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, 2nd 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
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


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


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


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

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

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

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
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 Wengrynuk

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 Trayes
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 McMorrow, 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


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
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


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


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 CO2 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
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
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
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 Czemiawski
Panagiotis Tzumakaris, Secondary Education Social Studies major, Love and Loss: An Interview, Supporting Faculty: Howard Spodek
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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