Haverford seniors have the opportunity to engage in a senior project that allows them to exercise the analytic, theoretic, and creative skills that they have developed during their four years at the College. The titles of these theses, performances, and fine arts portfolios appear below each name.

**Kofi Kwakwa Acheampong**  
Chemistry: Development of a Colorimetric Assay for Studying Acyl Carrier Protein-Protein Interactions with a Minor in Health Studies and a Concentration in Biochemistry

**Jordan Lawrence Acker**  
Computer Science: Formal Verification of Recursive Programs Using Computational Induction with a Minor in Mathematics

**Patrick James Adams**  
Physics: Dynamics of the Higgs Boson as the Inflaton Field

**Vaidehi Agarwalla**  
Sociology: “Top Down” Revolutions: Group Mobilization in the Success of Soviet-Era Democratic Independence Movements with Minors in Greek and Statistics

**Raquel Michelle Aguayo**  
Psychology: “Well, It Depends on the Context:” A Situational Success Model for the Enhancement of Music Media Appeal and Success with a Minor in Neuroscience

**Hassan Ahamed**  
Chemistry: Development of an In Vitro Assay to Evaluate Small Molecule Inhibitors of the Lin28:pre-Let-7 Interaction in Pancreatic Ductal Adenocarcinoma with a Minor in Neuroscience and a Concentration in Biochemistry

**Maxwell Bradford Aifer**  
Physics: Modeling the Dark Sector With the Equation of State and the Sound Speed

**Joseph Mario Burkley Alejandro**  
Religion: The Future Belongs to the Brave: Some Thoughts on the Fate of Decolonization in Religious Studies

**Nina Ashley Angileri**  
Classical and Near Eastern Archaeology at Bryn Mawr College: Classicizing Identity: The Alt-Right’s Co-Option of Archaeological Imagery with a Minor in Museum Studies at Bryn Mawr College

**Tomas Maxwell Aramburu**  
Chemistry: In Silico Identification of Small Molecule Inhibitors of the Lin28:pre-Let-7 Interaction in Pancreatic Ductal Adenocarcinoma with a Minor in Creative Writing at Bryn Mawr College and a Concentration in Biochemistry

**Marley Catherine Asplundh**  
Linguistics: The Impact of Teacher Education and Experience on Curriculum and Pedagogy to Sustain Linguistic Diversity and Accessibility with a Minor in Educational Studies

**Jeremy Bennett Astesano**  
Psychology: What Are You Looking At? How Race and Social Status Influence Gaze Direction, Duration, and Behavior with a Minor in French and Francophone Studies

**Yasmine Ikram Ayad**  
Computer Science: Analyzing the COMPAS Algorithm in Criminal Defense Risk Assessment

**Simon Estep Balukonis**  
Growth and Structure of Cities at Bryn Mawr College: Neoliberal Nights: Production, Distribution, and Consumption of Dance Music and Club Culture in Chicago

**Jane Rose Bary**  
Political Science: Unchartered Territory: Assessing Parental Involvement in New York City’s Charter Schools

**Louise Grace Slabaugh Bednarik**  
Political Science: The Relationship Between Gentrification and Community Control, Organizational Goals, and Political Framing in Community Land Trusts with a Concentration in Peace, Justice, and Human Rights
Opal Rose Slabaugh Bednarik
Political Science: Investigating the Social Outcomes of Community Infrastructure: A Case Study of Philadelphia Community Infrastructure Investments and Linear Reuse Parks with a Minor in Educational Studies

Daniel David Bendelac
Political Science: Right-Wing Populism in Southern Europe: The Spanish Anomaly?

Reiss Martin Berger
Economics: Corporate Sponsorship in Professional Soccer: Does It Pay to Support a Winner?

Mia Alexandra Sia Bernas
Music: Viva to the Divas

Jake Ogata Bernstein
Geology at Bryn Mawr College: Classification of Sulfate and Phyllosilicate Geomorphology in Ius Chasma, Valles Marineris, Mars, Using CRISM and HiRISE with a Minor in Environmental Studies and a Concentration in Geochemistry at Bryn Mawr College

Fiona Anne Berry
Chemistry: Using Npro Autoprotease Fusion Technology to Express a Hydrogel-Forming Semenogelin I Peptide with a Minor in Health Studies and a Concentration in Biochemistry

Julia Blake
Political Science: Representative Bureaucracy Theory and Civil Rights Enforcement: Analyzing the Impact of Institutional Leadership on Title IX Compliance

Robert Nicholas Borek
Political Science: The Ethics of Nudging Civic Virtue with a Minor in Arabic at Swarthmore College

Christina Grace Bowen
Religion: The Fighting Quakers: A New Vision for the Peace Testimony During World War I with a Concentration in Peace, Justice, and Human Rights

Gabriel Alan Braun
Chemistry: Molecular Mechanism of Fibril Formation and pKa Determination of Histidine in a Self-Assembling Peptide Hydrogel with a Minor in French and Francophone Studies and a Concentration in Biochemistry

Jason Luis Bravo
International Studies at Bryn Mawr College: Ecuador’s Blueprint for Economic Development: An Investigation of Dollarization Under the Rafael Correa Administration with a Minor in French and Francophone Studies

Paul Brucia Breitenfeld
Classical Languages: Negotiating Allusions in the Metamorphoses of Apuleius with a Minor in Classical Culture and Society

Julian G. Bright
Growth and Structure of Cities at Bryn Mawr College: Mega Projects as Catalysts of Gentrification in the Nation’s Capital: An Exploration of the District’s Black-White Residential Divide

Rachel Elizabeth Brodie
Romance Languages at Bryn Mawr College: Quand l’archiviste rencontre la performance: Sur La Robe blanche de Nathalie Léger with a Minor in Latin

John Henry Brower
History: Reading Peasant Voices Through Environmental Violence: The 1641 Irish Rebellion with Minors in Environmental Studies and Latin American, Iberian, and Latina/o Studies at Bryn Mawr College

Emily Elizabeth Brown
Chemistry: Development of a High Throughput Route for a Vapor Diffusion Metal Halide Perovskite Synthesis

Kelly Aust Brown
Economics: NAFTA’s Impact on Local Labor Markets in Mexico with a Minor in Neuroscience

Leah Null Budson
Mathematics: Which Centralizers of Even Burnside Subgroups Properly Contain Themselves? A Diagrammatic Proof with Minors in Economics and Italian and Italian Studies at Bryn Mawr College and a Concentration in Peace, Justice, and Human Rights

Emma Jacqueline Bullock
Chemistry: The Utility of Using Silicone Wristbands as Passive Samplers in Honeybee Hives with a Minor in German and German Studies
Claire Elizabeth Burdick  
Psychology: It's Not Just Black and White: Effects of Social Status and Race on Visual Attention, Own-Race Bias, and Employment Discrimination with a Concentration in Peace, Justice, and Human Rights

