

Africana Studies

Karie Magloire "The Scars of My Childhood"

Philomena Fitzgerald and Sarah Valentine "The Economic Impact of Peacekeeping. Evidence from South Sudan"

Nakia Robinson "Consumption of the Other - White Gay Men are the New Black Women"

Ketsia Leroy "Black Hair & Gold Chains"

Asian Studies

Mitchell Baker , '22 "Epictetus and Zhuangzi: On the Emotions"

Maire White, '20 "Exploring the Goddess Vasudhara Across Buddhist Art"

Anny Thach , '20 "Creating Nuanced Narratives for Asian Americans" : A mixed media project about the navigation of space and negotiating of Identity from the lens of Education, Family and Self.

Chemistry

William Crowley "Multidentate ligands synthesized via Mannich Condensations and Click Reactions"

Matthew Brush "Terminal Attachment of Alkynes, Amines, and Thiols on Platinum"

Andrea R Bucknam Enantioselective Phosphorylation of Diols

Thomas B Bunnell "Reassignment of the Structure of Gramniphinol B"

Michael J Calcaterra Jr. "GGA as an Inhibitor of AVV Aggregation"

Brian L Carvalho "Copper-catalyzed Approach to Beta Lactams"

Alexandra R Cawood "Protein splicing of an intein from the extremophile Haloferax volcanii"

Angel Chavez "Tryptophan Fluorescence of Haloquadratum walsbyi Salt-Dependent Inteins"

Yunfan Chen "Conductive Alkyne Derived Molecular Layers on Nanoporous Gold"

Cameron Curley "Identification of Protein Interactions Critical for Bacterial Growth Inhibition"

Thomas J Dzwonczyk "Steric Effects on Alkyne Adsorption and Thiol Displacement on Nanoporous Gold"

Matthew Fernandez "GVTA Inhibits the Aggregation of VTAV"

Erin Flaherty "Characterizing a Bacterial Growth Inhibition Mechanism Using In Vivo Photo-crosslinking"

Griffin R U Gildersleeve "Efforts Towards the Synthesis of Pegaharmine F"

John Holmgren "Synthesis of the Proposed Structure of Gramniphinol B"

Shannon Hull "Characterization of 1-Dodecyne Self-Assembled Monolayers on Au(111)"

Isabella Jankowski "Under Pressure: Homing Endonuclease Activity in Extreme Thermophiles"

Mary Kirpas "Comparing Flat Gold to Nanoporous Gold through the Attachment of 1-Tetradecyne and other Terminal Alkynes"

Adam Lamothe "Multidentate ligands synthesized via Mannich Condensations"

Matthew E Lowe

"Detection of Aromatic Amino Acids in the Blackstone River via Fluorescence Spectroscopy"

Emma J Lynch "Investigating the Configuration of Phosphorylated Diols"

Christina Manxhari "Investigating the Asymmetric Phosphorylation of Diols"

Hannah Miksenas "The Catalytic Phosphorylation of Diols"

Christine M Morrison "Efforts Toward the Synthesis of Myristinin"

Andrew T Palaia "Rhodium-Andrew T Palaia catalyzed Approach to the Synthesis of Indolizines"

Aidan Pearsall "Lewis Acid Catalyzed Phosphorylation of Diols"

Karina Ramos "The Investigation and Identification of Aromatic Molecules in Essential Oils using GC-MS"

Lianne Ryan "Synthesis of 1,2-dihydroisoquinolines"

Ayleen Santarin "Terminal Alkynes Attached to Nanoporous Gold"

Christopher Shakespeare "Alkanethiol and Alkyne Attachment to Nanoporous Au Structures"

Valerie Shay "Rhodium-catalyzed Approach to the Synthesis of Indolizines"

John Sweeney "The Scope of GGA as a Beta-Sheet Inhibitor"

Sean Tarrant "Protein Splicing Activity of Inteins from Thermophilic Archaea"

Johnny A Veras Jr. "4-trimethyl silyl ethynyl benzoic acid attachment on nanoporous gold"

Joseph Woloszyn "Comparison of Fuel Composition via Mass Spectrometry combined with Principal Component Analysis"

Christopher J Woodilla "Understanding the Cell Recognition Mechanisms of Bacterial Contact-Dependent Inhibition Proteins"

Vaishnavi Yalala "Protein splicing of salt-dependent inteins from Haloquadratum walsbyi"

College Honors

Emily Arancio "The Green Poem: An Original Play in Two Acts"

Matthew Bateman "How Natural is Rousseau's Emile?"

Thomas Bunnell "Efforts Towards the Synthesis of Gramnipheno!"

