

Welcome

Welcome to the **HOLY CROSS ACADEMIC CONFERENCE 2019** sponsored by the Office of the Provost and Dean of the College. This annual event is a celebration of over 415 Holy Cross students and their independent work over the past year under the guidance of faculty members in the performing and visual arts, social sciences, humanities, and natural sciences. These presentations required the collaboration between students and faculty advisors and reflect the creativity and hard work over the year.

The students presenting and performing at this conference represent but a fraction of the independent and group-project student work that has and will occur this year. As the academic year draws to a close, the Academic Conference is a time to allow us to celebrate the independence, creativity, intellectual discipline, and deeper understanding of self and subject that all our students have developed while at Holy Cross and the role that the faculty members have played as mentors and model teacher-scholars.

Without the interest, enthusiasm, follow-through, flexibility, and guidance of the faculty and administrative sponsors of the academic programs, this event would not have been possible. Our thanks to Professors Susan Elizabeth Sweeney (Scholar Programs) and Susan Cunningham (CIS), and to the concentration directors, department chairs, academic program coordinators, conductors of musical groups, and directors of Department Honors programs. Special gratitude goes to Edward O'Donnell for offering our student participants a pre-conference workshop on effective presentation skills, and Matthew Gamber for organizing student contributions to the cover design.

Our sincere thanks are also extended to the academic administrative assistants, Tom Parsons and Sharon Matys (Graphic Arts), Chip O'Connor, Suzanne Sousa and Elizabeth Rice (Conference Services), Christina Guittar and Jennifer Parks (Hogan Dining Services), June Caron (Facilities), and John Buckingham and Paul Rayne (Audio-Visual - ITS) for their long hours, attention to detail, and technical support in putting together this event.

Deep gratitude is extended to Crystal Orton, Provost Office Coordinator, for her creativity, imagination, organizational skills, and tireless work in making this year's conference a success. Thanks also to Tabitha Fields ('21), who works in the Provost's Office and has taken on whatever task we have given to her with good humor and skill.

Finally, our thanks to the Holy Cross students and faculty mentors who have worked together in the classroom, laboratory, studio, and stage to prepare for these presentations and performances.

Congratulations to all!

Danuta	Bul	katko
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Loren Cass

Academic Conference Organizer Professor of Psychology Dean of Experiential Learning and Student Success

Table of Contents

Tuesday, April 23	Page
Fenwick Scholar Presentation	3
Arts Transcending Borders Performance	3
Wednesday, April 24	
Welcome and Continental Breakfast	4
Session I: 9:30 A.M. — 10:40 A.M.	4-6
Session II: 10:45 A.M. —11:55 A.M.	7-9
Session III: 12:00 A.M. —1:10 P.M.	10-11
Session IV: 1:15 P.M. — 2:25 P.M.	12-13
Session V: 2:30 P.M. — 3:40 P.M.	14-15
Session VI: 3:45 P.M. — 4:55 P.M.	16-17
Poster Displays with Presentations	17-18
Information Session	18
Artist Talks	10
Induction Ceremonies	19
Performances	9, 20, 24
Thursday, April 25	
Oral Presentations	21
Poster Display	22
Exhibit	22
Induction Ceremonies	23
Performance	24
Friday, April 26	
Poster Display	25
Induction Ceremony	25
Performances	25

TUESDAY, APRIL 23



In her yearlong project as the 2018-2019 Fenwick Scholar, Mia Yee employs anthropological and architectural analysis to examine the experiences of Asian (American)s in contemporary Asianidentified food spaces. Exploring the coconstruction of space and intersectional identities, as reflected in her use of the more inclusive term Asian (American), Mia arques that contemporary Asian food spaces serve as a platform for Asian (American)s to engage in self-work. At the same time, these

Mia Yee '19 | Asians Eat Food and Drink Bubble Tea: The Co-Construction of Contemporary Asian Food Spaces and Asian (American) Identity

Fenwick Scholar Presentation and Reception Rehm Library | 4 – 6 P.M.

