

# TURF-CreWS 2018 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: Issues of Identity in the Creative Arts, 200A

Session 1B: US and the World, 200B

Session 1C: Arthropods and Environment/Electronic Properties of Matter, 217C

Session 1D: Crossing Boundaries of Representation: Reflections from Honors Advertising, 217D

Session 1E: Efforts to Reduce Disparities in Health and Healthcare, 220

Session 1F: Psychology in Education, 217B

Session 1G: Barriers to Development and Democracy, 223

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

Session 2A: Manifestations of Culture: Heritage and Identity, 200A

Session 2B: Psychology Honors Program Research, 200B

Session 2C: Chemistry and Materials Science: Synthesis and Interactions between Matter and Electromagnetic Radiation, 217C

Session 2D: Reflection on Movements and Changes in the Public Sphere, 217D

Session 2E: Art, Iconography, and Controversy, 220

Session 2F: War and Politics in History, 217B

Session 2G: Social Commentary in Art and Popular Culture, 223

Session 2H: Economics Research, 217A

### **12:30pm – 1:50pm**      **Poster Session, 200C**

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

Session 3A: Politics, Elections and Voting, 200A

Session 3B: Historical Identity from the British Aristocracy to the Phillies, 200B

Session 3C: Examining Equity and Access in Higher Education, 217C

Session 3D: Theory and Creativity: An Intersection of Application, 217D

Session 3E: Sports and Society: Gender, Youth, and Ethics, 220

Session 3F: Psychological Research, 217B

Session 3G: State Intervention and the Economy, 223

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

Session 4A: Making Music in Time and Space, 200A

Session 4B: Social Science Research, 200B

Session 4C: Mathematics, Machines, and Man: Learning through Their Interactions, 217C

Session 4D: Identity, Communication, and the Intersection of Meaning, 217D

Session 4E: Sports and Society: Gender, Youth, and Culture, 220

Session 4F: Historical and Social Constructs of Masculinity, 217B

Session 4G: Ethics and Security in Contemporary Practice, 223

9:30am – 10:50am

**Session 1A: Issues of Identity in the Creative Arts**, Zach Martin, Moderator

200A

**Julia Kay**, Painting major, *Ambiguous Spatial Dimension*, Supporting Faculty: Gerard Brown, Sponsoring Program: Diamond Research Scholars Program

**Autumn Wallace**, Painting; Ceramics major, *The Origins of Respect[ability]*, Supporting Faculty: Philip Glahn, Sponsoring Program: CARAS Project Grant

**Justin Asaraf**, Film major, *Jewtronica: the Future of Jewish Music*, Supporting Faculty: Fred Duer, Sponsoring Program: Vice Provost for the Arts Student Grant for Research and Creativity

**Caitlin McGrory**, English major, *Exploding the Catalog: Robin Coste Lewis's Voyage of the Sable Venus*, Supporting Faculty: Jena Osman

**Zachary Marshall**, English major, *Resurrection Through Elegy: Douglas Kearney, Wanda Coleman, and the Power of Homage*, Supporting Faculty: Jena Osman

**Session 1B: US and the World**, Jay Lockenour, Moderator

200B

**Christopher Chau**, History; Political Science major, *Cost of Imperialism: Decline of French-American Relations during the Cold War*, Supporting Faculty: Alan McPherson

**Tom Golebiowski**, History major, *Which Was the Most Significant Factor in Causing the United States to Intervene in Guatemala in 1954: Business Interests or Anti-Communism?*, Supporting Faculty: Alan McPherson

**Pearl Joslyn**, History; Global Studies major, *U.S. Refugee Policy: Latin America and Cold War Interests*, Supporting Faculty: Alan McPherson

**Amanda Morrison**, Global Studies major, *The Greatest Moral Question: The United States and Jewish Refugees During the Holocaust*, Supporting Faculty: Alan McPherson

**Session 1C: Arthropods and Environment/Electronic Properties of Matter**, Jeromy Sivek, Moderator

217C

**Daniel Turner**, Environmental Science; Spanish major, *The Strength of Biological Control from Ground-Level Arthropod Predators across an Urbanization Gradient in Southeastern Pennsylvania*, Supporting Faculty: Jocelyn Behm, Sponsoring Program: Diamond Research Scholars Program, CST Undergraduate Research Program

**Brooke Quinn**, Biology major, *Can Learning Speed Perturbation Recovery following Voluntary Limb Loss in Tarantulas?*, Supporting Faculty: Tonia Hsieh, Sponsoring Program: Science Scholars Program

**Marcus Forst**, Physics major, *Growing Large Area, Uniform, Monolayer Molybdenum Disulfide Films*, Supporting Faculty: Maria Iavarone, Sponsoring Program: Diamond Research Scholars Program, CST Undergraduate Research Program

**Aaron Kaplan**, Physics major, *Collapse of the Electron Gas from Three to Two Dimensions: A Challenge to Density Functional Theory*, Supporting Faculty: John Perdew

9:30am – 10:50am

**Session 1D: Crossing Boundaries of Representation: Reflections from Honors Advertising**, Dana Saewitz, Moderator  
217D