Michael Patrick Carr Jr.  
Political Science: Lessons From University City: Re-Imagining How Communities, Anchor Institutions, and Cities Can Drive Equitable Development Outcomes  
Growth and Structure of Cities at Bryn Mawr College: Brewing a Neighborhood for the Creative Class: Placemaking, Branding, and Gentrification in Brewerytown, Philadelphia

Arlene Elizabeth Casey  
Mathematics at Bryn Mawr College with a Minor in Educational Studies

Austin Harry Castellanos  
Biology: Investigating the Effects of ComS Variants on Competence Induction in Streptococcus suis with a Minor in Health Studies

Dita Cavdarbasha  
English: Where They Begin

Arthur Jing-Yu Chang  
Computer Science: Intersectionality and Fairness in Machine Learning with a Minor in Mathematics

Rebecca Mu Jie Chang  
Growth and Structure of Cities at Bryn Mawr College: Searching for Belonging in Ethnic Identity: Young Second-Generation Chinese-Peruvians in Lima, Peru with a Minor in Spanish

Ino Chough  
Biology: An Exploration Into the Involvement of DNA Repair Mechanisms in ODM in Chlamydomonas reinhardtii with a Minor in Creative Writing at Bryn Mawr College

Samantha Chun-Ling Chu  
Mathematics: Approximating Shortest Path Trees and Minimum Spanning Trees with a Minor in Classical Culture and Society

Alexander Simon Clark  
Economics: It's Not Just Black and White: Testing for Racial Discrimination and Own-Race Bias Among NFL Officials with a Minor in Health Studies

Benjamin Timothy Clark  
Economics: Keeping Fans in the Game: An Examination of How Competitive Balance in Major League Baseball Affects Fan Attendance with a Minor in International Studies at Bryn Mawr College

Cristian Francisco Clothier  
Geology at Bryn Mawr College

Bess Eleanor Pastan Cohen  
Sociology at Bryn Mawr College with a Concentration in Peace, Justice, and Human Rights

Zachary Atticus Cohen  
Economics: School Funding and K–12 Public Education in the United States: The Role of Expenditures in Promoting Student Achievement

Noah Eagle Connors  
Sociology: Instagram vs. Reality: Conceptions of Authenticity Among Instagram’s Micro-Influencers with a Concentration in Peace, Justice, and Human Rights

David Aaron Constine  
Linguistics: On Explaining Opaque Sound Change: Potential Counterexamples to Phonetically Motivated Change and Their Consequences with Minors in Psychology and History at Bryn Mawr College

Katherine Elizabeth Cook  
Biology: Investigating the Conversion of Fluorescent Markers via Oligonucleotide Directed Mutagenesis in Chlamydomonas reinhardtii with a Minor in Neuroscience

Alexandra Margaret Corcoran  
Political Science: Mobilizing Medicaid: Understanding Advocacy Group Action at the State Level and Spanish at Bryn Mawr College

Andrew James Cornell  
History: War Psychoses: Composition, Ideology, and Reception of the Music of Alban Berg From 1912 to 1935
Abigail Crowley
Political Science: Exploring China and Russia's Delegation to Cyber Proxies

Elizabeth Allegra Culp
Russian at Bryn Mawr College: Bodies in Tension: An Interpretive Political History of the Pro-Kremlin Youth Organization Nashi

Dayana Rachel Davila Portillo
Psychology: Postpartum Anxiety Behavior in Female Syrian Hamsters: The Roles of Hormone Withdrawal and Oxytocin Receptor Activity in the Dorsal Raphe Nucleus with a Minor in Health Studies

Stephen N. DeLeo
Political Science: Partners in Conflict: The Mechanisms Explaining U.S. Proxy Group Selection

Charvanaa Dhoonmoon
Chemistry: Rapid Characterization of Oil Residues in the Environment by Fourier-Transform Infrared Spectroscopy with a Minor in French and Francophone Studies

Carol Lee Kongo Diallo
Sociology at Bryn Mawr College: Resisting in Plain Sight: Empowerment, Social Change, and Everyday Resistance in the Natural Hair Movement with a Minor in Spanish

Aditya Paul Dias
Economics: Guilt and Generosity: An Experimental Approach to Maximizing Donations with a Minor in Growth and Structure of Cities at Bryn Mawr College

Renata Loeb DiDonato
Chemistry: Genetic Analysis of Orphan Type II (Polyaromatic) Polyketide Synthase Biosynthetic Gene Cluster Expression in the Cyanobacterial Strain Gloeocapsa sp. with a Minor in Health Studies and a Concentration in Biochemistry

Emily Dombrovskaya
History of Art at Bryn Mawr College: The Nation's Youth: Sovietization of Uzbek Life in the Photographs of Max Penson with a Minor in Museum Studies at Bryn Mawr College

Lilian Hawley Domenick
Spanish: Los discursos de autoridad y la construcción de la figura de la comadrona en Guatemala with Minors in Health Studies and Latin American, Iberian, and Latina/o Studies at Bryn Mawr College

Laura Ann Donahue
Biology: Exploring the Effects of Temperature Variation on Thermal Stress Response in Nematostella vectensis with Minors in Environmental Studies and Political Science at Bryn Mawr College

Sophia Eliza Drew

Shaquana Renee Drury
History: Manly Honor or Reckless Violence? The Culture of Boxing in 18th-Century London

Ryan Nicholas Dukarm
Economics: Does Running Fast Lead to Thinking Fast? Evidence From the NFL Combine and NFL Draft with a Minor in Statistics

Luke Austin Duris
Economics: Performance Compensation: How Are NBA Collective Bargaining Agreements and Players' Union Movements Improving Players' Compensation for Their Performance?

Andrew James Eaddy
Political Science: Innovation in Terrorist Financing: Interrogating Varying Levels of Cryptocurrency Adoption in al-Qaeda, Hezbollah, and the Islamic State with a Concentration in Middle Eastern and Islamic Studies

Hope Olivia Ebert
Biology: Systems Optimization for Artificial Ecosystem Selection: Preparing to Study the Phyllosphere Microbiome of Arabidopsis thaliana Using Phenotypic and Metagenomic Analysis with a Minor in Environmental Studies and a Concentration in Peace, Justice, and Human Rights

Ojani Eguia
Computer Science: History and Development of Reversible Architecture

Charlotte Simpson Eisenberg
Mathematics: Modeling the Opioid Overdose Crisis with a Concentration in Mathematical Economics
Ethan David Emmert
Religion: Conceptualizing Ancient and Contemporary Awakenings: An Analysis of Themes of Social Structures and Individualism in Ancient Gnosis, the New Age, and the Modern Day

Jacob Olson Ephron
Biology: Investigating the Effects of Ocean Acidification on the Thermal Tolerance of Nematostella vectensis with a Minor in Environmental Studies and a Concentration in Peace, Justice, and Human Rights

