

THE CLASS OF 2019

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 NMR 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*

Abigael 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 Dombrowskaya

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

Biology at Bryn Mawr College: *Everything but the Carbon Sink: Cessation of N Enrichment Allows for Rapid Recovery of Carbon Cycling Processes in a New England Salt Marsh*
Spanish: *El laberinto contaminado: El cambio climático y el futuro distópico de Homero Aridjis*

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 #makedonaldtrumpagain 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

Mathematics: *Using Depth to Identify Fully Commutative Elements in the Symmetric Group*
English: *The Language Stump: Language and Loss in Maggie Nelson's Bluets*

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 $\Delta FosB$ 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 Heartscapes' With Those We Love Alive*
with a Minor in Physics

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

Economics: *Federal Credit Market Intervention as Fiscal Policy: Federal Credit and Its Impact on Commercial Bank Lending and Liquidity, 1976–2018*
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*

Zhongtian Guan

Philosophy at Bryn Mawr College: *Aristotle's Music Education*
with a Minor in Mathematics

Madeline Celia Guth

Political Science: *Addressing Unintendedness: An Analysis of LARC-Focused Initiatives to Reduce Unintended Pregnancy Among Low-Income Women*
with Minors in Chinese Language, Statistics, and Health Studies

Ashley Gabriela Guzman

History of Art at Bryn Mawr College: *Digital Editing, Narrative Construction, and the Filter: How History in RGB Creates Space for Dynamic Frameworks*

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 a Minor 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

Economics: *Parenthood, Partnership, and Pay: The Effect of Family Responsibility on the Gender Wage Gap in Science and Engineering*

Max Jared Kauderer

Economics: *How Equitable Is Direct Trade? Exploring Markets and Innovation in the Global Coffee Value Chain*

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 Kienzel

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 Vân 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 ES-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

Political Science: *Slaying Skid Row: Finding a Solution That Works for Both the Homeless and Housed Communities in Los Angeles, California* with a Minor in Economics

Alexandra Mina Lin

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*
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 Neuheardt

Economics: *Psychiatric Professionals in the Emergency Room: Do Psychiatric Professionals Affect Efficiency and Thoroughness of Care for Psychiatric Patients in U.S. Emergency Rooms?* with a Minor in Statistics

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

Economics: *Home Sharing in New York City: Impact on Hotel, Rental, and Welfare* with Minors in Statistics and Chinese Language

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

Comparative Literature: *Cultural Evolution in Adaptation Metafilms: De-Doxifying the Cinema Machine in Le Mépris (1963) and Adaptation (2002)*

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 TPPS₄ Porphyrin Nanorods* with a Minor in Spanish

Tania Isabel Ortega

Anthropology: *Creando lazos: Exploring a Pedagogy of Cariño 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 Explanation 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 simétrico, 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*

Catheline 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 *Emiliana 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 Previlon

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 Concentration 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 $\alpha 2s1$ 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(DIG3tren)]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 African 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 Δ FosB 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 Skertchly 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 Toumi et Leïla 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

Economics: *Baby, I Can See Your Halo: How the Halo Effect, Loss Aversion, and Strategic Attribute Disclosure Neglect Can Inform Negative Advertising*
with Minors in Statistics and Psychology

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 Featurization of Protein Structures for Machine Learning*
with a Minor in Computer Science and a Concentration in Scientific Computing

Seanna Joycelyn Viechweg

English: *"In 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

English: *William Wordsworth's "The Prelude: Beauty and Fear in the Pedagogy of Nature*

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
Jose 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.