**Alexandra Cahanap**, Advertising major, *The Penetration of Porn in Society*, Supporting Faculty: Dana Saewitz

**Liana King**, Undecided major, *Social Media: A Breeding Ground for Energy or Apathy?*, Supporting Faculty: Dana Saewitz

**Jonathan Mason**, Communication; English major, *The State of Transgender Representation in Television: Examining How Media Depicts "America's Most Vulnerable Minority" in 2017*, Supporting Faculty: Dana Saewitz

**Emily Trinh**, Communication Studies major, *Crossing Borders: the Rise of the Hallyu Wave*, Supporting Faculty: Dana Saewitz

**Session 1E: Efforts to Reduce Disparities in Health and Healthcare**, Heather Gardiner, Moderator  
220

**Patrick Kelly**, Public Health major, *Factors Impacting Older Latina's Likelihood of Registering as Posthumous Organ Donors*, Supporting Faculty: Heather Gardiner

**Mikala Moorech**, Psychology major, *Organ Donation and Donor Registration Attitudes, Knowledge, and Behaviors among Older Hispanic Women and Hispanic Community Health Workers*, Supporting Faculty: Heather Gardiner

**Melanie Schupler**, Public Health major, *Body Mass Index as a Contraindication to Kidney Transplant*, Supporting Faculty: Heather Gardiner

**Yatta Suah**, Public Health major, *Transplant-Related Communication among Patients with End-Stage Renal Disease: A Systematic Literature Review*, Supporting Faculty: Heather Gardiner

**Session 1F: Psychology in Education**, Courtney Chappelle, Moderator  
217B

**Danielle Hardy**, Psychology major, *The Effect of Inhibitory Control on Reading Level in Kindergarten*, Supporting Faculty: Isabelle Chang

**Willa Meyer**, Psychology major, *The Correlation Between Internalizing Behaviors and School Location*, Supporting Faculty: Isabelle Chang

**Ai Leen Oon**, Psychology major, *Bilingualism and Cognitive Flexibility*, Supporting Faculty: Isabelle Chang

**Session 1G: Barriers to Development and Democracy**, Rebecca Alpert, Moderator  
223

**Rebecca Johnson**, Political Science major, *The Effect of Corruption Levels on Foreign Direct Investment*, Supporting Faculty: Roselyn Hsueh

**Kathryn Prell**, Global Studies major, *Neoliberal Economic Development and Its Effect on Indigenous Communities in the Peruvian Andes*, Supporting Faculty: Mark Pollack

**Anna Smith**, Global Studies major, *Foreign Aid and Development in the Democratic Republic of the Congo: An Analysis of International Barriers To Development*, Supporting Faculty: Mark Pollack

**Morgan Rowe**, Political Science; English major, *Venezuela's Debt Crisis*, Supporting Faculty: Danielle Scherer

**Anna Panutsa**, Political Science major, *Democratic Norms and Identity-Based Violence: The Role of Democracy in Ukraine and the Former Yugoslavia*, Supporting Faculty: Roselyn Hsueh

11:00am – 12:20pm

**Session 2A: Manifestations of Culture: Heritage and Identity**, Danielle Scherer, Moderator

200A

**Paige Hill**, Political Science major, *Gender Quotas as Strategy: Exploring the Relationship among International Perceptions of Democracy, Transnational Influence, and Female Representation in Sub-Saharan Africa*, Supporting Faculty: Sarah Bush

**Cian Grouke**, Global Studies major, *UNESCO World Heritage List Inscription Process: Reforming World Heritage Policy and Policy*, Supporting Faculty: Mark Pollack

**Elizabeth Sloane**, Global Studies; English major, *Immigration and Italian Foodways: Identity in Public Spaces*, Supporting Faculty: Mark Pollack

**Cecilia D'Arville**, Global Studies major, *Cultural Loss of the Guarani Tribe*, Supporting Faculty: Danielle Scherer

**Alexander Voisine**, Global Studies; Spanish major, *The Global Acceptance Disparity: The Economics, Politics, and Culture of LGBTI Asylum in the United Kingdom, the United States, and Canada*, Supporting Faculty: Mark Pollack

**Session 2B: Psychology Honors Program Research**, Jackie Graves, Moderator

200B

**Lillian Ham**, Psychology major, *Improving Children's Proportional Reasoning About Discretized Units*, Supporting Faculty: Elizabeth Gunderson, Sponsoring Program: Diamond Research Scholars Program

**Caroline O'Brien**, Psychology major, *Sexual Violence and Abuse in Temple's Queer Community*, Supporting Faculty: Kathy Hirsh-Pasek

**ShaeLynn Trapp**, Psychology major, *Reading the Signs: Increasing Family Talk at Urban Thinkscape*, Supporting Faculty: Kathy Hirsh-Pasek

**Session 2C: Chemistry and Materials Science: Synthesis and Interactions between Matter and Electromagnetic Radiation**, Michael Zdilla, Moderator

217C

**Thi Tran**, Chemistry; Biology major, *Chemical Synthesis of (-)-Melodinine K*, Supporting Faculty: Rodrigo Andrade, Sponsoring Program: CST Undergraduate Research Program

**Jason Tran**, Chemistry; Physics major, *Design and Construction of a Novel All-Reflective Rotational Anisotropy Nonlinear Harmonic Generation Spectrometer*, Supporting Faculty: Darius Torchinsky

