

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

9:30am – 10:50am

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

Maria 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: Ziyang 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

Valerie Pendrak, Communication Studies major, *What Works and What Doesn't? Exploring the Implementation of an Elementary Intramural Sports Program*, Supporting Faculty: Gareth Jones, 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

11:00am – 12:20pm

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 Mummies*, 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

Akash Banerjee, Economics major, *Effects of Parental Labor Shares on Household Child-Care Expenditures*, Supporting Faculty: William Stull

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

Reiley Bagenstose, Gender, Sexuality and Women's Studies major, *Sex Ed Saves Lives: How Comprehensive Sex Education Can Prevent Gun Violence in America*, Supporting Faculty: Jennifer Pollitt

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 Bintuabdukkareemidris, 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 MutL α 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 Adulthood and Labeling of Juveniles: Race, Youth and Criminal Injustice*, Supporting Faculty: Joanne Metzger

12:30pm – 1:50pm

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-Krieger, 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 Mancor, Biology major, *Unlocking Healthcare Communication: A Sociolinguistic Exploration in Clinical Settings*, Supporting Faculty: Bryant Simon

12:30pm – 1:50pm

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: CARAS Project Grant

Kelly Meinert, Biology major, *Invasive Pioneer Plant Species Presence in Differently Disturbed Temperate Old-Growth Forests*, Supporting Faculty: Brent Sewall, Supporting Program: CST Undergraduate Research Program

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

Vaishnav 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

12:30pm – 1:50pm

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

2:00pm – 3:20pm

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

Ray Epstein-Shuman, Communication and Social Influence major, *Two Threads of the Same Cloth: The Strands of #MeToo*, Supporting Faculty: Jason Del Gandio

Yaxin Zhang, Communication Studies major, *Cultural Impact of Family and Examination-Oriented Education on Adolescent Behavior in China*, Supporting Faculty: Dana Saewitz

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

Lex Nowak, History major, *The Naked Lie: Images of Bras and Womanhood in Harper's Bazaar, 1960-1970*, Supporting Faculty: Seth Bruggeman

Arthur Sullivan, History major, *13th Street Changed*, Supporting Faculty: Danya Pilgrim

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: Jeromy Sivek, Supporting Program: CST Undergraduate Research Program

Sofia Mehmoed, 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

3:30pm – 4:50pm

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

Aleem Ahmed, History major, *The Perseverance of Muslim African Slaves Through Religious Practices in Coastal America*, Supporting Faculty: Hilary Lowe

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 Klapakis, History major, *The Cross, Crescent, and Star: Diplomacy and Statecraft in Ninth to Tenth Century Byzantine-Islamic Relations*, Supporting Faculty: E.V. Mulhern Barnes

Madelyn Leonard, History major, *"Change Is Gonna Come": WDAS, Georgie Woods, and the Local Civil Rights Movement, 1957-1970*, Supporting Faculty: Ralph Young

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

Russell Berg, Historic Preservation major, *Complex Resonance: Complementary Contrast in the Works of Mitchell/Giurgola and Venturi Scott Brown and Associates*, Supporting Faculty: Pablo Meninato

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