Samuel Charles Epstein
Chemistry: Probing Chain Sequestration in Carrier Proteins Using Raman Spectroscopy with a Concentration in Biochemistry

Andrew David Evans
Physics: Connecting Supermassive Black Hole Binaries to Pulsar Timing with Minors in Astronomy and Economics

Ian Austin Fisher
Linguistics: DP-Internal Only in English and Russian Computer Science: The Ergonomics of Faceted Execution

Mairin Rose Fitzpatrick
Mathematics: Mathematically Modeling the Western Honeybee Population Over Time With Respect to Colony Collapse Disorder: A Senior Bee-this with a Minor in Environmental Studies

Benjamin Daveron Forde
Mathematics: Infected: A Look at the Application of Epidemiological Models to John Oliver’s #makedonalddrumpfagain Campaign with a Minor in English at Bryn Mawr College and a Concentration in Mathematical Economics

William Evans Fox
Chemistry: Investigating the Degree of Water Exposure in a Hydrogel Peptide Using a Nitrile Probe with a Minor in Classical Culture and Society

Sophie Rose Frank
Comparative Literature: I’ll Follow the Sun: Queer Alternatives to Postcolonial Sexual Violence in Beyala’s C’est le soleil qui m’a brûlée and Dennis-Benn’s Here Comes the Sun with a Minor in French and Francophone Studies and a Concentration in African and Africana Studies

Charles Mosby Frindt
Political Science: The Power of Ideas: How Intellectuals and the Ideologies They Market Can Realign American Politics with a Minor in Linguistics

Benjamin Fairfax Frost
Chemistry: Proteolysis of a Semenogelin-I Derived Peptide in Monomeric and Fibrillar States and the Role of a BCOR Mutation in Clonal Hematopoiesis in Acquired Aplastic Anemia with a Concentration in Biochemistry

Joshua Leonard Damrad Frye
Anthropology at Bryn Mawr College: The Breaking Point: Land Use and Sustainability in the Mayan City of Caracol

ChuHui Fu
Chemistry: Construction of an Experimentally Validated Structural Ensemble for Nipah Virus Complex NTAIL-XD with a Minor in Mathematics

Rebeckah Keiper Fussell
Physics: Spots to Stripes and in Between: Navigating Pattern Formation Space

Christopher Joseph Gandolfo-Lucia

Kahlil Garnes
Economics: The Monetary and Social Opportunity Cost of Entering the NBA Draft Directly From High School Versus Completing One Year of College Before Entering the Draft

Dylan Russell Gearinger
Psychology: Examining the Relationship Between ΔFosB in the Nucleus Accumbens and Anxiety Following Hormone-Simulated Pregnancy with a Minor in Neuroscience

Eitan Geller-Montague
Political Science: Rivals and Partners: Explaining the Dynamic Nature of Israel-Palestinian Authority Security Cooperation with a Minor in Economics and a Concentration in Middle Eastern and Islamic Studies
Feven Zeray Gezahegn
Biology: Investigating the Genetic Control of Gastrulation in Anopheles gambiae and Drosophila melanogaster
with a Minor in Health Studies and a Concentration in Peace, Justice, and Human Rights

Alison Gibbons
Psychology: Towards a Neurobiology of Peripartum Mood Disorders: ΔFosB Induction in the Nucleus Accumbens Following a Hormone-Simulated Pregnancy
with a Minor in Neuroscience

Antonio Javier Gil
English: “On the Dead Homies:” Kendrick Lamar's Elegiac Ventriloquism
with Minors in Spanish and Latin American, Iberian, and Latina/o Studies at Bryn Mawr College

James Gisele
English at Bryn Mawr College: Alchemies of Livable Tactility in Porpentine Charity Heartscape's With Those We Love Alive
with a Minor in French and Francophone Studies

Quinn Tree Glabicki
Political Science: Satirical Subversion for Participatory Politics: Authoritarian Drift, the Two-Tailed Dog Party, and Political Cynicism

Christopher Joseph Glazer
Economics: Are Consumers Rational? A Look at NBA Teams’ End of Game Shot Selection
with a Minor in French and Francophone Studies

Maëlys Josephine Glück
Political Science at Bryn Mawr College: Outsourcing Genocide: On Domestic Security and Centrifugal Forces in Myanmar

Christopher Douglas Goings
with a Minor in Global Asia

Micaela Leah Gold
History: Converging Identities: The Creation of Argentine Sephardim in the Early 20th Century
with a Minor in Spanish and a Concentration in Peace, Justice, and Human Rights

Macy Merrick Goldbach
Chemistry: Characterizing the Fe-NO Binding Strength in Non-Heme Iron Nitrosyls With Differing Secondary Coordination Spheres
with a Concentration in Biochemistry

Kyle Jason Goldfarb
International Studies at Bryn Mawr College
with a Minor in History of Art at Bryn Mawr College

Olivia Eileen Graziano
Political Science: Which Women's Rights? A Comparative Analysis of Gender-Based Asylum Claims in U.S. Federal Courts
with a Minor in History of Art at Bryn Mawr College and a Concentration in Gender and Sexuality Studies

Amanda Jeanne Grolig
Sociology: Restorative Justice Education and Masculinity: Three Interactional Resources Gained in a Prison Context
with a Minor in Spanish and a Concentration in Gender and Sexuality Studies

Isabella Gross
Growth and Structure of Cities at Bryn Mawr College: Transforming Khayelitsha: Space, Security, and Problems of Structural Reform in Cape Town, South Africa
with a Minor in Environmental Studies

Noah Gabriel Grunberg
Biology: Exploring a Cell Cycle Mediated Mechanism for Oligonucleotide Directed Mutagenesis (ODM) in Chlamydomonas reinhardtii

Ashley Gabriela Guzman

Younghee Hahn
Biology: Optimizing Means to Investigate Putative “Immunity” Genes in Streptococcus pneumoniae
with a Minor in Health Studies
Gabriel Halperin-Goldstein
Sociology: The New War on Drugs: How Biomedicine and Science Have Disguised the Value Conflict Over Harm Reduction with Minors in Health Studies and Economics

Cooro James Harris
Chemistry: Investigation of the Performance of Iron-Based, Nitrogen-Doped Carbon Nanospheres as Oxygen Reduction Electrocatalysts with a Minor in Japanese Language

Abigail Athena Harrison
Geology at Bryn Mawr College

Sean Hashemi
Biology: The Role of the Chaperone Grp94 in Myocilin-Associated Glaucoma

Sarah Low Haviland
Political Science: Rationales for State Proxy Shifts in Conflict with a Concentration in Middle Eastern and Islamic Studies

ShuMin He
Anthropology: Memorialization of the Underrepresented: The Tacoma Chinese Reconciliation Park

Ryan Christopher Herlihy
Computer Science: Enhancing Racket Programming Language Security via Faceted Execution

Emily Sonia Levine Herzfeld
Political Science: Excessive Force and Barriers to Justice in the Courts: How and Why Liability Fails with a Minor in French and Francophone Studies

