

Africana Studies

Alison Apeku (2022): "Racial Europeanization: Exposing the Hypocrisy of Switzerland's Neutrality through the Lens of Race"

Meah Austin (2022): "Black Women in the Ivory Tower: A Case Study of the College of the Holy Cross' Black Women Alumnae"

Nicholas Macchi (2022): "American Involvement in Namibian Independence Negotiations: A Story of Cold War Proxies"

Jordyn Shubrick (2022): "The Legacies of Enslavement: Gendered Racism, Black Women & Healthcare in the United States"

Art – Studio – Studio Concentration Seminar

- Dora Calva
- Aliyah Coplan
- Julia Covelle
- Paige Epp
- Grace Hoelscher
- Shea O'Scannlain
- Sommer Ross
- Natalie Scholtz
- Stanislav Yarmoussik

Art History – Contemporary Artists Confront the Climate Crisis

- Joseph Acosta '22
- Hannah Bauman '22
- Grace Bradley '22
- Hunter Gutt '23
- Caroline Quinn '22
- Mary Grace Searles '22
- Sean Sullivan '22
- Christopher Yates '23

Sean Sova '22

Power and Perception: An Examination of the Teatro Farnese

Lucy Rizzo '22

Tumbana Khan, His Wife, and His Nine Sons: Patronage and Religious Tolerance under Emperor Akbar

Claire Goldsborough '22

Stitched in the Image of God: Innovation and Agency in Elizabeth Baker's Adam and Eve Embroidery

Finley Cassidy '22

Goya's Sleep of Reason Produces Monsters: Printmaking and Political Dissent

Grace Morrissey '22

A Tempered Portrait of a Dynamic First Lady: Douglas Chandor's Eleanor Roosevelt

Renata Palau '22

Materializing Racial Narratives: The National Museum of African American History and Culture

Jinze Mi 牟金澤, '23

Asia in the Mirror: Curating An Exhibition of Asian Export Art from the Collections of the Cantor Art Gallery

Asian Studies Program

Self-Realization & Transcendence: East & West.

Andrew Buck '22 "The Individual and the Communal in Epictetus and Laozi"

Alec Levesque '22 "The Virtuous Life: A Dialogue between Mencius and Aristotle"

Benjamin Kelly '23 "Self-Determination in Aristotle and Mencius"

Business, Ethics and Society

Molly Murray, 2022, History: "The Need for Increased Social Engagement Between Polar Park and its Neighbors"

Apurva Gandhi, 2022, Computer Science: "The need for technological literacy among refugees and immigrants"

Cole Howard, 2022, Political Science: "Keeping clean clean: how lithium ion battery recycling is necessary to sustain the clean energy economy"

Michaela Halloran, 2022, Psychology: "Creating Deeper Advocacy Ties between Nonprofits and their Corporate Donors"

David Sullivan, 2022, Political Science: "Undue Influence: Why Texas ought to regulate K-12 schools' relationships with for-profit firms."

Community Based Learning – Donelan Office

"CBL Across Disciplines: Students' Reflections on CBL in CIS, Montserrat, Religious Studies, Sociology, Spanish, and Visual Arts"