**Allison Cutri**, Chemistry major, *Analyzing Out-of-Plane Emission from Gap Mode SERS Substrates*, Supporting Faculty: Katherine Willets

**Aaron McLeod**, Chemistry major, *Super-Resolution Imaging of Fluorophores Bound to Silica Coated Gold Nanorods*, Supporting Faculty: Katherine Willets, Sponsoring Program: Diamond Research Scholars Program

**Session 2D: Reflection on Movements and Changes in the Public Sphere**, Scott Gratson, Moderator

217D

**Skylar Butler**, Communication Studies major, *The Queer Liberation Movement*, Supporting Faculty: Scott Gratson

**Sierra Guenst**, Communication Studies major, and **Monica Logrono**, Media Studies and Production major, *Lo Ultimo and the Latino Community on Temple's Campus and within Philadelphia*, Supporting Faculty: Peter Jaroff

**Abigail Moore**, Media Studies and Production major, *Avengers in the Void: Nietzsche, Nihilism, and Why We Need Superheroes*, Supporting Faculty: Barry Vacker, Sponsoring Program: Merit Scholarship Educational Enhancement Stipend

**Bridget O'Hara**, Media Studies and Production major, *Encore: Music Education for Social Change*, Supporting Faculty: Kristine Weatherston

11:00am – 12:20pm

**Session 2E: Art, Iconography, and Controversy**, Gerald Silk, Moderator

220

**Olivia Broderick**, Voice Performance major, *Beyond 'Pervert': AIDS, Trauma, and Identity Construction in Catherine Opie's Self-Portraiture*, Supporting Faculty: Gerald Silk

**Courtney Redmon**, Journalism major, *Rockin' with Your Boy, DJ Hennessy Youngman: Parody & Postinternet Art as Institutional Critique*, Supporting Faculty: Gerald Silk

**Amaris Dobson**, Kinesiology major, *Human Zoos: Past and Present*, Supporting Faculty: Gerald Silk

**Masaki Bolte**, Secondary Education Social Studies major, *Memory Set in Stone: The Albert G. Jenkins Monument in Mechanicsburg, Pennsylvania and Contemporary Civil War Remembrance*, Supporting Faculty: Seth Bruggeman

**Joanna Fitzmorris**, Visual Studies major, *Should I Stay or Should I Go? Confederate Iconography in Contemporary Culture*, Supporting Faculty: Teresa Jaynes

**Session 2F: War and Politics in History**, Barbara Gorka, Moderator

217B

**Jeremy Grivensky**, Secondary Education History major, *America's First Constitution: The Articles of Confederation*, Supporting Faculty: Jessica Roney

**Gerald Murray**, History major, *A Perfect Balance: The Aggressiveness and Sobriety of Brevet Major General David McMurtrie Gregg during the Petersburg Siege 13 August- 11 December 1864*, Supporting Faculty: Gregory Urwin

**Benjamin Griffin**, History major, *And Thus We Shall Conquer: the Political and Strategic Dilemmas of Britain and France during the Fall of France and the Proposed Franco-British Union of 1940*, Supporting Faculty: Eileen Ryan

**Olivia Wright**, History major, *'On My World, It Means Hope': Superman as Symbolic Propaganda to Cultural Icon, 1939-1945*, Supporting Faculty: Gregory Urwin

**Alexander Zipf**, History major, *Holding the Line: The Evaluation of the 'Border War' by South African National Serviceman*, Supporting Faculty: Benjamin Talton

**Session 2G: Social Commentary in Art and Popular Culture**, Deirde Kelleher, Moderator

223

**Daphne Bonner**, Theater major, *Life of Galileo as Epic Theatre*, Supporting Faculty: Lindsay Goss

**Matthew Janis**, Musical Theater major, *Everyman: A New Musical*, Supporting Faculty: Lindsay Goss

**Alex Ennes**, English major, *The Function of a Laugh: Bassem Youssef and the Egyptian Revolution*, Supporting Faculty: Alexa Firat

**Spencer Nitkey**, English major, *Simulating Sisyphus: Contemporary Television Antiheroes and the Absurd*, Supporting Faculty: Douglas Greenfield, Sponsoring Program: Diamond Research Scholars Program

**Session 2H: Economics Research**, Lina Richardson, Moderator

217A

**Ngoc Tram Nguyen Pham**, Accounting major, *Compensation of Group of Five College Football Coaches*, Supporting Faculty: Michael Leeds

**David Drennan**, Economics major, *Green on the Rise: Does the Presence of Green-Certified Buildings in a Zip Code Cause Green Gentrification and Increase the Cost of Rent in the Housing Market?*, Supporting Faculty: William Stull

**Michael Fitzpatrick**, Economics major, *The Effects of Opioid Use on the Labor Market: Evidence from Connecticut*, Supporting Faculty: William Stull

**Patrick Hasson**, Accounting; Economics major, *Substitutes or Complements? A Global Analysis of FDI and Exporting*, Supporting Faculty: William Stull

12:30pm – 1:50pm

**Poster Session**

200C

**Tyler Barreto**, Biology major, *Upregulation of GRP78 and Unfolded Protein Response Due to Rhinovirus Infection*, Supporting Faculty: Umadevi Sajjan, Sponsoring Program: CST Undergraduate Research Program