William Rayne Herzog
Growth and Structure of Cities at Bryn Mawr College: Employing Neighbors: Evaluating the Potential of Anchor Employment Initiatives to Build a Middle Class in Philadelphia

Sophia Quinn Hess
Political Science: Getting Off Track: A Policy Analysis of Initiatives to Increase Socioeconomic and Racial Integration Through Ability Tracking Reforms in K–12 Public Education with a Concentration in Peace, Justice, and Human Rights

Rebecca Fiona Peck Hickey
History: The Harried Housewife and the Happiness Pill: The Consequences of Gendered Pharmaceutical Advertisements in Mid-Century America with a Minor in Museum Studies at Bryn Mawr College

Justin Thoma Hiemstra
Mathematics: Markov Models and Improved Brute-Forcing Methods Russian at Bryn Mawr College: Encryption, Democracy, and the Peculiar Case of Russia’s Telegram

Nishat Tashnim Hossain
Independent major in Visual Studies: Yours Virtually: Materiality and Intervention in Virtual Media with a Minor in Sociology

Yuheng Huang
Chemistry: Identifying Anthropogenic Bias in Synthetic Chemistry: Using Randomized Reactions for Better Explorations

Robert Austin Huber
Growth and Structure of Cities at Bryn Mawr College: Roads to Rails: Spatial Expressions of Suburban (Auto)Mobility, 1900–1920

Thomas San Ie
Chemistry: Elemental Substitution of Rare-Earth Free Vanadate Garnet Phosphors for Use in White-LED Lamps with a Minor in Music

Matthew Edward Jablonski
English: Reassembling the West and the Orient in Mao II

Danielle Rose Jacobsen
Biology: Exploring PR and GR Polypeptide Expression and Toxicity in a Drosophila melanogaster Model of ALS and FTD with a Minor in Neuroscience and a Concentration in Biochemistry

Noah Jacobson-Carroll
History at Swarthmore College: Radical Potential and Contradictions of Excess in Industrial Music

Jharna Jahnavi
Biology: Investigating Wolbachia Transfection and Cytoplasmic Incompatibility in Invasive Insect Species with Minors in Neuroscience and Health Studies
Leah Elizabeth Jarvik
English: “Much Madness is Divinest Sense:” An Analysis of Theatricality and Madness in Hamlet
Independent major in Theater at Bryn Mawr College: Performance of the solo play entitled Every Brilliant Thing by Duncan Macmillan

Jhoneidy Javier
Comparative Literature: The Addict Within Divine Space: A Deconstruction of Opium Life Narratives

Jarren David Jennings
Linguistics: Untitled

Xiwen Jia
Chemistry: Development of an Automated Route to Mixed Metal Halide Perovskite Synthesis via Inverse Temperature Crystallization with a Minor in Health Studies and a Concentration in Scientific Computing

Daniel Jason Joffe
Biology: Investigating the Effects of (Z)-13-Methyltetra-4-Decenoic Acid on Multidrug Resistant Gram-Negative Bacteria

Shilin Jog
Anthropology: Catching Fish Versus Watching Dolphins: The Changing Socioeconomics of the Pagi Community in South Goa, India

Nicholas Ryan John
Chemistry: P-Nitro Phenylalanine as a Raman Probe of Hydrogen Bonding in Peptide Hydrogels and Other Systems

Miranda Odessa Johnson
History: Blackface Minstrelsy and the Theater of Empire, 1838–1860

Yitzchok Kahan
Political Science: The Herd or the Shepherd? Understanding and Comparing the Effects of Exposure to Norms and Leader Positions on the Political Attitudes in Social Groups with a Minor in Economics

Nicolas Carey Kaplan
Political Science: Civil Wars, Peace Accords, and Democracy: A Case Study of Democratization Efforts in Guatemala and El Salvador in Post Conflict Environments with a Minor in Spanish

Elana Rachel Kates
Fine Arts: Collected Incorporated
History of Art at Bryn Mawr College: German Aesthetics: Michel Majerus’ Expressions of German Identity in the Age of the Internet

Batia J. Katz

Max Jared Kauderer

Sarah Sujin Kay
Computer Science at Bryn Mawr College: Author Gender Classification From Blogs: A Comparative Analysis of N-Grams-Based Authorship Attribution Techniques with a Minor in Economics

Mary Catherine Kearney-Brown
English at Bryn Mawr College: “He Was There to Catch Me When I Leapt:” Postmemory and Second-Generation Witnessing in Alison Bechdel’s Fun Home with a Concentration in Peace, Justice, and Human Rights

Anton Jay Riseman Kienzle
Mathematics: The Binomial Logistic Model

Evan Andrés Klasky
Political Science: Adapting to Survive: Regime Transformation in Venezuela with Concentrations in Peace, Justice, and Human Rights and Latin American, Iberian, and Latino Studies

Miles Charles Knecht
English: I Miss You the Most When You’re Here: The Chronotope of Fantastic Mourning in American Gods

Katerina Konradova
Comparative Literature: Enforcing Utopia: Intersections of the Idée Fixe and Camusian Philosophy in Jorge Luis Borges’ “El Zahir” and Hassan Blasim’s “The Nightmares of Carlos Fuentes” with a Minor in Arabic at Swarthmore College

Hannah Rose Krapes
Economics: Understanding the Relationship Between Competitive Pressure, Performance, and Gender Through the Lens of Professional Tennis with Minors in Statistics and Health Studies
Maximilian Eisenberg Krieg
Economics: Repayment and Religion: The Impact of Religiosity on 90+ Day Mortgage Delinquency with a Minor in Statistics

Anna Elisabeth Kullnigg
Economics: The Online Clinic: Using Google Trends to Measure the Effect of Abortion Restrictions on Illegal Abortion Rates with Minors in Health Studies and Philosophy

Peter B. Kurtz
Comparative Literature: Picking the Lock: Historical Documentary Methods in Alessandro Manzoni’s I promessi sposi and Herman Melville’s Benito Cereno with a Minor in Italian and Italian Studies at Bryn Mawr College

Sabrina D. Kwak
Biology: Determining the Nature of Wolbachia Localization in Host Drosophila melanogaster with Minors in Global Asia and Health Studies

Kofi Kwakwa
International Studies at Bryn Mawr College with a Minor in History at Bryn Mawr

Jake Samuel Kwon
Classical Languages: The Platonic Defense of Homeric Allegoresis in Porphyry’s On the Cave of the Nymphs

Trevor Flynn Larner
Mathematics: An Exploration of Nonparametric Regression with Minors in Statistics and Economics

Tina Khánh Và Lê
English: “I Was in a Familiar Place, the Place of Feeling Unfamiliar:” Multiplicity, Melancholy, and (Mis)recognition in Viet Thanh Nguyen’s The Sympathizer with a Minor in Health Studies