spaces are specifically constructed to deliver "authentic," cosmopolitan, and yet commodified Asian food experiences to their patrons. Through ethnographic interviews and participant observation, Mia analyzes the ways in which experiences of young Asian (American)s within these foodscapes are classed, gendered, and racialized, and are also influenced by the dynamics of their generational status, their self-orientalization. and their histories of transnational migration. By examining the food

spaces themselves, Mia investigates how designers and proprietors create a forum for the negotiation of Asian (American) identity. The particular aesthetics and taste choices of these individuals (who often identify as Asian or Asian American themselves) craft a constructed experience of "Asia" that Asian (American) patrons interact with and consume. Mia's Fenwick project also focuses on the ways in which digital technology has extended the boundaries of space beyond the physical

environment into virtual domains. She considers the use of social media by Asian (American)s as an extension of their experience of and engagement with physical food spaces, arguing that this is a critical component in understanding how contemporary Asian food spaces allow Asian (American)s to engage in identity making.

Mia wishes to thank her advisors, Professor Ann Marie Leshkowich (Anthropology) and Professor David Karmon (Architectural Studies), and her readers, Professor Ke Ren (History) and Professor Amy Finstein (Visual Art History).

Movement at Holy Cross: Dance & Community Celebration

Performance and Reception

The Hoval (Rain Location: Hogan Ballroom) | 5:30 P.M.

Showcase & Celebration led by choreographer Ronald K. Brown, Arts Transcending Borders Spring '19 Artist-in-Residence, featuring the Modern Dance and Ballet 3-4 classes and community participants. FREE and open to the public. In collaboration with the Department of Theatre & Dance and the Academic Conference 2019.

MODERN DANCE | Instructor: Prof. Jimena Bermejo

John Swartzwelder '19 Andrew Cadigan '19 Jillian May '19 Arlyne Pena '21 Alexandra McGeachie '19 Natasha Pontoriero '19 Olivia Venezia '21 Richard DeNicola '19 Akeem Walcott '19 Victoria Messina '19 Lillian Puccia '19 Louis Hurtado '19 Grace O'Connor '21 Courtney Rasic '22 Nicholas Watson '22 Kylie Kardos '19

BALLET 3-4 | Instructor: Prof. Jaclyn Waguespack

Caroline Bono '19 Shannon Cherpak '19 Emali Khalyat '19 Casey Sherman '19 Jaclyn Brewster '19 Kaylee Gibbs '22 Vivian Ma '19 Barbara Singh '19 Kevin Bucceroni Jr. '19 Rachel Guay '21 Molly McGill '19 Moriah Taylor '20 Shannon Burns '19 Katherine Hogan '19 Miranda Nixon '19

About Ronald K. Brown, Arts Transcending Borders Spring '19 Artist-in-Residence

Ronald K. Brown, Founder and Artistic Director of EVIDENCE, is an award-winning and internationally renowned dance artist and choreographer. He has set work on Alvin Ailey American Dance Theatre, Ailey II, and Ballet Hispanico among others. Brown is the recipient of the Audience Development Committee, Inc. (AUDELCO) Award for his choreography in Regina Taylor's awardwinning play, Crowns, and the Fred & Adele Astaire Award for Outstanding Choreography in the Tony Award-winning The Gershwins' Porgy & Bess. Additional awards include a Doris Duke Artist Award, John Simon Guggenheim Memorial Fellowship, National Endowment for the Arts Choreographer Fellowship, New York Foundation for the Arts Fellowship, The Ailey School Apex Award, and the United States Artists Fellowship. His most recent work, New Conversations, was set to Afro-Cuban jazz music by Grammy Award-winning musician Arturo O'Farrill and premiered at Jacob's Pillow Dance Festival in 2018. Ronald K. Brown/EVIDENCE has deeply moved audiences for over 30 years, and is praised for a "sophisticated amalgam of Afrocentric movement and modern dance" that often makes "spirituality...something vibrant and transformative" (Los Angeles Times).

8:30 - 9:30 A.M.