Luke Birch '25

Diana Chavez Cruz '24

Molly Doyle '22

Rachel Enad '22

Sam Kirkpatrick '24

Kit Meszaros '24

Grace Morrissey '22

Lindsay Riordan '25

Michael Scuderi '25

Chemistry/Bio-Chem

Synthesis and characterization of a variety of amino-alcohol ligands	Minga, Yilkida	22
Synthesis of high dentate ligands as MRI contrast reagents	Donnelly, Ryan	22
Measuring T1 times for MRI contrast reagents	Brayden McAllister	22
Nickel chemistry of amino-alcohol ligands	Sean Breen	22
Mannich condensations with amino acid precursors	Jack Lindenberg	23
Characterizing Important Protein Interactions in an Bacterial Competition Mechanism	Emily Bouzan	23
Identifying Mutations in Contact-Dependent Inhibition Proteins that Prevent Cell-Cell Interactions	Tommy Fedrigoni	22
Developing a Biochemical Assay to Monitor Bacterial Contact-Dependent Inhibition	Camille Billeter	22
Degradation of FAMES and Sterols using GC-MS in Plant-based Biodiesels	Sung Taik Kwon	22
Investigation of Biodiesel Fuels using GC-MS	Gynesis Vance	22
Comparison of Fuel Composition via Mass Spectrometry and Chemometric Analysis	Andrew Corbett	22
Cu-catalyzed approach to benzofulvenes	Isabella Castagnetti	23
Synthesis of 1,2-dihydroisoquinolines	Matthew Floyd	22
Synthesis of Indolizines	David Schneider	22
Cu-catalyzed approach to beta lactams	Josie Ascione	23
Synthesis of Indolizines	Kathleen Segal	23
Efforts towards the total synthesis of Pegaharmine F	Henry Noe	22
Ferrocene attachments on nanoporous gold	Tommy Nguyen	23
Alkyne-based molecular layers on nanoporous gold	Ryan Weston	23
Electrochemical analysis of mixed molecular layers on gold	Allison Molski	22
No longer negligible: Weak forces compete for influence in sulfur-containing amide molecules	Henry Cavanaugh	23

Investigating peptide mimic conformations	Mya Beausoleil	23
Protein splicing of a cyanobacterial intein	Lily Russo	22
A Directed Evolution Experiment to Improve Protein Splicing of Two Inteins from <i>Haloquadratum walsbyi</i> .	Anthony D'Angelo	22
Is There an Evolutionary Advantage to Protein Splicing in <i>Halobacterium salinarum</i> ?	Beatrice Barbesino	23
Salty Enzymes: Protein Splicing Dependence on Salt Concentrations	Thuy Nguyen	22
Salty Enzymes: Protein Splicing Dependence on Salt Concentrations	Diana Wall	22
Trans-splicing in Cyanobacteria	Michelle Haigbea	23
Unfolding Beta Sheets of AVV with GGA	Matthew Robertson	22
Unfolding Beta Sheets of AVA with GGA	Mary Pinn	22
Unfolding Beta Sheets of AVV with GGA	Victoria Brady	22
A desymmetrization approach to diospongin B	Brooke Hendershott	23
Synthesis of proposed structure of cryptoconcatone H	Hannah Ford	23
Synthetic studies on diospongin B	Erik Fruehauf	22
Synthesis of proposed structure of cryptoconcatone H	Emma Hastry	22
Synthetic studies on diospongin B	Pamela Kote	22
The Development of Conditions for the Site Selective Phosphorylation of Diols	Erin Eason	23
Phosphorylation of Alcohols with a Fluorinated Phosphorylating Agent.	Grace Gavis	22
Optimization of the site-selective phosphorylation of alcohols	Katherine Fazekas	22
Expanding the substrate scope of fluorophosphorylated alcohols	Claudia Hajjar	23
An Experimental and Computational Characterization of a Hyperactive APOBEC3G Variant	Charles Millard	22
Investigating the function of a putatively de novo evolved gene, <i>katherine johnson</i> , in <i>Drosophila</i> fertility	Sara Guay	22

Classics

Brooke Bailey '23, "Romare Bearden and Homer: Collaborators in the Universality in Self-Discovery"

Emma McClafferty '23, "Odysseus, SpongeBob, and the Duality of Heroes"

Alyssa Stone '22, "A Feministic Analytical Perspective on the Patriarchal Positioning of Women in the *Odyssey*"

Julia Eagan '24, "Ancient Spartan Women as Seen by Contemporary Misogynist and White Nationalist Groups"

Justin Hudson '23, "Cato and Conservative Thought: an Analysis of the Use of the Classical Pseudonym by American Authors"