**Shivam Bhakta**, Neuroscience major, *Male Offspring of Morphine-Exposed Sires Show Increased Morphine Self-Administration*, Supporting Faculty: Mathieu Wimmer

**Shayna Black**, Psychology major, *Learning from Our Mistakes: The Effect of Incorrect Examples on Penetrative Thinking Skills*, Supporting Faculty: Thomas Shipley

**Rohan Brebion**, Biochemistry major, *The Role of Exosomes in COPD and IPF*, Supporting Faculty: Beata Kosmider

**Evan Calvo**, Psychology major, *Behavioral Inhibition and Psychotic-Like Experiences in a Non-Clinical, Young Adult Sample*, Supporting Faculty: Lauren Ellman, Sponsoring Program: Diamond Research Scholars Program

**Neil Chada**, Bioengineering major, *Engineered Cell Penetrating Peptides for Molecular Delivery*, Supporting Faculty: Won Suh

**Zainab Chaudhary**, Biology; Psychology major, *Evidence of Positive Selection Acting in a Gene Encoding a Malaria Vaccine Candidate in Plasmodium Vivax*, Supporting Faculty: Maria Pacheco

**Olivia Colarullo**, Psychology major, *Examining How Race and Gender Affect Implicit Attitudes and Decision-Making*, Supporting Faculty: Andrew Karpinski

**Natalie Corbett**, Psychology major, *Clinical Manifestations of Anhedonia in Borderline Personality Disorder*, Supporting Faculty: Thomas Olino

**James Cunneen**, Anthropology; Kinesiology major, *Understanding Knowledge and Prevailing Attitudes toward HIV in Rural Uganda*, Supporting Faculty: Judith Stull, Sponsoring Program: Diamond Research Scholars Program

**Daniel Deegan**, Biology major, *Studying Anthropogenic Threats on the Cold Water Coral, Lophelia pertusa, from the Gulf of Mexico*, Supporting Faculty: Erik Cordes, Sponsoring Program: Diamond Research Scholars Program

**Julia DeVoto**, Biology; Neuroscience major, *Mapping the Splice Products of JC Virus Late Transcripts*, Supporting Faculty: Mahmut Safak, Sponsoring Program: Diamond Research Scholars Program

**Ross Divers**, Psychology major, *Subtle Everyday Errors in Older Adults are Associated with Poor Monitoring and Interference*, Supporting Faculty: Tania Giovannetti, Sponsoring Program: Diamond Research Scholars Program

**Sara Downey**, Neuroscience major, *Molecular Underpinnings of Drug Craving Using Rodent Models*, Supporting Faculty: Mathieu Wimmer, Sponsoring Program: CARAS Project Grant

**Kevin Franklin**, Biochemistry major, *Semi-Synthesis of Albocycline Analogs*, Supporting Faculty: Rodrigo Andrade

**Kelly Franklin**, Biology major, *An Examination of the Spread of Pseudogymnoascus destructans through the Wing Membrane of WNS Infected Little Brown Bats (Myotis lucifugus)*, Supporting Faculty: Brent Sewall

12:30pm – 1:50pm

**Samantha Gilbert**, Music Education Jazz major, *Chronic Fatigue Syndrome, Memory, and the Spontaneity of Improvisation: A Look into the Life and Music of Keith Jarrett*, Supporting Faculty: Greg Kettinger, Sponsoring Program: Diamond Research Scholars Program

**Owen Glaze**, Biochemistry major, *(Z)-Selective Isomerization of Terminal Alkenes Using an Air-Stable Mo(0) Complex*, Supporting Faculty: Graham Dobereiner, Sponsoring Program: Diamond Research Scholars Program

**Vikrant Gokhale**, Management Information Systems major, *Ancestral-Derived Effects on the Mutational Landscape of TCGA Cancers*, Supporting Faculty: Rob Kulathinal

**Heramba Gopi**, Biochemistry major, *Right Ventricular Fibroblasts Respond to Pathological Mechanical and Hormonal Stimuli by Overexpressing the Pro-Fibrotic Regulator MicroRNA-21*, Supporting Faculty: Jeffery Powers

**Nathaniel Greenwood**, Chemistry major, *Synthesis of Chiral Hypervalent Iodine Reagents*, Supporting Faculty: Sarah Wengryniuk

**Emily Grove**, Psychology major, *Threat to the Self Reflects on Memories*, Supporting Faculty: Andrew Karpinski

**Arron Hall**, Psychology major, *Stress, Attention, and the Nucleus Basalis of Meynert*, Supporting Faculty: Debra Bangasser, Sponsoring Program: CARAS Project Grant

**Hoang Ho**, Mathematical Economics major, *Educational Attainment and Wage Differential among Racial Group*, Supporting Faculty: Douglas Webber, Sponsoring Program: Diamond Research Scholars Program

**Alexandra Jones**, Mathematics major, *Functional Evolutionary Genomics of Recent Gene Duplicates in the *Drosophila melanogaster* Lineage*, Supporting Faculty: Rob Kulathinal, Sponsoring Program: CARAS Project Grant

**Ronald Joseph**, Political Science major, *'Machine Town': Panethnic Asian American Identity in Philadelphia Politics*, Supporting Faculty: Joseph Schwartz