Welcome and Continental Breakfast **HOGAN BALLROOM**

Session I 9:30 – 10:40 A.M. | Concurrent Oral Presentations

CHEMISTRY IA

MODERATOR: Prof. Brian Linton

O'NEIL 112

9:30 A.M. | Amanda C. Wibben '19

Under Pressure: Comparative Nuclease and Splicing Activity of Inteins from Extreme Thermophiles

9:45 A.M. | Claire E. MacMillan '19

Weathering Effects on Biodiesel FAME Components

10:00 A.M. | Christine M. Morrison '20

Synthesis of chromanones by C-H bond activation

10:15 A.M. | Emma J. Lynch '20

Investigating the Configuration of Phosphorylated Diols

CHEMISTRY IC

MODERATOR: Prof. Bianca Sculimbrene

SMITH LAB 154

9:30 A.M. | Andrew T. Palaia '20

Rhodium Approach to Differentially Substituted 1,2-dihydroisoquinolines

9:45 A.M. | Johnny A. Veras Jr. '20

The effects of oxygen on methyl-4-ethynyl benzoate attachment to nanoporous gold

10:00 A.M. | Alexandra R. Cawood '20

Salt dependence of a self splicing enzyme from an extreme halophile

10:15 A.M. | Owen Conroy '19

Structural Analysis of Halophilic and Thermophilic Inteins

CHEMISTRY IB

MODERATOR: Prof. Amber Hupp

SMITH LAB 155

9:30 A.M. | Matthew G. Cummings '20

Characterization of the Monolayer Structure of C60 on Au(111)

9:45 A.M. | Adam X. LaMothe '20

Preparing new transition metal ligands through multi-component reactions

10:00 A.M. | Christopher J. Woodilla '20

Structural Studies of Bacterial Contact-Dependent Growth Inhibition Proteins

10:15 A.M. | Zackary F. Wawrzyk '19

Water Soluble Organorhemium Compounds

CHEMISTRY ID

MODERATOR: Prof. André Isaacs

HABERLIN 219

9:30 A.M. | William F. Connors '19

Synthetic studies on centrolobine

9:45 A.M. | John Kim '19

Optimizing the Selective Phosphorylation of Diols

10:00 A.M. | Kimberly A. Kelly '19

Rhenium-Complexed Partial Macrocycles

10:15 A.M. | Larissa Masnyk '19

Mannich Condensations and Macrocycles

Session I 9:30 – 10:40 A.M. | Concurrent Oral Presentations

COLLEGE HONORS I HOGAN SUITE B/C

Films and Fictive Spaces

MODERATORS: Rose Grosskopf '20 and Grace Lucier '20

9:30 A.M. | Caroline Ambrose '19

10 Things I Hate About Gender Trouble in Generic Conventions of Teen Film

9:55 A.M. | Emily Zeno '19

Nut Milk: A Television Pilot

10:20 A.M. | Joanna Burdzel '19

Bruno Schulz: The Mythologizing of Urban Space

SOCIOLOGY & ANTHROPOLOGY HONORS I

MODERATOR: Prof. Selina Gallo-Cruz

HOGAN 304/05

9:30 A.M. | Maya Collins '19

Midwifery matters: An ethnography of perceptions, practice and choice

9:55 A.M. | Erin Walsh Dennehy '19

Altering Institutional DNA: In Pursuit of the **Eco-Campus**

10:20 A.M. | Martin Dorsey '19

"You in the Middle World": The Exploration of Identity in Black-centered film, 2009-2018