Matthew Stapleton '22, "The Fasces in the U.S.: The Revival of Roman Symbolism"

College Honors

Anne-Catherine Schaaf, "Woven Words in the Iliad: Gender, Narrative and Textile Production in the *Venetus A Scholia*"

Kendall Swanson, "Exploring Femininity Through Trees: a Redefinition of Gender in Augustan Poetry"

Augusta Holyfield, "The Witch in the Roman Imagination"

Avery Faires, "How Prison Systems Can Better Aid People with Substance Use Disorders"

Emily Taylor, "The Potential for Non-Addictive Analgesics to Address the Opioid Crisis"

Julie Brewer, "Parental Opioid Use and Neonatal Abstinence Syndrome: Combatting Socioeconomic Barriers to Treatments and Interventions"

Matt Cedeno, "The Syntax of Social Justice: Examining Post-Bellum Black Intellectual Thought and the Classics"

Rachel Mallett, "Cornel West: Self and Community"

Hannah Thompson, "Allumination: Inquiries into an Understanding of Power, Oppression, and Connection"

Diana Wall, "Salty Enzymes: Protein Splicing Dependence on Salt Concentrations"

Isabelle Uong, "Interactive effects of food availability and salinity on phenotypic plasticity of *Echinarachnius parma* larvae"

Frank Spano, "Species delimitation in the *Pseudanophthalmus robustus* species group using DNA barcoding"

Monica Nakhla, "Diet & Amyloid:C.elegans model"

Kaitlyn Bickerton, "Psychological Conceptualizations and Treatments of Obsessive-Compulsive Disorder (OCD)"

Matthew Robertson, "Vaccine Hesitancy and its Consequences: A Deep-Dive into Decision Making Processes Around Vaccines and Vaccinations"

Emily Curtis, "Trickle-Down Central Banking: An Analysis of Quantitative Easing in the United States"

Lauren Vitelli, "How Language Impacts Cognition"

Kelly Gallagher, "Writing Dystopia: Zamyatin's Writing Philosophy, Genre, and the Protagonist of We"

Mary Evelyn Quinlan, "Evolution of the 1001 Nights"

Stephen Dierkes, "Patriotism? Alcibiades, Nicias, and 1/6/21"

Alexander DiResta, "Progress Towards Low Energy Charge Transfer Collision Experiments using Pulse Sequencing"

Joseph Nyhan, "Analysis of Equations of State for Neutron Star Simulations"

Pamela Kote, "Synthetic Studies on Diospongin B: A Cross-Cultural Investigation of Natural Products"

Deaf Studies

Francesca Carpinella '22
"Deaf Culture at Gallaudet University: See Our Voices"

Lauren Vitelli '22
DeafYES!: An Internship Experience in the Deaf Community

Economics and Accounting

Caroline Harkins, '22: "Analyzing the Network Advantages for Student-athletes at Holy Cross"
Karter Seitz, '22 : "Is a New, Innovative Form of Financial Aid Already Threatened?"

Matthew Sexton, '22 : "Civic Identity & Library Proximity: Measuring the Impact of Libraries on Political Engagement"

Brooke Walsh, '22 : "Willingness to Pay for Sustainable Fashion"

Robert Murray, '22 : "Decision Theory in Sports: How Does Uncertainty Aversion Impact NBA Draft Performance?"