Spencer Caron "Is The Law Good? Assessing The New Natural Law Theory"

Anamika Dutta "Psychological and Sociological Factors in the Relationship between Illness and Anxiety"

Alice Galvinhill "Shifting Momentum of the LGBTQ+ Rights Movement In the Trump Era"

Kate Goza "Pain and Passion: Saint Catherine Of Siena's Mystic Path"

Rose Grosskopf "Audience and Narrative in Female-Authored Diaries of the Twentieth Century"

Colan Gulla "Exoplanet Transit Analysis"

Julia Hall "How Do Undergraduates Planning Careers In Health Professions View The Role of Nutrition in Medicine"

Elizabeth Hallahan "The Coors Boycotts Examining Historical Intersections of Drinking, Marketing, Consumer Activism and Gay Liberation"

Sibgha Javaid "The Qur'anic Doctrine of the Divine Names & The Muslim Understanding of the Divine"

Kerry Larkin "An Investigation of Reduced Male Caenorhabditis elegans Fertility and Sperm Quality on a High-Glucose Diet"

Nick Leone "A Comparative Analysis of the politics of Gun Control Legislation in the United States and Australia"

Grace Lucier "Matrons, Mothers, and Monsters: The Heroine in Beowulf, Grendel and the Mere Wife"

Noah Mailloux "Nancy: A Meta-Thesis"

Justin Makuc "Presidential Criticisms of the Judiciary: A Threat to the Constitutional System?"

Jacob Marcus "Discourses on the Modern Subject: Arendt, Camus, and Reclaiming Multiplicity"

Samantha McCann "Culturally Constructed Beliefs About Illnesses"

Leela Mennillo "New Mythologies: A Schellingian Reading of Mary Shelley's The Last Man"

Eleanor Oser "Inhabiting, Dwelling, Thinking: Toward A Heideggerian Ethos for Contemporary Environmentalism"

Liam O'Toole "The Gendered "Nature" of Grief and its Consolation in Roman Literature"

Matthew Pinder "Stations of the Cross: a Non-Traditional Musical Passion"

Piotr Pogorzelski "Predicting NCAA March Madness Games Using Bayesian Logistic Regression Techniques"

Emily Rothmann "The Dietary Patterns of Fourth - Year Students at Holy Cross"

Maire White "Shaivite Revivalism and Facebook: Negotiating Hindu Identities in Tamil Nadu"

Chris Woodilla "Structural Studies of Contact-Dependent Growth Inhibition Proteins"

Allen Zou "Enkurin is a highly conserved protein required for sperm motility in *Drosophila melanogaster*"

Economics and Accounting

Victor Karalolos "Analyzing Internal Audit Effectiveness (IAF) within U.S Colleges and Universities Using Nearest Neighbors (NN) Algorithm"

Kevin Finnegan "Sell-Side Research: Do Analyst Recommendations Add Value for Investors?"

Mitch Grenier "The Responsiveness of Household's Charitable Donations to Income Changes Across Religious Groups"

William LaFiandra "Predicting Player Performance in the NFL"

Eman Boufares "The Effect of Hospital Concentration on Bankruptcy Rates"

Jack Chaffee "Synthetic Rhino Horns as a Poaching Deterrent"

Deirdre Kennedy "An Experiment on Charity Economics in Email Advertising"

Charles Krumsiek "Does Inflation Today Indicate Political Instability Tomorrow, on an International Scale?"

English

Maggie Flaherty "Screenwriting for Streaming Platforms"

Ryan Fay "Poetic Histories & Historical Poetics: Irish National Imagination in Mythology and Modernity"

Seamus Brennan "Writing Revolution: Tracing the Origins of Liberty and Tyranny in English Literature"

Áine Doyle "User Experience and Digital Literacy: User as the Intersection of Audience, Reader, and Actor"

Rose Grosskopf "Modernist Narrative in Female-Authored Diaries of the Twentieth Century"

Grace Lucier "Matrons, Mothers, and Monsters: The Heroine in Beowulf, Grendel, and The Mere Wife"

Sarah Underhill '20 "Wollstonecraft and the Revolution of Moral Virtue"

Ethnographic Field Methods

Katie Fitzgerald '21, Social Media and its Impact on Expressions of the Self

Lizzie Webb '20, The Power of Behavioral Norms Across Social Media

Emily Rodricks '21, Social Media and the Woman's Role in Kin Work: How Social Media Offers a New Method to Communicate with Family Members

Adriana Guadana-Huizar '21, Power Dynamics in the Asylum System

Marija Stilinovich '21, The Importance of Literacy: Refugee Assimilation to the American Schooling System

Yesenia Gutierrez '21, The Power of Language: The Cultural and Social Impact of Linguistic Diversity on Children of Immigrants

Jason Rodriguez '20, College: An Identity Challenge for Students Who Are Adopted Transnationally

Jonathan Roberts '20, Selfhood on Display: Holy Cross Students & Their Living Spaces

William Talbot '22, The Orientation Experience: An Important Aspect of Academic and Social Transitions to Clark University

Hannah Horton '21, "A Division I Career from the Training Room": The Effects Injuries Have on Collegiate Athletes

Kerri Bolivar '22, Elderly and Exercise: What Fitness Means for Elderly

Vernesha Bruceus '21, Marginalization in the Doctor's Office: Seeking Autonomous Healing Among Women of Color