TEACHER EDUCATION PROGRAM I

MODERATOR: Mary Beth Cashman, Director HOGAN 320

9:30 A.M. | Bioribel Castillo '19

Between Two Worlds

9:55 A.M. | Kate Golden '19

Everyone From Everywhere Becoming One

10:20 A.M. | Maureen Hodgens '19

Nobody cares how much you know, until they know how much you care

AFRICANA STUDIES I

MODERATOR: Prof. Nadine Knight **HOGAN 519**

9:30 A.M. | Olivia Fenty '21

The Future of Black Women's Empowerment: The Chocolate Project

9:55 A.M. | Marcellis Perkins '19

Where is Joe Clark: The Absence of Black Male Teachers

LATIN AMERICAN, LATINX, AND CARIBBEAN STUDIES I

MODERATOR: Prof. Maria Rodrigues

HOGAN 402/03

9:30 A.M. | Benjamin DeLuca '19

Military and Human Rights

9:45 A.M. | Megan Apostolides '19

The Role of the Catholic Church Under Pinochet's Military Dictatorship

10:00 A.M. | Nicholas Triant '19

The Complex Role of the Catholic Church during Argentina's Dirty War

10:20 A.M. | Rossangelly Toro Carillo '19 and Sandy De Jesus-Cortes '19

Seeking Justice in Immigration Policies

Session I 9:30 – 10:40 A.M. | Concurrent Oral Presentations

HISTORY HONORS I HOGAN SUITE A

MODERATOR: Prof. Cynthia Hooper

9:30 A.M. | Oliver S. Pierce '19

Making Sense of the Moros: America, Empire, and Islam in the Philippinies

9:55 A.M. | Deirdre Shepard '19

One Nation's Schools, Under God: Examining Prayer and the Bible in American Public Schools

10:20 A.M. | Benjamin L. MacDougald '19 The Political Contrasts of the Marvel Age

ECONOMICS AND ACCOUNTING HONORS I

HOGAN 406/407

MODERATOR: Prof. Justin Svec

9:30 A.M. | Emma Carlone '19

The Effects of the Affordable Care Act Medicaid Expansion on the Opioid Epidemic

9:55 A.M. | Matthew Klier '19

Athletic Aid and Program Success

10:20 A.M. | Patrick Koval '19

State-Level Ġun Legislation and its Effects on Homicide and Suicide

PSYCHOLOGY

MODERATOR: Prof. Stephenie Chaudoir **HOGAN 408/409**

9:30 A.M. | Juliana Holcomb '19

A Critical Investigation of Identity Centrality, Salience, and Group Belonging among Emerging Adults Living with Concealable Stigmatized Identities

9:55 A.M. | Mithra Salmassi '19

LGBTQIA+ Mental Health on Campus: Are We Moving in the Right Direction?

Session II 10:45 – 11:55 A.M. | Concurrent Oral Presentations

CHEMISTRY IIA

MODERATOR: Prof. Brian Linton

O'NEIL 112

10:45 A.M. | Shannon G. Hull '20

An Introduction to Surface Science Techniques and Questions

11:00 A.M. | William Crowley '20

Aminophenol ligands and their Transition Metal Chemistry

11:15 A.M. | Alexander S. Kui '19

Rhenium Biological Schiff Base Complexes

11:30 A.M. | Liam J. Shields '20

Reversing the Aggregation of AVA

CHEMISTRY IIC

MODERATOR: Prof. Bianca Sculimbrene

SMITH LAB 154

10:45 A.M. | Sofia A. von Fedak '19

A Concentration Dependent Study of Aggregation in AVA

11:00 A.M. | Thomas P. Nixon '19

Efforts toward the synthesis of gramniphenol B

11:15 A.M. | Elizabeth J. Sisko '19

Continuing Investigations in Catalytic Phosphorylation

11:30 A.M. | Michael L. Daidone '19

Mannich Condensations and Click Chemistry

CHEMISTRY IIB

MODERATOR: Prof. Amber Hupp

SMITH LAB 155

10:45 A.M. | Helen V. Tsiagras '19

Investigation of Fuels Using Mass Spectrometry and **Unsupervised Chemometrics**

11:00 A.M. | Jessica L. Hendsey '19

Copper-catalyzed Approach to 1,2-dihydroisoquinolines

11:15 A.M. | Christopher J. Puntasecca '19

Synthesis of Indolizines

11:30 A.M. | Arren Sevigny '19

Alkyne attachment to flat and nanoporous gold

CHEMISTRY IID

MODERATOR: Prof. André Isaacs

HABERLIN 219

10:45 A.M. | James J. Gould IV '20

STM Studies of the Self-Assembly of DTC on Au(111)

11:00 A.M. | Matthew E. Lowe '20

Preliminary Investigation of Aromatic Amino Acids as Fluorescent Markers for Dissolved Organic Matter in River Systems