Ethan Lee-Tyson
Economics: Measuring Managers: Using Major League Baseball as a Lens

Olivia Charis Legaspi
English: How to Become One With Your Borderline Personality Disorder: Stories with a Minor in Fine Arts

Stephen Albert Lehman
History: Utopian Visions, Apocalyptic Dreams, and Indigenous Reactions: Feather Art and the Construction of a New Colonial Culture in 16th-Century Michoacán with a Minor in Spanish

Aurora Leigh Lewis
English: The Importance of Irreverence: Slaughterhouse-Five and Vonnegut’s Anti-War Message with a Minor in French and Francophone Studies

Wei Li
Chemistry: Synthesis of Four-Coordinate Tripodal Tris(2- (imidazolidin-2-ylideneamino)ethyl)amine and ESI-MS Assisted Exploration of Coordination Structure with a Concentration in Biochemistry

Yilin Li
Computer Science: Adversarial Examples Under Fairness Constraints Mathematics: Finite Element Methods for Differential Equations

Yutong Li
Computer Science: A General Framework for Proving Sauer-Shelah Type Lemmas Mathematics: Deformation of the Weyl Character Formula for Classical Lie Groups of Cartan Type D via Ice Models

Kaley Marie Liang
Comparative Literature: “A Lost Race Against Time and Memory:” The Unraveling of the Investigator’s Search for Origins in Laura Restrepo’s La novia oscura and Paul Auster’s City of Glass

Jiaxin Lin
Anthropology and German and German Studies: Memory Politics and National Identity Formation: Problematizing German Erinnerungskultur

Andrew Bates Linden
History: Sheng Shicai’s Attempts to Retain Power on the Russo-Chinese Borderland From 1933 to 1944

Alexander Y. Liu
International Studies at Bryn Mawr College with a Minor in Economics

Yanhan Liu
Mathematics: An Analysis of Data Fitting of the Baez and Kuang Model for Prostate Cancer Patients Under Intermittent Androgen Deprivation Therapy (IAD) with Minors in Statistics and Economics
Stephanie Lukez
Anthropology: Gentrification and Education: Modern Day Segregation in Strawberry Mansion with a Minor in Economics

Liam Thompson Lynch
Astrophysics: GravCalc: An Online Tool for Gravitational Wave Analysis Using Pulsar Timing with a Concentration in Scientific Computing

Ethan James Cano Lyne
Political Science: What Can Be Done to Strengthen the Right to Counsel in the United States? A Policy Analysis with Minors in Growth and Structure of Cities at Bryn Mawr College and Environmental Studies

Charlie Finn Lynn
Spanish: Rodolfo Walsh “no va a morir nunca:” La evolución política en la creación de un mito with a Concentration in Latin American, Iberian and Latino Studies

Han Zhong Mahle
Political Science: Hospitals Without Borders: How Bangalore’s Medical Tourism Sector Fueled the Multinational Aspirations of Hospital Chains

Grace Annika Mathis
Political Science: Africa’s New Green Revolution: Smallholder Farmers as the Solution to Food Insecurity in the Case of Kenya with a Minor in Environmental Studies and a Concentration in Peace, Justice, and Human Rights

Tomas Alejandro Manuel Ebro Matias
Economics: To One’s Art’s Content: Pricing Models for Valuations of High-Value Paintings at Auctions with a Minor in Film and Media Studies at Swarthmore College

Daniel Frank Mayo
Psychology: The Role of Microaggressions and Mentorship on College Student Identity Integration with a Minor in Health Studies

Tyler Covi McCarthy
Political Science: Mayoral Control: An Opportunity to Achieve Education and Institutional Reform in Urban School Districts? with a Concentration in Peace, Justice, and Human Rights

Justin M. McHenry
Computer Science: A New Direction for ADI with a Minor in Psychology at Bryn Mawr College

Rob Roy McLallen IV
Economics: A Study of Moral Hazard: Evidence From NFL Free Agency

Melissa Jean McLaughlin
Biology at Bryn Mawr College: Effects of Invasive Phragmites australis on Soil Carbon Pools

Lillian Mason McNulty
Political Science: Protecting the Right to Choose: Considering the Relationship Between the State and Female Autonomy Through the Lens of Legalizing Commercial, Gestational Surrogacy Agreements with a Minor in Economics

Kevin Noah Medansky
French and Francophone Studies: Performance of “Apnée ou le Dernier des militants” with Minors in Film and Media Studies at Swarthmore College and Environmental Studies and a Concentration in Peace, Justice, and Human Rights

Liubov Mendelevich
Anthropology: A Short Film Entitled Queering the Park and The Anatomy of Queering the Park: How an Ethnographic Film About a Queer Skateboarder in New York City Gets Made with a Minor in Fine Arts

Jaime Marie Metzger
Linguistics: Colonial Valley Zapotec Effects on Bilingual Spanish with Spanish: Testamentos coloniales de resistencia zapoteca: “Nada más mi palabra”

Georgia Rae Meyer
Psychology: “It’s Not a Music Lesson, It’s a Life Lesson”—Music Therapy in the Classroom: Facilitating Connection and Cooperation

Reilly Parker Milburn
Astronomy and Physics: Transiting Exoplanet Follow-Up Using Small Telescopes

Abigail J. Miller
Fine Arts: Harm and Healing: An Exhibition of Paintings and Sculptures That Examine Human Interactions With Wildlife

Elizabeth Price Miller
Psychology: Interactions of Race and Social Status in Visual Attention, Memory, and Perceptions with a Minor in Neuroscience

Tate W. Miner
Psychology: Social Dominance Orientation in Young Adulthood: A Narrative Approach
Hannah Lambert Misangyi
English: “An Embrace in Death:” Psychic Resistance of the Symbolic Order as Freedom in Mrs. Dalloway with a Concentration in Gender and Sexuality Studies

Nicholas Kubisch Montgomery
Political Science: The Root Causes of Migration, Impacts of U.S. Immigration Policy, and the Role of Central American Governments on Streams of Migration: A Case Study of Guatemala with a Minor in Spanish

Vanessa Morales
Anthropology: Chismosxs A Través De Las Fronteras: Exploring Chisme as a Vehicle of Intimacy in My Transnational Family with a Minor in Latin American, Iberian, and Latina/o Studies at Bryn Mawr College

Bradford Hampsey Morbeck
Anthropology: “That’s Why I Always Come Back Here:” Cosmopolitanism, Belonging, and Touristic Spaces in Post-Apartheid Windhoek with a Minor in German and German Studies

Gregory Matthew Morgan
Computer Science: Grapheme to Phoneme Conversion: Using Input Strictly Local Finite State Transducers

Joshua Glen Moskovitz
Economics: Choice, Traits, and Leadership: The Effect of Decision-Making Strategy on Effective Leadership Qualities with a Minor in Psychology and a Concentration in Mathematical Economics