German

John "Jack" Mannion

Michael Melch

MacKenzie Swain

German Honors Society

Cassandra Albano, Emma Keane, Delaney Kennedy, Sidney Kirchhof, Katie Knippler, and Aidan Ruppert

History

Elizabeth Hallahan "The Coors Boycotts: Examining Historical Intersections of Drinking, Marketing, Consumer Activism and Gay Liberation"

Andrew J. Toritto "Legislating Opportunity: Federal Financial Aid for Higher Education in America, 1944-1965"

Brooke Creedon "Argentina's Angels of History: National and Transnational Perspectives on Constructing and Compromising Late Nineteenth-Century Argentinidad"

Kaitlyn Meehan "I Ain't a Young Lady:" Little Women and the Trope of Tomboyism in Nineteenth-Century America"

Emma Powell "A Recipe for Resistance: An Analysis of Consumer Activism within Cookbooks during the U.S. Environmental Movement"

Meaghan Moran "Kicking Klancraft at the Worcester Klonvocation: Exploring Catholic Resistance to the Massachusetts Ku Klux Klan"

Nora Springer "Bringing Your Work Home: Shock Economic Transition and Changing Morality in the Ural Mountains and Appalachia, 1991-2008"

Christopher M. Piccione "My Megawatts From Your Megatons: Nuclear Arms Control and the Unforeseen Consequences of the Soviet Collapse"

Latin American, Latinx, and Caribbean Studies

Joselyne Ruiz Zuñiga "Mexican-American Studies in Tucson, AZ: Thinking Critically about HB 2281"

Manuscripts, Inscriptions, and Documents

Stacey Kaliabakos '23, Ryan Wynn '23 "Manuscript Hackathon, 2020,"

James Garry '21, Rose Kaczmarek '23, Stephen Pittman '23, Anne-Catherine Schaaf '22, Zachary Tympani, '23 "Preparing a digital publication of Germanicus' Aratea (Bern Burgerbibliothek 88),"

Montserrat – 111-N

Jesse Carson, Mia Cronin, Dan D'Ambrosio, Sara Donohue, Kerry Flaherty, Hannah Ford, Jenna Giardina, Andrew Lydon, Cameron Magalotti, Brett McCarron, Mathew Shea, Nora Sheehan, William Solomon, Marco Spataro, Connor Sullivan, Tommy Thiel, Wu Peihan

" The Story of Here: A Graphic Guide to College Hill"Montserrat – 107-N

Montserrat – 107 – N

"Bauhaus: Design for Democracy"

Alexander "Alex" Abbruzzese, Brooke Bailey, Jose Gomez, Frankie Hearst, Jared Kreimer, Carly Liquori, Kevin McGovern, Sara McKenna, Valentina Moran, Alyssa Nee, Andres Purpuro, Tyler Purdy, Liam Terry, Ruofan "Eric" Wang, Shatyra Wilkerson

Peace and Conflict Studies

Brian Cottani '20 "The Seemingly Endless Plight of Turkish Kurds and How the AKP is Worsening their Condition."

Philosophy Honors

Eleanor Oser "Toward A Heideggerian Ethos for Contemporary Environmentalism"

Anthony Pestic "Plato and Schelling: Impossible Beginnings"

MaryGrace King "The Importance and Limitations of Narrative for Agency"

Leela Mennillo "Shelly and Schelling: New Mythologies"

Thomas DzwonczykLive "Hijacking Humanity: Geneticization, the Uebermensch, and the Loss of Will"

Physics

Colan Gulla "Exoplanet Transit Analysis"

Emanuel Daka "Static Solutions of Dirac Stars"

Political Science – Honors

Jacob Marcus "Discourses on the Modern Subject: Arendt, Camus, and Reclaiming Multiplicity"

Justin Makuc " Presidential Criticisms of the Judiciary: A Threat to the Constitutional System? "

Nicholas Leone "A Comparative Analysis of the Politics of Gun Control Legislation in the United States and Australia"

William Poplawski "H2 Visa Development and Reform"

Carolyn Fenerty "The Future of R2P After Libya"

Psychology

Samantha McCann "Culturally-Constructed Beliefs about Physical and Mental Illness"

Rob Price and Princy Sindurakar "Reliability and reproducibility in neuron reconstruction"

Rachel McLellan and Madeline Piccione "Social dominance and hippocampus-dependent cognition in mice"

Deanne Grautski "Sex and gender in proposed legislation pertaining to access to public spaces"

Sociology and Anthropology Honors

Sara Khan "A Qualitative Analysis of Medical Uncertainty: Young People Immobilized by Pain"

Megan Siebecker "Disruptive Performances: Theatre Riots, Deviant Emotions, and Social (Dis)order"

Study Abroad

Hui Li '21 "Incorporating the Past and Present to Fund a Better Future in Rome."

MacKenzie Swain '20 "Taking the Plunge: Integrating into German Culture Through Kayaking"

Lauren Dentinger '21 and Jill Spirk '21 "Measuring Abundance and Biomass of Commercial Fish Species in South Caicos"