11:15 A.M. | Brian L. Carvalho '20

Copper-catalyzed Approach to 4-Alkylidene Beta-Lactams

11:30 A.M. | Connor J. Hennessey '19

Efforts Towards the Total Synthesis of Pegaharmine F

Session II 10:45 – 11:55 A.M. | Concurrent Oral Presentations

COLLEGE HONORS II HOGAN SUITE B/C

Groups and Nations

MODERATORS: Patrick Kerrigan '20 and Maire White '20

10:45 A.M. | Galen Comerford '19

(Dis)Confirmation? The Prophetic Matrix of the Branch Davidian Movement

11:10 A.M. | Billy Ford '19

Explaining the Roots of Impunity in Kenya

11:35 A.M. | Will Griffin '19

The Feasibility of a European Nuclear Deterrent

SOCIOLOGY AND ANTHROPOLOGY HONORS II

MODERATOR: Prof. Selina Gallo-Cruz **HOGAN 304/05**

10:45 A.M. | Elisaveta Mavrodieva '19

What is of Value to Women in Volgograd?

11:10 A.M. | Emily E. Sullivan '19

Re-Staging the Life Course: A Textual Analysis of Dysfunctional Family Memoirs

AFRICANA STUDIES II

MODERATOR: Prof. Nadine Knight **HOGAN 519**

10:45 A.M. | Nicolas Jones '19

Inequality in American Housing

11:10 A.M. | Karie Magloire '20

How the Other Side Lives: Hatian/Dominican Relations

11:35 A.M. | Isabelle Lambrecht '19

The Role of Legal Systems in Sexual Violence

ECONOMICS AND ACCOUNTING HONORS II

MODERATOR: Prof. Justin Svec

HOGAN 406/407

10:45 A.M. | Isabelle Kozik '19

Nurse Practitioners on the Rise

LATIN AMERICAN, LATINX, AND CARIBBEAN STUDIES II

MODERATOR: Prof. Juan Ramos

HOGAN 402/03

10:45 A.M. | Maria Claudia Schubert-Fontes '19 The Role of Memory in Solidifying the Trujillo Regime as a Hegemonic Power

11:10 A.M. | Madeline Carroll '19

Multilingualism: Understanding Language and Educational Resources in Worcester

11:35 A.M. | Sandy De Jesus-Cortes '19

Poverty in Argentina

TEACHER EDUCATION PROGRAM II

MODERATOR: Mary Beth Cashman, Director **HOGAN 320**

10:45 A.M. | Ally Kudenchak '19

STEM Starts in Middle School Minds

11:10 A.M. | Kat Middlebrook '19

The Students of L 1

11:35 A.M. | Jailene Munoz '19

Paso por Paso

Session II 10:45 – 11:55 A.M. | Concurrent Oral Presentations

HISTORY HONORS II

MODERATOR: Prof. Cynthia Hooper

HOGAN SUITE A

10:45 A.M. | Nora M. Grimes '19

Theatre as Resistance: The Women Playwrights of the

Provincetown Players

11:10 A.M | Mengyu Chen '19

Nostalgia for Wartime Chinese Education: The National Southwest Associated University and its Afterlives

11:35 A.M. | History Journal Editorial Staff

Of History and Life: The Making of an Undergraduate

History Journal

SPANISH I

MODERATOR: Prof. Cynthia Stone

HOGAN 408/409

10:45 A.M | Teresa Murphy '19

Venezuela: Music in Times of Crisis

11:10 | Ángel Sanders Carrillo Crúz '19

El expediente de José Tormo en momentos de querra

Performance



MONTSERRAT | Global Society Cluster

MODERATOR: Prof. Virginia Raguin

THE HOVAL

11:00 A.M. - 12:00 P.M.; On display until 4:25 P.M.

TRASH THE DRAGON!