Olivia Dimonte, '22 : "The Effects of the COVID-19 Pandemic on Crime in Chicago, IL and Houston, TX"

Brendan Connelly, '22: "Incentive Clauses: The Risks and Rewards of Major League Baseball Contracts"

Gabrielle Tammaro, '22 : "Risky (Small) Business: Small Business Owners' Risk Aversion and its Impact on Decision Making"

English

Kimberly Fetherston '22
"The Rhetorical Evolution of Wilderness over the 20th and Early 21st Centuries"

Katie Knippler '22
"Writing Home Beyond Domesticity: Elizabeth Bishop and Mascha Kaléko"

Eve Schwartz '22
"Reckoning with Trauma: The Loss of Black Girl's Innocence in Black Women's Literature"

Nina Masin-Moyer '22
"Performance, Theatricality, and Identity in Shakespeare's The Taming of the Shrew"

Xiani (Ani) Zhu '22
"Flushing Stories: A Nonfiction Narrative of Chinese Catholics Immigrants in New York"

Clare Lawler '22
"Individualism vs. Collectivism in Covid-19 Rhetoric"

Shea O'Scannlain '22
"Fantasized Masculinity Performed in American War Narratives"

Devyn Forcina '22
"In the Space of a Page"

Environmental Studies

Colby Bowers, '22, "Witnessing paradise at an all-inclusive resort or a glimpse into modern day colonialism?"

Aleesha Chandhok, '24, "The Central Valley and its' current risks: A look into the food production system in America"

Sarah Street, '22, "CAFOs and environmental racism: Is there a link between CAFO location and population demographics in North Carolina?"

Gyan Carlo Morales, '22, "Phoenix's underwhelming water system"

Christian Bachez, '23, "Nature in the Streets: Environmental justice and public art in Worcester"

CC Millard '22, "Coastal Wildfires and Kelp Forests: Implications for the Global Climate Budget and Prescribed Burn Mitigation"

"A Mapping of Chemical Relics on Green Street in Worcester, Massachusetts" Jules Cashman '22, Brian Saville '22, Renata Palau '22, and Kathryn Hauver '22

Fenwick Scholar

Charles "Charlie" Millard '22, A Holistic Approach to HIV Research: Characterization of the Anti-HIV Protein, A3G, in Tandem with Community Outreach and a Case Study of Barriers to ART Adherence

Gender, Sexuality and Women's Studies

Rose Christine Anastacio: "Understanding Why Adolescent Girls Across Cultures Are Depressed"

Natalie DiMattia: "Destruction of the Woman, Development of the State: Rape Stories in the Ancient Hebrew and Roman Imaginary"

Samantha Vargas: Role of Gender Violence in the Migration of Women from Latin America and the Middle East.

Health Studies

Zoé Petit '22, Health Studies and Psychology Major
Pregnancy and Relationship Health: How Pregnancy, Labor, and the Postpartum Period Affect Romantic Relationships

Samantha Vargas '22, Sociology and Spanish Major, GSWS Concentrator
Role of Gender Violence in the Migration Stories of Women from Latin America and the Middle East

Margaret Hannick '22, Health Studies and Mandarin Chinese Major
The Racial Disparities of Maternal and Infant Health in the U.S.

Riley Dolan '22, Health Studies and English Major
Racism in the Health Sector: A Qualitative Study of Healthcare Providers' Views

Ganiyat Karimu '23, Health Studies Major, Africana Studies Concentrator
COVID-19 Vaccine Attitudes in Pregnant People Seeking Services at a Health Center in Worcester, MA.

Betelhem Derege '23, Health Studies Major, Africana Studies and GSWS Concentrator
COVID on Campus: Experiences of Disruption and Normality

History

Jack Hynick '22, "'I Am an Indian; Nevertheless, I Am an American': Indigenous Activists from the Society of American Indians to the Indian Reorganization Act, 1911-1934

Helena Connell '22, "Weak Women? Plotting Women's Networks of Influence at Plimouth Colony in the Early 17th Century"

Alex Kanya '22, "'Anti-American, Un-American, Seditious, Subversive, and Probably Communist': The Cold War Boogeyman and its Consequences in U.S. Perception and Treatment of the Civil Rights Movement'

Hannah Sansone '22, "The Men to Look Up To: The Racial Integration of the National Basketball Association and the League's Pioneers, 1949-65"

John Dashe '22, "Rhodesia Remembered: Imagining White Identity in a Settler Colony"