Kirsten Loretta Mullin
Political Science: What Explains the Variation in Sexual Exploitation and Abuse Allegations in UN Peacekeeping Missions? A Case Study on Mali and the Central African Republic with a Minor in Economics

Taylor Mae Murphy
Fine Arts: I Desperately Need Melatonin with a Minor in Visual Studies

Tamsin Myers
Anthropology at Bryn Mawr College: The Baptists of Arch Street: Paleopathology as a Window Into Lived Experience in 19th-Century Philadelphia

Anna Marie Neuheurdt

David Chase Newman
Economics: Delayed Rewards and Dynamic States in the Multi-Armed Bandit Problem with a Minor in Statistics

Andrew V. Nguyen
English: Graphic Remembrance: Recuperation and Absence in Thi Bui’s The Best We Could Do (2017) with a Minor in Dance at Bryn Mawr College

Tai Dang Duc Nguyen

Xueting Ni
Psychology: Ethnocultural Patterns in Social Support Mismatch: Links With Relationship Satisfaction and Well-Being with a Minor in Economics

Carmen Ana Nieto
History of Art at Bryn Mawr College: Collecting and Exhibiting Mount Pleasant: Period Room Displays in Historic House Interiors at The Philadelphia Museum of Art with a Minor in Museum Studies at Bryn Mawr College

Jai Abhijit Nimgaonkar
Computer Science: Re-Evaluation of the ProPublica Article on Machine Bias

Moeka Noda
Growth and Structure of Cities at Bryn Mawr College: Competition and Cooperation Among Declining Regional Cities: The Survival of Aging Japan with a Minor in Visual Studies

Tess Bloomfield Oberholtzer
English: “Such Loss Is No Loss:” Exploring Queer Poetics in H.D.’s Archive and “Eurydice”

Tyler Edward Ogborn
Mercette Ohlwiler  
Biology: *Intraspecies Competition in Streptococcus pneumoniae Mediated by Bacteriocin-Like Peptides* with a Minor in Health Studies

Zachary Ryo Oji  
Physics: *Ion Induced Conductivity of TPP₄ Porphyrin Nanorods* with a Minor in Spanish

Tania Isabel Ortega  
Anthropology: *Creando lazos: Exploring a Pedagogy of Carino Within Puentes Hacia el Futuro and a Broader Migrant Rights Movement* with a Minor in Latin American, Iberian, and Latina/o Studies at Bryn Mawr College

Emily O'Sullivan  
Psychology: *Blocking Oxytocin Receptors in the Dorsal Raphe Nucleus of Syrian Hamsters Following a Hormone-Simulated Pregnancy* with a Minor in Neuroscience

Justin Atsushi Otter  
Astronomy and Physics: *Protoplanetary Disks in the Orion Nebula Cluster* with a Minor in Mathematics

Divesh Santosh Otwani  
Computer Science: *Programmer-Controlled Readable Polyhedral Optimizations of syr2k*  
Mathematics: *Knot Theory: Close and Sharp Bounds on the Grid Index*

Ellysia Nicole Overton  
Biology: *Exploring the Physiological Response of Phytoplankton to Bacterially Derived Marine Natural Products* with a Minor in Environmental Studies

Maria Agustina Padrón  
Psychology: *The Future of Chronic Pain Management: The Importance of Education and an Interdisciplinary Individualized Patient-Centered Approach*

Paloma Marie Paez-Coombe  
History: *“Arbitrary, Capricious, and Without Reasonable Relation to Any Purpose:” Pérez v. Sharp, Miscegenation Law, and the Interracial Consciousness of Post-War Los Angeles* with a Concentration in Peace, Justice, and Human Rights

Riddhi Mita Panchal  
Mathematics at Bryn Mawr College: *A senior project entitled A Fractal Exploration of the Financial Crisis with a Minor in Economics and a Concentration in Mathematical Economics*

Sehyeok Park  
Computer Science: *Iteration Based Performance Tuning of Matrix Vector Transpose Algorithm*  
Economics: *Performance of IMF Borrowers Against Future Banking Crises*

David Leonard Parker  
Computer Science: *Scaling Faceted Execution in Racket Using Languages as Libraries Approach* with a Minor in Psychology

Jordanlee W. Parra  
Mathematics: *El grupo symmetrónico, álgebras de lie, y la identidad de Jacobi* with a Minor in Economics

Samuel Holt Partee  
Computer Science: *Trans-Resolution Model Parameter Optimization Using Artificial Intelligence*

Graham Charles Peet  
Biology: *The Molecular and Circuit Mechanisms Underlying Simple Decision-Making and Learning in Larval Zebrafish* with a Concentration in Biochemistry

Tristan Jacobo Pepin  
Linguistics: *Cognitive Linguistics and Its Connection(s) to Human Wayfinding*

Nicholas Andrew Perez  
Economics: *Star Power: The Effects of Superstar Athlete (Amenity) Movement on Local Economies*

Catherine Le Phan  
Biology: *Investigating a Novel D. melanogaster Model for Prion-Like Transmission, Protein Aggregation, and Toxicity for Alpha-Synuclein in Glia* with Minors in Health Studies and Neuroscience

Thomas Walter Phillips  
Economics: *Uncertainty in the Hiring Process: The Effect of College Baseball Playoff Performance on the MLB Draft*

Arielle Pinto  
Philosophy at Bryn Mawr College: *Play and Socialization in Montaigne: Horsemanship, Carnival, and Conversation* with a Minor in Spanish at Bryn Mawr College
Natalie Marie Pisch
Psychology: Blocking Oxytocin Receptors in the Dorsal Raphe Nucleus of Syrian Hamsters with Minors in Neuroscience and Economics

Scott Black Pollara
Biology: Chemically Mediated Control: Molecular and Physiological Impacts of Exposure to Bacteria-Derived Infochemicals Tetrabromopyrrole and 2-heptyl-4-quinolone on Emiliania huxleyi with a Minor in Global Asia and a Concentration in Biochemistry

Simon August Poser
Political Science: International Courts and Peacetime Espionage: A Study of State Behavior

Paige Powell
Biology: The Effects of Ocean Acidification on Regeneration and Prey Capture in the Estuarine Sea Anemone Nematostella vectensis with a Minor in Environmental Studies

Diane Soraja Preivilon
Economics: Is Streaming the Hail Mary of the Music Industry? The Impact of Music Streaming Services on Piracy and Streaming with a Minor in Psychology

Kerry Mary Quigley
English: Visuality, Textuality, and Queer Temporalities in Virginia Woolf’s Orlando with a Minor in Gender and Sexuality Studies

Amanda-Lynn Quintero
Computer Science: How Acquiring the “Perfect Match” Within Clothing Recommendation Systems Relies on Human Judgement: Literature Review

Tristan David Reasor
Biology: What Is the Role of ap2s1 in the Neural Circuit of Habituation in Zebrafish?