Join us marching from Brooks-Mulledy to the Hoval between 11 and 12 for an "anti-celebration" of plastic waste with a parade of costumes, dragons, and marching band. The Global Society Cluster of Montserrat will be accompanied by I Nyoman Catra's Balinese band, Bleganiur, Students from the Nativity School's 7th-grade Science class will be part of the march. At the Hovel we will pile our wearable trash into recycling bins. A team of gymnasts spelling Reduce, Reuse, Recycle will engage us with an energetic floor routine. We will "occupy" the Hoval for the duration of Wednesday's Academic Conference providing a backdrop for posters and conversation. Our goal is to raise awareness of our contribution to environmental degradation and to encourage conservation efforts at Holy Cross. Faculty participating: Shirish Korde (Music), Virginia Raguin and James Welu (Visual Arts), Ellen Lokos (Spanish), Scott Malia (Theatre), Morris Collins (English), Ji Hao (Modern Languages) and Stephanie Yuhl (History). In cooperation with Claire Fox '21 (SGA, Director of Environmental Concerns) and Brian Griffin (Director of Environmental Services).

Artist Talks SENIOR STUDIO MAJORS

CANTOR ART GALLERY

12 P.M.

Katherine Badenhausen '19 Sarah Behrens '19 Margaret Goddard '19

Abigail Kostecki '19 Anna Lenney '19 Elisaveta Mavrodieva '19 Mae-Chu O'Connell '19 Sara Vo '19 Alexandra Yoeckel '19

Artist Talks

12:00 P.M. - 12:15 P.M.

SMITH 4TH FLOOR ATRIUM

The Arc of Justice on the Hill

Morgan Sanders '20, Manny Trejo '19 and Demetrius Wilson '18

Two artists and the student who inspired the idea discuss their triptych mural exploring representations of justice at Holy Cross in the past and present as well as the vision for the future.

Session III 12:00 P.M. – 1:10 P.M. | Concurrent Oral Presentations

CHEMISTRY IIIA

MODERATOR: Prof. Brian Linton
O'NEIL 112

12:00 P.M. | Michael A. Chaoui '19

Copper-catalyzed Approach to 4-Alkylidene Beta-Lactams

12:15 P.M. | Joshua M. Nicholson '19

Copper-catalyzed Approach to 1,2-dihydroisoquinolines

12:30 P.M. | Matthew J. Silas '19

The role that silyl protecting groups plays in the functionalization of terminal alkynes on flat and nonporous fold

12:45 P.M. | Alex Poluha '19

Beta Sheet Propensity Studied through Cystine Peptides

CHEMISTRY IIIC

MODERATOR: Prof. Bianca Sculimbrene **SMITH LAB 154**

12:00 P.M. | Dante A. Che '20

Probing Bacterial Cell Surface Interactions with Site-Specific Photocrosslinking

12:15 P.M. | Sara Touchan '19

Rhenium Facilitated Ligand Conversions

12:30 P.M. | Alicia M. Riddell '19

Analysis of Biodiesel-Diesel blends using GC-MS and Principal Component Analysis

12:45 P.M. | Griffin R. U. Gildersleeve '20

Efforts Towards the Total Synthesis of Pegaharmine F

CHEMISTRY IIIB

MODERATOR: Prof. Amber Hupp **SMITH LAB 155**

12:00 P.M. | Christien Patrick M. Exconde '19

Fitness Cost of two Inteins in Halobacterium salinarum

12:15 P.M. | Michael J. Calcaterra Jr. '20

A Concentration Dependent Study of Alpha Synuclein Peptides

12:30 P.M. | Thomas B. Bunnell '20

Synthetic studies on centrolobine

12:45 P.M. | Andrea R. Bucknam '20

Enantioselective Phosphorylation of Diols

CHEMISTRY IIID

MODERATOR: Prof. André Isaacs

HABERLIN 219

12:00 P.M. | Thomas J. Dzwonczyk '20

The Effects of Oxygen on the Attachment of Silane Protected Benzoic Acids to Nanoporous Gold

12:15 P.M. | Matteo N. Mannara '19

Selective amino acid synthesis

12:30 P.M. | Abigeal K. Lynch '19

Differential protein splicing of salt-dependent inteins from *Haloguadratum walsbyi*