Sean Connolly '22, "Fighting for Freedom? U.S. Responses to Socialist Reform After Stalin"

John Larsen '22, "Zeropox: Public Health and 'Medical Nationalism' in India, 1958-1980"

History REES

Patrick Cantwell '22 The Wagner Group: At the Intersection of Russian Disinformation and Conventional Warfare

Lily Bockowski '22 No Shame in the Spying Game: Anna Chapman and the Celebration of Espionage

Mary Grace Searles '22 Information War: Putin's Conquest of Chechnya, From 1999 to Today

Mitchell Ignatius Baker '22 Searching for Unity: Putin's Changing Construction of Russian Identity

Sean Connolly '22 Fighting for Freedom? US Responses to Socialist Reform After Stalin

International Studies

Nelson Martinez De Los Santos '22 "Another policy harming Latin American migrants, this time it's asylum seekers"

Catherine Longo '22 "Irradiated and Uprooted: The Disproportionate Impact Nuclear Weapons Have Had on Indigenous Peoples in the Continental U.S. and in the South Pacific".

Mathematics and Computer Science

Rebecca Henion '22: "Principles of Experimental Design"

Leo Kahan '22: "Intro to Networks and the Optimization of Networks"

MaryClare Martin '22: "Topological Analysis of Transfer Learning"

Max Watson '22: "On the Security of the CGL Hash Function"

Sarah Vermette '22: "Discourse Sheaves and Opinion Dynamics on Watts-Strogatz Networks"

Montserrat – Bauhaus: Design for Democracy In the US

Zachary Barney '25

Ashley Blaka '25

Edward Christensen '25

Brendan Connolly '25

Leonardo Cruz '25

Christian Doscas '25

Jackson Harris '25

Saoirse Healy '25

Aidan Kelly '25

Samuel McGeachie '25

Marlie Nist '25

Mark Pettinato '25

Will Sugerman '25

Lauren Walsh '25

Meghan Webber '25

Movement, Words, Community (DANCE)

Behind the Scenes - On Process and Expression

Roger Akela '22

Alex Beaudoin '22

Claire Bochman '22

Jada Brenon '22

Ryan Cadigan '22

Chris Cobino Marchese '22

Jolie Creo '22

Kelly Gallagher '22

Katie Gannon '23

Connor Hatton '22

Madigan Kelly '23

Deni Kreka '22

Movement, Words, Community (DANCE) Continued

Behind the Scenes - On Process and Expression

Emma Lange '22

Molly Mackie '22

Katie McCabe '22

Sean McCullough '22

Milly O'Brien '22

Fortune Okundaye '22

Nadine Reidy '22

Sandra Rodriguez '24

Chris Smith '22

Adelaide Valley '24

Mary Anne Wiley '22

Music

College Choir and Chamber Singers

Sopranos:

Alexandra Antonyraj '25

Alfreda Antonyraj '25

Samantha Bisson '25

Grace Conroy '25

Claire Corwin '25

Emma Crain '25

Carina Gregori Asadourian '23+*

Eva Janigian '25

Abigail Kellogg '25

Siobhan Kiernan '21

Emerson Lyons '25

Erin Melley '25

Sarah Park '25

Gaby Pearson '25

Natasha Rollo '23*

Tsz Yum Yiu '25

Music Continued

Altos:

Mia Beviglia '23+

Rhiannon Hurst '25

Ishanpepe Jagusah '24

Libby Nompleggi '25

Beverly Riley '25

Meg Sullivan '25

Christine Xiao '23

Tenors:

Aidan Scamby '22+

Blake Sheridan '24

Basses:

Dan Hanlon '25

Liam Houlihan '22+

Wesley Reller '24

Feifan Zhao '25

+ indicates section-leader

* indicates member of the board

Chamber Singers

Emily Courmoyer '23

Carina Gregori Asadourian '23*

Isabelle Lindhurst '24

Meghan Tower '23

Altos:

Emily Bouzan '23

Gigi Galanthay '24*

Emily Johnson '24

Emma Manzi '24

Tenors:

Anthony Cash '23*

Mark Czerwinski '23

Christopher Yates '22

Basses:

Ryan Clouse '22

Liam Houlihan '22

Matt Luca '22

*indicates a member of the board

Music, Minstrelsy and the Legacy of Slavery at Holy Cross A Presentation of Archival Findings and Discussion Panel

Barber II, Daniel J, 2022

Beviglia, Mia M, 2023

Bollas, Michael N, 2022

Carson, Jesse D, 2023

Charles, Fabrice J, 2022

Crue, Bryan K, 2023

Gregori Asadourian, Carina, 2023

Houlihan, Liam T, 2022

Hurtado, Kenneth F, 2022

O'Connor, Sadie P, 2022

Rockwood, Nicholas A, 2022

Shamley, Johnna M, 2022

Trotman, Nathaniel J, 2022

Williams, Julia, 2022

Music – Orchestra

Emily Gualdino	24	Violin
Denis Gomez	22	Violin
Chase Ackerson	22	Violin
Emerson Lyons	25	Violin
Joe Nyhan	22	Violin
Jess Orefice	22	Violin
Kerry McDermott	24	Violin
Tyler Williamson	25	Violin
Colleen Shortell	23	Violin
Anna Baker	25	Viola
Eleanor Mengel	23	Viola
Joseph Cracolici	23	Cello
John Mondì	25	Cello
Brett Cotter	19	Cello
Brendan Taylor	24	Cello
Wesley Smith	25	Bass
Ari Kiirikki	25	Flute
Kallie Poon	24	Flute
Emmeline Lignowski	24	Oboe
Libby Chace	24	Clarinet
Jack Liguori	23	Clarinet
Kathleen Segal	23	Clarinet
Andrew Guo	24	Clarinet
Anna Parker	24	French Horn
David Schneider	22	French Horn
Lily Russo	22	Trumpet
Dennis Liu	22	Trombone
Troy Gleason	22	Percussion
John Cronin	24	Percussion

Music – “Scola Gregoriana” the chant choir

Ackerson, Chase A

Bai, Jianing

Beviglia, Mia M

Bolivar, Kerri A

Chai, Zhiyan

Cracolici, Joseph C

Dierkes, Stephen J

Dionne, Emily E

Donius, Michael M

Evangelista, Nina B

Ferrara, Olivia C

Fitzpatrick, Sean C

Hamilton, William D

Harkins, Caroline G

Kavanaugh, Annie E

Keith, Grace E

Kiirikki, Ari Aleks

Kuznetsov, Daniel K

Lignowski, Emmeline A

Little,Caitlin H
Lococo,Rebecca C
Luca,Matthew C
Makuc,Marya V
Meier,Alaine C
Meier,Kaitlyn M
Miller,Kathleen T
Modak,Jason
Murphy,Sean R
Parker,Anna S
Pestic,Kristina Ana
Reichwein,Jarrett
Reilly,Kieran J
Rogus,James P
Rollo,Natasha M
Rosowicz,Joseph A
Smith,Grady P
Smith,Keely B
Spallone,Lindsay E
Tammaro,Gabrielle M
Torosian,Lane W
Tower,Meghan O
Tyler,Caroline J
Vacca,Lindsay A
Villa,Elisabeth R
Watson,Lily M

Philosophy

Andrew Buck '22, "Love and Sacrifice"

Anne Comcowich '22 "The Proper Order of Society According to Al-Farabi"

Rachel Mallett '22 "Community, Identity, and Individuality in the Work of Cornel West"

Stephanie Jackson '22 "Facing Up To Facebook: The Court's Shifting Standards on the Societal Virtue of Privacy"

Physics

Troy Gleason '22 "Simulation of Neutron Stars with Fermionic Dark Matter".