Phillip Norman Reid
English at Bryn Mawr College: Doing Human Differently: Decolonial Form(ations) in Toni Cade Bambara’s Gorilla, My Love, Sandra Cisneros’ The House on Mango Street, Nalo Hopkinson’s Skin Folks, and Justin Torres’ We the Animals with a Concentration in Peace, Justice, and Human Rights

Nicholas Abraham Rhodes
Growth and Structure of Cities at Bryn Mawr College: Pipe Dreams and Other Such Structures: Technology, Space, and Power in Utopian Urbanism From 1888 to 2018

Stephen Thomas Ridings
Chemistry: Characterization of Alkyne Vibrational Probes for Membrane Proteins

Matthew Luther Ridley
History: I Beg Your Pardon, Please Part These Pages: Why the Black Magazine Needed Harlem’s Literary Scene with a Concentration in Latin American, Iberian, and Latino Studies

Maurice Rippel
English: Beginning Again: History, Trauma, and Textual Transubstantiation in Derek Walcott’s Another Life with a Minor in Education at Bryn Mawr College

Emma Westcott Robinson
Biology: An Investigation Into Broadening the Applicability of Oligonucleotide-Directed Mutagenesis in Chlamydomonas reinhardtii by Designing Selectable Markers and Using Two Oligonucleotides Simultaneously

Heather Ayumi Robinson
Psychology: Find the Silver Lining or Ignore the Cloud? Differences Between Emotion Regulation Strategies in Depression with Minors in Neuroscience and Dance at Bryn Mawr College

Theodora Annabel Maloney Rodine
Anthropology: Staging Interventions: Limitations and Advantages of Performance as Research with a Minor in Environmental Studies and a Concentration in Peace, Justice, and Human Rights

Nathaniel Wheeler Rolfe
Chemistry: Spectrophotometric Determination of Auxiliary Anion Binding Affinities to [Co(DI[G3tren])2+] A Cobalt Centered, Tripodal Ligand Complex with a Minor in Latin and a Concentration in Biochemistry

Rina Sugihara Rosnow
Biology: Exploring Human MYH9-Related Disorders Through Drosophila melanogaster Disease Models

Naomi Rufino
Economics: Exploring the Impact of Sanctuary Policies on Hispanic WIC Enrollment with a Minor in Psychology
Katharine Emily Safter
Political Science: A Framework for Accounting for Latino Immigrant Integration: The Case Study of Mexican and Central American Immigrants in New York City with a Minor in Educational Studies

Cole Sansom
English: “What the Hell Happened to Our Smart Jewish Kids?” Writing to Bridge Generational Divides in Philip Roth's American Pastoral with a Minor in Film Studies at Bryn Mawr College

Margaret Rose Qiuxue Sawyer
Latin: Io and Trauma in Ovid’s Metamorphoses: Rape and Transformation with a Minor in Psychology

S. Matey Scheiner
Psychology at Bryn Mawr College

Ellen Schoder
History: “Confinement as the Instrument of Conversion:” Insanity, Criminality, and Solitude in Early 19th-Century Philadelphia

Max David Schwartz
Economics: The Determinants of Household Solar Photovoltaic Adoption in the United States with a Minor in Environmental Studies

Joseph F. Scibelli Jr.
Economics: Boom or Bust: Strategic Information Transmission in the NBA Draft with a Minor in Global Asia and a Concentration in Mathematical Economics

Talia Niasia Scott
Political Science: The Emergence of a Prosecutorial Reform Movement with Concentrations in Peace, Justice, and Human Rights and African and Africana Studies

Rebecca A. Seeley
Chemistry: Synthesis and Characterization of Potential Small-Molecule Inhibitors of the Lin28:pre-Let-7 Interaction in Pancreatic Adenocarcinoma with a Minor in Fine Arts and a Concentration in Biochemistry

Nina Katherine Shah
Biology: Investigating the Effects of a Heat-Shock Protein on Poly-GA Aggregation and Toxicity in C9orf72-Associated ALS and FTD with a Minor in Neuroscience

Liana Shallenberg
Psychology: Do You Believe You Can Change Your Prejudice? with a Minor in Chinese Language

Elisa Ming-Chuan Sheen
Psychology: Does Attentional Control Efficacy Depend on Depression Symptom Severity? with Minors in Economics and Neuroscience

Rohan Vikram Shukla
Computer Science: Foundations and Applications of Authorship Attribution Analysis with a Minor in Mathematics at Bryn Mawr College

Isabella Madeleine Siegel
Fine Arts: Exhibition of Multi-Media Photocollage Tapestries Representing Central and Eastern European Architecture and Artistic Cultures with a Minor in Visual Studies

Cecilia Elisabeth Silberstein
Mathematics at Bryn Mawr College: Monitoring Stream Health: Comparing Urbanness to Macroinvertebrate Health With Quantile Regression for Watershed Management and Environmental Studies at Bryn Mawr College

Qwajarik Sabre Sims
Economics: The Evolution of Pace’s Role in NBA Revenue Generation: Analyzing the Effects of One of the NBA’s Most Trending Components

Achint Kaur Singh
Psychology: The Hormonal and Molecular Underpinnings of Peripartum Mood Disorders: The Effect of Ovarian Hormones and ΔFosB Accumulation in the Nucleus Accumbens on Anxious Behavior in Mice Following a Hormone-Simulated Pregnancy

Yash Bahadur Singh
Biology: A Next-Generation Sequencing Assay for Rearrangements of the Antibody Heavy and Light Chain: Trials, Tribulations, and Implications for Autoimmunity

Leslie W. Hubert Sketchly Casillas
Economics: The Effects of Seguro Popular on the Use of Preventive Health Services for Mexican Adults with a Minor in Latin American, Iberian, and Latina/o Studies at Bryn Mawr College

Dylan Zachary Slack
Computer Science: Expert-Assisted Transfer Reinforcement Learning
Rachel Donna Sliwinski  
Psychology: The Interactions of Emotion Regulation and Attention Across the Spectrum of Depressive Severity with a Minor in Neuroscience

Julia Devorah Byron Smith  
Chemistry: Synthesis of Phytanic Acid Isotopologues for High Resolution Mass Spectral Metabolite Analysis of Refsum Fibroblast Extracts

Eleni Alexandra Smitham  
Spanish: Las Parcelas de Norris Square: Examinando procesos de transculturación en la comunidad puertorriqueña de Filadelfia/Norris Square’s Las Parcelas: Examining Processes of Transculturation in Philadelphia’s Puerto Rican Community and International Studies at Bryn Mawr College with a Minor in Health Studies

Nathan Davor Sokolic  
Sociology: The Student Affairs “Edge” in Colleges and Universities

Maryanna Margaret Solecki  
Economics: The Effect of Major U.S. Sporting Events on Sex Crimes: Evidence From Los Angeles, San Francisco, and Seattle