12:45 A.M. | Matthew W. Fernandez '20

The Effect of a Small Peptide on VTAV Aggregation

Session III 12:00 P.M. – 1:10 P.M. | Concurrent Oral Presentations

TEACHER EDUCATION PROGRAM III

MODERATOR: Mary Beth Cashman, Director **HOGAN 320**

12:00 P.M. | Suzanne Noone '19 Student Teacher: An Oxymoron

12:25 P.M. | Hannah Trueman '19 An Everyday Hero

COLLEGE HONORS III HOGAN Suite B/C

Competing Claims

MODERATORS: Matthew Bateman '20 and Justin Makuc '20

12:00 P.M. | Caroline Kam '19

Masterpiece Cakeshop: The Challenges of Adjudicating Competing Rights Claims

12:25 P.M. | Renu Mukherjee '19

Theories of Free Speech Jurisprudence

12:50 P.M. | James Creahan '19

FOMC Inflation Communication: Can the Fed Speak Better Inflation Performance into Existence?

GENDER, SEXUALITY, AND WOMEN'S STUDIES I

MODERATOR: Prof. Ara Francis **HOGAN 401**

12:00 P.M. | Carson Harold '19

The Diary Project: An In-depth Look at the Diary Form within the Female Narrative

12:25 P.M. | Minh Dung Nguyen '19

Masculinity in Utopian and Distopian Novels

12:50 P.M. | Mithra Salmassi '19

Live From New York, It's a Tale of Two Attorneys General: Comedic Crossdressing on *Saturday Night Live*

ECONOMICS AND ACCOUNTING

HONORS III
MODERATOR: Prof. Justin Svec

HOGAN 406/407

12:00 P.M. | Sijia (Lily) Liu '19

The impact of the timing of data breach disclosures on companies' stock prices

12:25 P.M. | Michael Lyons '19

Referee Bias in March Madness

12:50 P.M. | Christina Nee '19

Sexism in the Stock Market: Analysis of Investors' Preferences Regarding CEO Gender Based on Earnings Reports

AFRICANA STUDIES III

MODERATOR: Prof. Nadine Knight **HOGAN 519**

12:00 P.M. | Samantha Jouthe '19

Recidivism, Reduction & Future Implementation

12:25 P.M.

Reception

LATIN AMERICAN, LATINX, AND CARIBBEAN STUDIES HOGAN 402/403

12:00 P.M.

Reception

ETHNOGRAPHIC FIELD METHODS

Moderator: Prof. Ann Marie Leshkowich

HOGAN 304/305

12:00 P.M. - 3:15 P.M.

Carley Boothe '20

Think Tank: How the Human-Fish Relationship Works and Why it Does not

Licelot Caraballo '21

Antihaitianismo: Citizenship and Political Violence in an Ambiguous Border

Kara Cuzzone '19

"She's Just So Relatable": Why Young Women Watch Lifestyle Vloggers

Megan Hawke '20

Buzzwords: How Social Media Terminology Changes Perceptions Online and On Campus about Food

Delaney Kennedy '20

Navigating Attractiveness: Female Presentation of Self in the Social World

Olivia Koulopoulos '20

Narration or Storytelling: Identifying the Truth of Self-Representation on Social Media

Ketsia Leroy '20

Dementia: A Familial Experience

Trishala Manandhar '21

Bra: What Are You

Jaylene Mata '20

For the Sake of our Health: How Citizenship, Language, and Culture Shape Our Approach to the Use of Folk Medicine and Biomedicine

Victoria Noel '20

"Good" Hair: A Black Girl's Journey to Self-Acceptance

Graham Offermann '19

The Convoluted and Vicious Cycle of Socially Supported Drinking and Drug Use: The Lengths and Effects of Acception

Maria Claudia Schubert-Fontes '19

Online Re-imaginings: The Rise of a Venezuelan Virtual Diasporic Community

Jacqueline Vittum '19

"Ephpheta!": Religiosity in Deaf Catholic Communities

Session IV 1:15 – 2:25 P.M. | Concurrent Oral Presentations

COLLEGE HONORS IV HOGAN SUITE B/C

Codes and Compositions

MODERATORS: Samantha McCann '20 and Matthew Pinder '20

1:15 P.M. | Rui Qiang '19

Bayesian Change Point Analysis

1:40 P.M. | Zach Sowerby '19

Encoding Ancient Greek Music

2:05 P.M. | Abigail Szkutak '19

Re-Thinking the Habituation Model of Exposure for Obsessive Compulsive Disorder

POLITICAL SCIENCE HONORS I

MODERATOR: Prof. Maria Rodrigues **HOGAN SUITE A**

1:15 P.M. | Michael Morigi '19

Eurasianism: Russia's New Ideology or a Pragmatic Policy Tool for the Kremlin?