Tom Sullivan '23 "Modeling the Universe: Analyzing the Impact of Phantom Dark Energy Using Current Observational Data."

Political Science

Jake Mozeleski '22 Labor Unions in the United States, Argentina, and England: A Comparative Study

Kaitlyn Romaine '22 Statesmanship Preceding War: FDR's Entry into World War II

Psychology and Neuroscience

Katherine Barahona '22 Standardizing neuronal reconstruction to explore relationships between dendritic spine density and circuit function

Sabrina Ramos '22 and Juliana Tronsky '22 Americans overestimate progress towards racial educational equality, and blame minoritized students for the lack of progress

Meah Austin '22 Black Women Students in the Ivory Tower: A Case Study of the College of the Holy Cross

Yandi Pierre '22 Comparing apparent motion perception and real motion perception in pigeons (*Columba livia*)

Reuben Reyes '22 The detection of abnormalities in CT scans by pigeons (*Columba livia*)

Mary Grace Harris '22 Relational Scaffolding to Support Young Children's Learning in a Science Museum

Isabella Lanna '22 Cognitive Supports for Adults' Learning About Seasonal Change

Milly O'Brien '22, Caroline Manganaro '23

Children's Understanding of the Brain and Biological Functions

Madelyn Rubert '22 Standardizing neuronal reconstruction to explore relationships between dendritic complexity and circuit function

Elizabeth (Lili) Montanari '22 Effects of environmental enrichment on social behavior in mice

Daniel Fam '22 Social dominance, emotional regulation, and hippocampus-dependent cognition in mice

Mario Grasso '22, Michael Elacqua '22

Relationship between emotion malleability beliefs and substance use behaviors in college students

Chris Legere '22 Family processes and pediatric OCD: Role of emotional expressivity

Tatiana Thompson '22 Undergraduate Holocaust education and biomedical ethics - what's the connection?

Anna Kelemen '23 The Infant EEG Mu Rhythm and Preschool Social Cognition: A Pilot Study

Psychology and Neuroscience Continued

Andria Fremaint '22 Do Tonal Patterns Signal Power to Spanish-Speaking Young Children?

Megan DiDominica '22 and Victoria Iassogna '22 Non-Conscious Diagnosis of Disease by Novices after brief Perceptual Training

Julie Brewer '22 and Arianna Arguedas '23 #EDRecovery on Instagram: A Content Analysis

Noah Redder '22 Re-evaluating size contrast in the Ebbinghaus illusion: contributions of figural extent and contour interactions

Psychology and Neuroscience Continued

Luke Bernier '22 The perception of a same/different motion concept in pigeons (*Columba livia*)

Katherine Barahona '22 Standardizing neuronal reconstruction to explore relationships between dendritic spine density and circuit function

Madelyn Rubert '22 Standardizing neuronal reconstruction to explore relationships between dendritic complexity and circuit function

Elizabeth (Lili) Montanari '22 Effects of environmental enrichment on social behavior in mice

Daniel Fam '22 Social dominance, emotional regulation, and hippocampus-dependent cognition in mice

Emily Hensley '22 The *Drosophila* ERG voltage gated channel seizure affects development

Mariem Girgis '22 and Matthew Guerra '22 Developmental expression and behavioral roles of the *Drosophila* DEG/ENaC ppk29

Noah Redder '22 Re-evaluating size contrast in the Ebbinghaus illusion: contributions of figural extent and contour interactions

Marcella Archambeault '23 The Effects of Predictive Coding in Visual Search

Kaitlyn Bickerton '22 Synthesizing evidence-based conceptualizations and treatments for obsessive compulsive disorder

Julie Brewer '22 Parental Opioid Use and Neonatal Abstinence Syndrome: Combatting Socioeconomic Barriers to Treatments and Interventions

Emily Taylor '22 The Potential for Non-Addictive Analgesics to Address the Opioid Crisis