**Ian Junker**, Neuroscience: Cellular and Molecular major, *The Effect of PTEN Knockdown on Regeneration of the Corticospinal Tract*, Supporting Faculty: George Smith, Sponsoring Program: CST Undergraduate Research Program

**Esha Kadakia**, Biochemistry; Neuroscience major, *A Comparative Study of the k13 Encoding Gene in Malarial Parasites (genus Plasmodium): The Rate of Evolution of a Gene Associated with Drug Resistance*, Supporting Faculty: Maria Pacheco

**Ethan Kimmett**, Biochemistry major, *Dps Biotitanification: Mineralization of Titanium by the DNA Binding Protein from Starved Cells*, Supporting Faculty: Ann Valentine

**Jenna Leary**, Psychology major, *The Effects of Peer Victimization on Depression: Moderating Effects of Rejection Sensitivity*, Supporting Faculty: Thomas Olino

**Hanna Lefebo**, Neuroscience: Cellular and Molecular major, *Chronic Stress Regulation of Sustained Attention and Cholinergic Dendritic Morphology in Rats*, Supporting Faculty: Debra Bangasser

**Mary (Maggie) Loesch**, Community Development major, *A Snapshot of North Broad*, Supporting Faculty: Edward Traves

12:30pm – 1:50pm

**Poster Session (continued)**

200C

**Camille Lynch**, Biology major, *Curacao Insect Abundance, Richness, and Composition Compared to Landscape Structure*, Supporting Faculty: Jocelyn Behm, Sponsoring Program: CST Undergraduate Research Program

**Dana Macfarlane**, Anthropology major, *Water Quality and Decomposition*, Supporting Faculty: Heather Murphy, Sponsoring Program: Diamond Research Scholars Program

**Mary Mash**, Speech, Language and Hearing Science major, *Effect of Group Size on Language Outcomes Following Conversational Treatment for Aphasia Therapy*, Supporting Faculty: Gayle DeDe, Sponsoring Program: Diamond Research Scholars Program

**Katia Matychak**, Neuroscience: Cellular and Molecular major, *Determining Thermoplasma volcanium and Mycobacterium intracellulare RCK Channel Structures through X-Ray Crystallography*, Supporting Faculty: Brad Rothberg, Sponsoring Program: Diamond Research Scholars Program

**Caitlin McMorro**, Psychology; Economics major, *Differences in Home Learning Environment and Technology Use by Parent Education*, Supporting Faculty: Annemarie Hindman

**Faith Modricker**, Music History major, *American Music of the Revolutionary War*, Supporting Faculty: Steven Zohn, Sponsoring Program: CARAS Project Grant

**Omar Mustafa**, Bioengineering major, *A Novel Microfluidic System for Developing Anti-Inflammatory Therapeutics*, Supporting Faculty: Mohammad Kiani, Sponsoring Program: Diamond Research Scholars Program

**Arjun Nair**, Psychology major, *Effects of Ageing on Navigation Skill*, Supporting Faculty: Nora Newcombe

**Jaclyn Navarro**, Speech, Language and Hearing Science major, *Patient Reported Outcomes and Language Ability in Aphasia*, Supporting Faculty: Gayle DeDe, Sponsoring Program: Diamond Research Scholars Program

**Anh Nguyen**, Journalism major, *After the Fact- Seeing beyond Fact-Checking Trump's Twitter*, Supporting Faculty: Jillian Bauer, Sponsoring Program: Diamond Research Scholars Program

**Xavier Nogueira**, Geology major, *The Effect of Historic Paving Materials on Free Flow Traffic Speed in Philadelphia*, Supporting Faculty: Jeremy Mennis

**Sumaiya Nusrath**, Psychology major, *Profiles of Internalizing and Externalizing Symptoms using a Multi-Informant Approach: The Role of Family Processes*, Supporting Faculty: Deborah Drabick

**Breanna Orlando**, Psychology major, *Explaining Worked Examples in Arithmetic Errors Supports Transfer to Algebra Learning*, Supporting Faculty: Nora Newcombe

**Nicole Owuor**, Neuroscience: Cellular and Molecular major, *Effects of Cannabidiol in a Rat Model of Complex Regional Pain Syndrome (CRPS)*, Supporting Faculty: Sara Jane Ward

**Alice Puchalsky**, Environmental Science major, *The Effects of an Intense Prescribed Fire Regime on a Pennsylvania Land Snail Community*, Supporting Faculty: Brent Sewall, Sponsoring Program: CST Undergraduate Research Program



**12:30pm – 1:50pm**

**Sophia Ragan**, Neuroscience major, *Parent's Question-Asking and Children's Vocabulary Development in a Diverse Sample*, Supporting Faculty: Kathy Hirsh-Pasek

**Sidney Saleh-Kurtz**, Psychology major, *Neural Substrates of Responses to Peer Acceptance and Rejection: The Influence of Negative Parenting Style*, Supporting Faculty: Thomas Olino, Sponsoring Program: LAURA Scholars Program (CLA)

**Julie Schilling**, Psychology major, *Piecing it Back Together: Investigating Spatial Integration of a Small-Scale Array*, Supporting Faculty: Nora Newcombe

