gender, Sexuality and Women’s Studies major, Crisis Averted: A User’s Guide to Real Reproductive Care (And Avoiding Fake Pregnancy Centers), Supporting Faculty: Jennifer Pollitt
Shelby Kubicka, Gender, Sexuality and Women’s Studies major, Dobbs v. Jackson Women’s Health Organization: Gender Stereotypes and Assumptions in the Language of the Supreme Court, Supporting Faculty: Jennifer Pollitt, Supporting Program: CARAS Project Grant
Sirina Tiwari, Psychology major, Do Conspiracy Beliefs About HIV and Medical Mistrust Account for an Association between Anxiety and Engagement in HIV Care?, Supporting Faculty: Will Vincent, Supporting Program: CLA Liberal Arts Undergraduate Research Award

Session 3D: Quantitative Approaches, Environmental Impacts, and Disease, Michael Lawlor, Moderator, Room 217D
Christopher Heitmann, Mathematics major, New Examples of Fixed Point Free and Contractive Maps, Supporting Faculty: Jeremy Sivek, Supporting Program: CST Undergraduate Research Program
Sofia Mehmood, Bioengineering major, Elucidating Osteoporosis: Insights in Tissue-Level Analysis of Human Bone Biopsies Using O-PTIR, Supporting Faculty: William Querido, Supporting Program: CARAS Travel Grant
Sabrina Murodova, Chemistry major, Mohammed Sorour, Chemistry major, Benchmarking the Performance of Different Methods to Generate UV/Vis Absorption Spectra for Phenoxazine, Supporting Faculty: Spiridoula Matsika
Tanishka Shah, Environmental Engineering major, Microplastic Contamination in the Delaware River, Supporting Faculty: Gangadhar Andaluri

Session 3E: Sport, Speech, and Song: Pathways into Memory and Cognition, Hongling Xie, Moderator, Room 217B
Angelina Fulton, Psychology major, Enhanced Working Memory Associated with Organized Athletic Activities, Supporting Faculty: Isabelle Chang
Megan Gunther, Psychology major, The Relationship between Athletic Participation and Attentional Focus, Supporting Faculty: Isabelle Chang
Sara Parker, Psychology major, Musical Minds: A Study on the Effects of Music Lessons on Cognitive Flexibility, Supporting Faculty: Isabelle Chang
Melissa Rosahl, Psychology major, Speech Analysis as a Potential Early Detection Tool for Mild Cognitive Impairment, Supporting Faculty: Tania Giovannetti, Supporting Program: CLA Liberal Arts Undergraduate Research Award
Session 4A: Diverse Functions and Features, Scott Gratson, Moderator, Room 200A

Shuyu Fan, Communication Studies major, Difficulties Faced by Chinese Women and the Reasons for Their Formation, Supporting Faculty: Dana Saewitz

Fernando Gaxiola, Communication and Social Influence major, Filadelfia: Stories of Mexican Community and Culture in the City of Brotherly Love, Supporting Faculty: Saleem Ahmed, Supporting Program: CARAS Project Grant

Nicole Huff, Communication Studies major, Disrupting Caste, Supporting Faculty: Dana Saewitz

Destinie Jecrois, Advertising major, How Do Jingles Affect Consumer Behavior?, Supporting Faculty: Sherri Culver

Kyle Osborne, Political Science major, “Tres Amigos”: Mediated Populism and the Spectacle of Political Communication, Supporting Faculty: Gui G. Caliendo

Session 4B: Religion, Race, and the State: Reckoning with Identity from Local to Global, Travis Glasson, Moderator, Room 220


Tyler Brown, History major, Black, White, and Read All Over: The Impact of Race on Press Coverage of Major League Baseball in Philadelphia, 1945 to 1963, Supporting Faculty: Bryant Simon

Christopher Klakakis, History major, The Cross, Crescent, and Star: Diplomacy and Statecraft in Ninth to Tenth Century Byzantine-Islamic Relations, Supporting Faculty: E.V. Mul hern Barnes


Emilio Solorzano, History major, The Influence of Media and Religious Icons on the Mexican Revolution, Supporting Faculty: Monica Ricketts

Session 4C: Transforming Genre: Representing Modern Life through Art and Design, Lauren Whearty, Moderator, Room 217C


Quinn Dowd, Painting major, Working, Supporting Faculty: Gerard Brown, Supporting Program: CARAS Project Grant

Syz Angelini, Environmental Studies and Painting major, Wrong Place, Wrong Time, Supporting Faculty: Gerard Brown, Supporting Program: CARAS Project Grant

Genevieve Ehrman, Painting major, Masters and Muses: Recasting the Feminine Image, Supporting Faculty: Gerard Brown, Supporting Program: CARAS Project Grant

Session 4D: Innovations in Materials Science and Chemistry, Vincent Voelz, Moderator, Room 217D

Campbell Bache, Chemistry major, Designer Acetal Reagents: Trifluoroacetylation of Electron-Deficient Compounds, Supporting Faculty: Daniel Kim, Supporting Program: CST Undergraduate Research Program

Jessica Kolora, Natural Sciences major, WO3 as Afterglow Photocatalyst for Degradation of Azo Dyes to Combat Water Pollution, Supporting Faculty: Eric Borguet, Supporting Program: CST Undergraduate Research Program

Wasim Nawaj, Chemistry major, Belinta Simiyu, Chemistry major, Self-Assembly and Characterization of Alkanethiols on SiO2 Surfaces, Supporting Faculty: Eric Borguet, Supporting Program: CST Undergraduate Research Program

Lauren Towers, Chemistry major, Underestimated Impact of Solvent Exchange on the Adsorption Capacity of Metal-Organic Frameworks, Supporting Faculty: Eric Borguet, Supporting Program: CST Undergraduate Research Program

Emily Vergara-Pimentel, Chemistry major, Vicinal Diol Arylation via Acetal Radicals, Supporting Faculty: Daniel Kim