Maxim Sonin  
English: The Coding of the Woosters

Gabriela Cristina Soto-Canetti  
French and Francophone Studies: Post-mémoire dans l’Algérie post-coloniale: Représentations du traumatisme intergénérationnel et de l’identité chez Samir Touni et Leila Sebbar with a Minor in Health Studies

Matthew Elliott Soulanille  
Computer Science: Building Languages With Racket with a Minor in Mathematics

Aaron Blaise Sterngass  
Classical Culture and Society and History: It’s Complicated: Relations Between Greek Settlers and Indigenous Sicilians at Megara Hyblaea, Syracuse, and Leontinoi in the Eighth and Seventh Centuries BCE

Madison Brooke Sultan  

Sarah Catherine Svetec  
Psychology: Healthcare Price Transparency and Trust in the Patient-Physician Relationship with a Minor in Health Studies

Nicholas Armig Sweeney  
Astrophysics: Halo Formation and Ultra-Light Axion Dark Matter with a Minor in Philosophy

Ryan Evan Tetro  
Physics: Measuring Thermal and Athermal Interactions in Sedimenting Particles at High Péclet Numbers

Elom Kobla Tettey-Tamaklo  
Political Science: Ajaja Gbara Eni: Exploring Citizen Rebellion in Post-Colonial Nigeria with a Concentration in African and Africana Studies

Hanae Joy Togami  
Biology: Antarctic Deep-Sea Coral Flabellum impensum Resistant to End-of-Century Ocean Warming During Larval Development with a Minor in Environmental Studies and a Concentration in Peace, Justice, and Human Rights

Garret Daniel Trucksess  
Political Science: Blockchain-Based Electronic Voting: A New Approach to Elections in Florida

Noah Lo-Tien Tsao  
Chemistry: The In Silico Analysis of ANGPTL3 Rare Exonic Missense Variants and Its Application to Population Genetics with a Concentration in Biochemistry

Jared Michael Whitmore Turner  
Political Science: Waxing and Waning Power: How the Fight for Central Intelligence Agency Power, From 1946 to 2008, Illustrates the Ongoing Separation of Powers Battle Between the Legislative Branch and the Executive Branch

Alissa Andrea Valentine  
Psychology: ΔFosB and the Nucleus Accumbens: Explanations for Peripartum Mood Disorders with Minors in Neuroscience and Health Studies

Gregory A. Van Aken  
Chemistry: Implementing an Actor-Based Computing System for High-Throughput Featureization of Protein Structures for Machine Learning with a Minor in Computer Science and a Concentration in Scientific Computing
Seanna Joycelyn Viechweg
English: “I’m a Long Way From Home:” Seeking Belonging in the Afterlives of Slavery in Octavia Butler’s Kindred
with a Minor in Educational Studies

Christopher Steve Villalta
Computer Science: State Influence Calculations for Deep Q-Networks

Jonam David Walter
Physics: Characterizing the Hindered Settling Function at Low Reynolds Number

Daobo Wang
Political Science: Dancing With Uncertainties: Why and How Queer Civil Society in China Stays “In the Closet” to Survive Under Authoritarianism
German and German Studies

Kaiwei Wang
Chemistry: Analytical Approaches for Analyzing Microplastics in the Marine Environment

Michael Aaron Weber
Religion: “With God’s People:” Individual Paths and Communal Belonging at an LGBTQ+ Church

Allison Mary Weiner
Anthropology: Redefining Artistic Legitimacy: An Ethnographic Inquiry Into Urban Art in Rome, Italy
with a Minor in Health Studies

Alejandro Wences
Political Science: The United States and Coercive Ejection: The Obligation of the U.S. to Expatriates in Mexico and Its Democratic Assumptions
with a Minor in Educational Studies

Sydney E. West
Psychology: The Influence of Vocal Pitch on Recognition Memory

Stephanie Michaela Widzowski
Geology at Bryn Mawr College: Science Communication and Learning in Museums
with a Minor in Environmental Studies

Hannah Wild
Psychology: Blocking Oxytocin Receptors in the Dorsal Raphe Nucleus May Attenuate Anxiety Behaviors in the Female Syrian Hamster Following a Hormone-Simulated Pregnancy
with a Minor in Neuroscience

Miguel Joseph Wise
History: Building Mexico’s “Enormous Show Window:” The 1961 National Border Program and the Construction of an International Stage for a New Mexicanidad on Mexico’s Northern Border
with a Minor in Spanish

Rachel L. Wolfson
Sociology: Boutique Fitness Studios Become a One-Stop Shop for the Modern Healthy Woman: A Study of the Reproduction of Gender Through Exercise
with a Minor in History of Art at Bryn Mawr College

Ian Patrick Woodhouse

James R. Wu
Physics: Iridescence of Dynamic Ocellated Pheasant Displays

Yang Wu
Chemistry: Expression and In Vitro Activity Assay of Ancient Non-Actinobacterial Ketosynthase: Chain Length Factors
with a Concentration in Biochemistry

Hangcheng Xu
Film and Media Studies at Swarthmore College: A documentary film entitled A Letter to Be Finished
with a Minor in Sociology

TianMing Xu
Computer Science: Real Time Ray Tracing and Computational Challenges
with a Minor in Mathematics

Matthew Asher Yacavone
Mathematics: Cluster Variables, Path Posets, and Polynomial Invariants of Rational Knots
with a Minor in Computer Science

Leyu Yao
Mathematics and Physics
3/2 Program in Engineering with California Institute of Technology
Magdalena Kathleen Nofziger Yeakey
Comparative Literature: “Los sujetos se diluyen:” The Narrative Process of Remembering in Michael Ondaatje’s Anil’s Ghost and José Carlos Agüero’s Persona with a Minor in Spanish and a Concentration in Peace, Justice, and Human Rights

Ruiyi Yuan
Biology: From Ocean to Neurodegenerative Disease Treatment: Drug Discovery From Marine Bacteria for Tauopathy Using Caenorhabditis elegans with Minors in Health Studies and Statistics

David Wassie Zegeye
Astronomy and Physics: Forecasting LSST’s Sensitivity to Ultra-Light Axions

Cecilia Chenxi Zhou
Chemistry: Synthesis of H1632 Analogues as Lin28:pre-Let-7 Small Molecule Inhibitors of Pancreatic Ductal Adenocarcinoma (PDAC) with a Concentration in Biochemistry

Sipeng Zhou
Mathematics: A Geometric Illustration and an Application of Principal Component Analysis with Minors in Statistics and Japanese Language

Wei Zhu
Sociology: The Economic Foundations of Democratization: The Case of Taiwan and Implications for China with a Minor in Statistics

Zhechen Zhu
Computer Science: A Study of Search Algorithms and Their Properties with a Minor in Economics

Jillian Claire Zimmerman
Political Science: The Assimilation of Italian Americans Into an American White Race Over an Italian One with a Minor in Japanese Language

This program presents information for students who completed graduation requirements at the time of printing. It may not confirm completion of requirements. The college transcript serves as the official student record.