**Liam Schmidt**, Economics major, *Income and the Prevalence of Off-Price Apparel Retailers*, Supporting Faculty: William Stull

**Zoe Steinberg**, Neuroscience major, *Behavioral Inhibition as an Early Biomarker for Alzheimer's disease*, Supporting Faculty: Vinay Parikh, Sponsoring Program: LAURA Scholars Program (CLA)

**Manish Suryapalam**, Biochemistry major, *Use of Dual Lumen Cannula (RVAD) for Percutaneous RV Support in Various Clinical Settings: a Case Series*, Supporting Faculty: Manish Suryapalam

**Jebediah Taylor**, Psychology; Philosophy major, *Sensations and Actions in Social Robots: Anthropomorphization Predicts Likability*, Supporting Faculty: Peter Marshall

**Marlea Tremper**, Management Information Systems major, *Financial Literacy and the Supervision to Aid Reentry (STAR) Program*, Supporting Faculty: Jeffrey Boles

**Klavdiya Vasylenko**, Environmental Science major, *Hydrographic Regime of Burrowing Coastal Decapods (Cardisoma/Discolax): Paleo-Environmental Implications*, Supporting Faculty: Ilya Buynevich, Sponsoring Program: CST Undergraduate Research Program

**Maria Velopolcek**, Chemistry major, *Synthesis of Medium Ring Analogues of Podophyllotoxin*, Supporting Faculty: Sarah Wengryniuk, Sponsoring Program: CST Undergraduate Research Program

**Yu Wang**, Chemistry major, *Computational Study of Site-Dependent Activity of CO<sub>2</sub> Reduction Reactions on Transition Metal Nanostructures*, Supporting Faculty: Qimin Yan

**Carman Windom**, Psychology major, *Examination of Gender Differences in the Relationship between Expectancies and Cannabis Use and Abuse*, Supporting Faculty: Eunice Chen

**Haley Wissler**, Biology major, *Development of Novel Imaging Agents For Image-Guided Cancer Therapy*, Supporting Faculty: Ross Wang, Sponsoring Program: Merit Scholarship Educational Enhancement Stipend

**Alyssa Woodard**, Biology major, *What Causes Variation in Floral Longevity in *Sabatia angularis*?*, Supporting Faculty: Rachel Spigler

**Sylvia Zielinski**, Biology major, *Peer Victimization Predicts Neural Response to Social Feedback during the Chatroom Task*, Supporting Faculty: Thomas Olino

2:00pm – 3:20pm

**Session 3A: Politics, Elections and Voting**, Lisa Thayer, Moderator

200A

**Ashley Kolb**, Political Science major, *Did Citizens United Change Interest Group Spending in Campaigns?*, Supporting Faculty: Robin Kolodny

**Charlotte Myer**, Political Science major, *State Variation in 2015-2016 Joint Fundraising Committee Contributions for United States Senate Candidates*, Supporting Faculty: Robin Kolodny

**Lucy Caffrey-Maffei**, Sociology; Spanish major, *Education, Self-Importance, and the Propensity for Political Participation in the United States*, Supporting Faculty: Shanyang Zhao

**Justis Freeman**, Sociology major, *The Effects of Education Level and Political Affiliation on Gun Ownership*, Supporting Faculty: Shanyang Zhao

**Abigail Whitehead**, Political Science major, *Democracy and Liberalism in Philadelphia*, Supporting Faculty: Kevin Arceneaux

**Session 3B: Historical Identity from the British Aristocracy to the Phillies**, Brad Pearson, Moderator

200B

**Dylan Biggs**, History major, *A Knightly Life: The Militant English Aristocracy in the Life of William Marshal, 1146-1219*, Supporting Faculty: Rita Krueger

**Sahar Siddiqi**, English major, *English Queens and Power: From Empress Matilda to Elizabeth I*, Supporting Faculty: Carissa Harris

**Alexandra Brough**, History; Political Science major, *Environmental Exploitation: The Civilian Conservation Corps - Indian Division on the Navajo Reservation, 1932-1945*, Supporting Faculty: Andrew Isenberg

**Ashton Dunkley**, Anthropology; History major, *Other: The Nanticoke Lenni-Lenape and Their Interactions with Native Heritage, 1960-1983*, Supporting Faculty: Andrew Isenberg

**Michael Reardon**, History major, *Philadelphia Baseball's Prejudiced Past: How the Phillies' Failure to Integrate Divided the City*, Supporting Faculty: Seth Tannenbaum

**Session 3C: Examining Equity and Access in Higher Education**, Amanda Neuber, Moderator

217C

**Lauren Castellana**, Biochemistry major, *Affective Qualities as Predictive Correlates of Success in Higher Education Institutions*, Supporting Faculty: Amanda Neuber

**Stephanie David**, General Science with Teaching major, *Defining Risk: Finding the Disconnect between Theory and Practice*, Supporting Faculty: Amanda Neuber

**Emily Jordan**, Secondary English Education major, *High-Achieving Low-Income High School Students and Their Perceptions of Their Ability to be Admitted to Top-Tier Colleges and Universities*, Supporting Faculty: Amanda Neuber

**Sarah Kim**, Social Work major, *Are Test Optional Practices the New Affirmative Action?*, Supporting Faculty: Amanda Neuber