Religious Studies

Christopher McCormick '23 "Reading Maximus the Confessor"

Olivia Hastie '22 "Bodies, Food, and Faith"

Mason Marag '22 "University and Christian Ethics: COVID 19 and Struggles in College Decision-making"

Margaret Ober '22 "College Jesuit Values in Practice"

Emily Clemens '23 "Racism in my Backyard: A Sociological Study on Race and Racism in Larchmont, NY"

Sociology and Anthropology

Ellen Rogers, 2021, "Family Life During COVID-19"

Christine Dapaah-Afriyie, 2021, "Ensuring Collective Memory: Sexual Assault on the Hill"

Kathryn Hauver, 2021, "The Emotion Work of Hospice Volunteers"

Brianna Cummings, 2021, "Jim Crow Junior": American Foster Care and the Legacy of Enslavement for Black Children in Massachusetts and Georgia

Thuy Nguyen, 2021, "Hospice Narratives and End-of-Life Lessons"

Claire D'Attoma, 2021, "Third Culture Parenting"

Aidan Ruppert, 2021, "Music, Status, & Society: An Inquiry into Sociomusicology"

Ethnographic Field Methods

Formation and Communication of Identity Through Fashion at Holy Cross

Carolyn Fisk '24, Libby McBride '22, Freeman Mejia '23, Lily Smith '24

COVID-19 and the Social Aspects of Food Production/Consumption on Campus

Jada Brenon '22, Josephine Phina Kalondji '23, Connie Perez '24, Tara Phillips '23

The Complex Interactions Between College Dining and Social Identity

Melissa Ayala '23, Lizzie Baker '24, Sophia King '23, Quinn Moore '22

Spanish

Videographic Criticism & Filmmaking in Spanish

Molly Kerrigan '22: Video-essay (SPAN 420)

Ari Herrera '22: REACH short film (SPAN 312)

Caribbean Communities in the Visual Arts

Mariem Grigis '22: "El arte visual como herramienta de resiliencia cubanoamericana"

Isabella Lanna '22: "El delirio del pez león y el legado del imperialismo estadounidense en Puerto Rico"

Creative Writing in Spanish

Stephany Zabala '23: "Exploring the Psychometric Dimensionality of Shame Resilience" (SPAN 366)

Las realidades ignoradas de las mujeres negras Juliana Tronsky '22: "Una mentirosa honesta" (SPAN 366)

Teacher Education Program

Julia Bonnist - 2022 - My Life as a Teacher

Giovanna Messina - 2022 - My Student Teaching Journey: Lessons Taught and Lessons Learned

Joe O'Brien - 2022 - Unqualified

Kathleen Miller 2022
Disability Inclusion in Massachusetts Catholic High Schools

World Languages, Literatures, and Cultures

Chinese

Stephen Richardson '22: What effects has the COVID-19 pandemic had on Taiwanese manufacturing and trade?

Charles Reynolds '22: "A Story of Taiwan: what do current events mean for the future of the country"

Eleanor Mengel '23: "Translating Classical Chinese: Strange Stories from *Liaozhai Zhiyi*"

Leo Kahan '22 and Elvis Perez '22: "Second language speakers and their ability to differentiate Chinese tones."

World Languages, Literatures, and Cultures (Continued)

German

Emma Keane '22: "A New Perspective is a Great Souvenir."

Sidney Kirchhoff '22: "From Family to Future: Finding New Insights into German Culture through the German Studies Major"

Katie Knippler '22: "Deutsch als zweites Hauptfach und wichtiger Teil meiner Abschlussarbeit."

Russian

Caroline Russell '22

"Mutually Assured: The Role of Ritual Language in U.S.-Russia Nuclear Arms Control"

Kelly Gallagher '22

Writing Dystopia: How Zamyatin's Writing Philosophy Shaped the Genre and Protagonist of "We."