**Sarah Levine**, Neuroscience major, *The First-Generation Safety Network*, Supporting Faculty: Amanda Neuber

**Shali Pai**, Sociology major, *Decision-Making Styles in Asian-American Students Based on Coping with Race-Related Stress*, Supporting Faculty: Amanda Neuber

**Casey Santos**, Strategic Communication major, *Test Optional Admissions Standards and Personal Development*, Supporting Faculty: Amanda Neuber

**Gregory Van Buskirk**, History major, *Is Temple Option Affecting Student Diversity at Temple University?*, Supporting Faculty: Amanda Neuber

2:00pm – 3:20pm

**Session 3D: Theory and Creativity: An Intersection of Application**, Nancy Morris, Moderator  
217D

**Joe Aikeem Gbodai**, Media Studies and Production major, *Cultivate States*, Supporting Faculty: Nancy Morris  
**Ana Isailovich**, Media Studies and Production major, *The Ballad of Albert Bandura*, Supporting Faculty: Nancy Morris  
**Avery Souders**, Communication Studies major, *The Bat-Kid*, Supporting Faculty: Nancy Morris  
**Noah Tanen**, Media Studies and Production major, *Tend towards Defiance: A Poem about Spiral of Silence*, Supporting Faculty: Nancy Morris  
**Alex Wierciszewski**, Media Studies and Production major, *Monkey See, Monkey Do*, Supporting Faculty: Nancy Morris

**Session 3E: Sports and Society: Gender, Youth, and Ethics**, Cory Dulaney, Moderator  
220

**Nicholas Glicker**, Statistical Science and Data Analytics major, *The Physical Consequences of Youth Basketball*, Supporting Faculty: Rebecca Alpert  
**Alison Luu**, Public Health major, *Is Professional Rugby a Violent Sport?*, Supporting Faculty: Rebecca Alpert  
**Ayana Moonah**, Undeclared major, *Was Flo Jo a Cheater?*, Supporting Faculty: Rebecca Alpert  
**Jaime Riley**, Computer Science major, *The Pay Disparity in U.S. Soccer between Genders*, Supporting Faculty: Rebecca Alpert  
**Elana Roman**, Nursing major, *Mental Health Concerns in NFL Athletes*, Supporting Faculty: Rebecca Alpert  
**Julia Soliday**, Nursing major, *Should Helmets Be Required for Youth and Adolescent Soccer Players?*, Supporting Faculty: Rebecca Alpert  
**Tinsa Varughese**, Biochemistry major, *The Popularity of Cricket in India and Its Roots in Colonialism*, Supporting Faculty: Rebecca Alpert

**Session 3F: Psychological Research**, Rita Fierro, Moderator  
217B

**Refa Haj**, Psychology major, and **Feng Xing**, Psychology major, *Sketching versus Summarizing: Interventions to Improve Navigation Proficiency*, Supporting Faculty: Nora Newcombe  
**Italia Hanik**, Psychology major, *Substance Abuse and White Matter*, Supporting Faculty: Ingrid Olson  
**Richard Ho**, Psychology major, *Quixotic Effects of Memory Reactivation on Performance*, Supporting Faculty: Ingrid Olson, Sponsoring Program: LAURA Scholars Program (CLA)  
**Samantha Zajdel**, Psychology major, *Art and Autism Spectrum Disorders: Mapping Symptoms to Visual Elements*, Supporting Faculty: Pamela Joyce Shapiro

**Session 3G: State Intervention and the Economy**, Elizabeth Sweet, Moderator  
223

**Andrew Marth**, Political Science major, *Subsidies Disrupt the Flow of Trade in the Ricardian Trade Model*, Supporting Faculty: Roselyn Hsueh  
**Dylan Arturo**, Global Studies major, *The Collapse of the Venezuelan Economy*, Supporting Faculty: Mark Pollack  
**Saskia Kercy**, Economics; Global Studies major, *From Pearl to Pebble: The Economic Downturn of a Corrupt Island*, Supporting Faculty: Mark Pollack  
**Peter Frey**, Global Studies major, *The Effect of Free Trade in Secondhand Textiles In East Africa*, Supporting Faculty: Danielle Scherer

3:30pm – 4:50pm

**Session 4A: Making Music in Time and Space**, Ed Flanagan, Moderator

200A

**Ethan Wolfe**, Music Education major, *Sounds, Songs and Spaces*, Supporting Faculty: Chad Fothergill, Sponsoring Program: Merit Scholarship Educational Enhancement Stipend

**Kerri Rafferty**, Music History major, *A Reflection of Ourselves in Mahler: Contemporary Concerns and the Author-Construct*, Supporting Faculty: Michael Klein

**Fareed Simpson-Hankins**, Jazz Performance major, *Portrait of the Artist as a Young Man*, Supporting Faculty: Terell Stafford, Sponsoring Program: CARAS Project Grant

**Bailey Fatool**, Music Technology major, *How You Think You Look when You Play Nerf Underscore*, Supporting Faculty: Maurice Wright, Sponsoring Program: CARAS Project Grant

**Christopher Lazzaro**, Music Composition major, *Visualizing an Original Musical Composition in Virtual Reality*, Supporting Faculty: Maurice Wright, Sponsoring Program: Diamond Research Scholars Program

**Session 4B: Social Science Research**, Dana Dawson, Moderator

200B

**Fangzhou Wang**, Criminal Justice major, *Understanding Adversarial Behavior and Movement in Cyberattacks*, Supporting Faculty: Aunshul Rege

**Evan Wise**, Community Development major, *The Effects of Uber in Low-Income Communities*, Supporting Faculty: Elizabeth Sweet, Sponsoring Program: Diamond Research Scholars Program

**Stephanie Hudson**, Criminal Justice major, *Guns on Campus: College Students Perceptions of Their Safety on Campus, the Second Amendment, and Concealed Carry Laws*, Supporting Faculty: Matthew Hiller, Sponsoring Program: LAURA Scholars Program (CLA)

**Jonathan Michalski**, Journalism major, *Finding a Minorities' Place in Sports*, Supporting Faculty: Sonja Peterson-Lewis

**Session 4C: Mathematics, Machines, and Man: Learning through Their Interactions**, Timothy Fukawa-Connelly,

Moderator

217C

**Alex Kopp**, Math and Computer Science with Teaching major, *Informal Content and Student Note Taking in Undergraduate Calculus Classes*, Supporting Faculty: Tim Fukawa-Connelly, Sponsoring Program: CARAS Project Grant

**Nicholas Sisko**, Math and Computer Science major, *Approach to Collatz Conjecture: Graph Representation*, Supporting Faculty: Jeromy Sivek and Charles Osborne

**William Daws**, Computer Science major, *myChess: An Adaptive Chess AI*, Supporting Faculty: Charles Wang

**Session 4D: Identity, Communication, and the Intersection of Meaning**, Scott Gratson, Moderator

217D

**Kayla Raniero**, Communication Studies major, *The Vegan and Animal Rights Community of New York City*, Supporting Faculty: Scott Gratson

**Cindy Ngo**, English major, *Whitewashing of Asians in U.S. Film*, Supporting Faculty: Devon Powers

**Natalie Osei**, Strategic Communication major, *The Marketing of Women in Hip-Hop*, Supporting Faculty: Devon Powers

3:30pm – 4:50pm

**Session 4E: Sports and Society: Gender, Youth, and Culture**, Cory Dulaney, Moderator

220

**Van Sylvia Dao**, Communication Studies major, *Kung Fu in America: Expressions of Cross-Cultural Identity*, Supporting Faculty: Rebecca Alpert

**Joe Hadley**, Data Science major, *The Impact of Tackle Football before High School on Health*, Supporting Faculty: Rebecca Alpert

**Sarah Hurd**, Nursing major, *eSports: The Good, the Bad, and the Future of Technology*, Supporting Faculty: Rebecca Alpert

**Maksym Mykhlyk**, Biology major, *The Progressive Effect of Soccer on Brazil*, Supporting Faculty: Rebecca Alpert

**Sonia Pietrzykowska**, Advertising major, *The Gendered History of Ballet*, Supporting Faculty: Rebecca Alpert

**Maila Turay**, Nursing major, *Should Temple Build a Stadium on Campus?*, Supporting Faculty: Rebecca Alpert

**Ryan Wolpert**, Musical Theater major, *Winning Williams Sisters*, Supporting Faculty: Rebecca Alpert

**Session 4F: Historical and Social Constructs of Masculinity**, Leslie Allison, Moderator

217B

**Evron Hadly**, History; German major, *Magazin fuer Auto-Dekonstruktion': Debating Gender and Gendered Debates in Maennerrundbrief, a Journal of the Autonomous Men's Movement, 1993-2002*, Supporting Faculty: Patricia Melzer

**Abigail Appleton**, Sociology major, *Masculinity, Money, and Class at Horse Betting Locations in Modern United States*, Supporting Faculty: Amanda Czerniawski

**Panagiotis Tzumakaris**, Secondary Education Social Studies major, *Love and Loss: An Interview*, Supporting Faculty: Howard Spodek

**Garwood O'Connor**, Secondary Education Social Studies major, *How Toxic Masculinity Has Shaped Mexico*, Supporting Faculty: Howard Spodek

**Session 4G: Ethics and Security in Contemporary Practice**, Danielle Scherer, Moderator

223

**Erin Heald**, Global Studies major, *It Is Not Legal Anywhere, but Happens Nearly Everywhere: Six Frames of Conceptualizing Human Trafficking Today*, Supporting Faculty: Mark Pollack

**Armon Fouladi**, Actuarial Science major, *The Spirit of the Samurai: The Kamakura Bafuku, the Rise of Bushido, and Their Role in Diplomacy*, Supporting Faculty: Paul Reagan

**Colman Cumberland**, Political Science major, *Legal and Ethical Concerns Surrounding the U.S. Drone Program*, Supporting Faculty: Mark Pollack

**Samantha Anthony**, Global Studies; German major, *ISIS and the 'War Makes States' Path*, Supporting Faculty: Danielle Scherer

**Natalie Gearin**, Art History; Global Studies major, *The State Disturbs Us': Exploring the Effect of Documentary Films on the Process of Obtaining Justice for Victims of State Oppression*, Supporting Faculty: Mark Pollack