1:40 P.M. | Jessica Russo '19

Understanding NGOs: what they do, what they should do, what should they not do

2:05 P.M. | Renu Mukherjee '19

Theories of Free Speech Jurisprudence

Session IV 1:15 – 2:25 P.M. | Concurrent Oral Presentations

ECONOMICS & ACCOUNTING HONORS IV

MODERATOR: Prof. Justin Svec **HOGAN 406/407**

1:15 P.M. | Sarah Vrountas '19

Inter-municipal Competition on Cape Cod

VISUAL ARTS

MODERATOR: Prof. Leslie Schomp

HABERLIN 219

1:15 P.M. | Michela Caffrey '19

Communicating Climate Science: How the Art Community Can Educate and Galvanize the Public to Climate Action

GENDER, SEXUALITY, AND WOMEN'S STUDIES II

MODERATOR: Prof. Ara Francis

HOGAN 401

1:15 P.M. | Olivia Terranova '19

Put Up and Shut Up: Condemning the United States Military's Sexual Harassment and Assault Epidemic

1:40 P.M. | Yankelly Villa '19

Domestic/Sexual Violence

2:05 P.M. | Sarah Carnwath '19

LGBT Climate Issues at Holy Cross

BIOCHEMISTRY I

MODERATOR: Prof. Robert Bellin

SMITH LAB 154

1:15 P.M. | Michael Chaoui '19

Copper-catalyzed Approach to 4-Alkylidene Beta-Lactams

1:35 P.M. | C. Patrick Exconde '19

Fitness Cost of two Inteins in Halobacterium salinarum

1:55 P.M. | Alexander Kui '19

Rhenium Biological Schiff Base Complexes

2:15 P.M. | Abigeal Lynch '19

Differential Protein Splicing of Salt-dependent Inteins from Haloquadratum walsbyi

COMMUNITY-BASED TEACHING, LEARNING, & SCHOLARSHIP I

MODERATOR: Isabelle Jenkins, Associate Director

O'NEILL 112

1:50 P.M. | Brian Senier '19

Speaking Your Heart (CBL Project in Jesuit Spirituality)

2:10 P.M. | Natasha Pontoriero '19

Prayer & Imagination (CBL Project in Jesuit Spirituality)

MANUSCRIPTS, INSCRIPTIONS AND **DOCUMENTS CLUB I**

MODERATOR: Prof. Neel Smith

HOGAN 408/409

1:15 P.M. | Jack Champagne '19, Jeffrey Dickinson '19, Steven Paganelli '19 and Michael Raheb '20

How Pliny deals with Numbers

1:40 P.M. | Mark Edwards '21, Augusta Holyfield '22, Hannah Nguyen '19, Isabella Smith '22 and Julia Spiegel '19 with Benjamin Desjarlais and Marika Fox (Clark University)

Analyzing text and musical notation in manuscripts with chant

2:05 P.M. | James Garry '20, Genevieve Galameau '21, Luke Giuntoli '21, Maia Lee-Chin '21,

Thomas Posillico '20 and Sophia Sarro '21

Reading commentary in four manuscripts of the Iliad

Session V 2:30 – 3:40 P.M. | Concurrent Oral Presentations

ART HISTORY I

MODERATOR: Prof. David Karmon

HOGAN 402/403

Art History & Architectural Studies: Senior Capstones

2:35 P.M. | Joanna Aramini '19

The Art of Suffering and Death

2:45 P.M. | Katie Badenhausen '19

Engaging with Alvar Aalto

2:55 P.M. | Caroline MacLachlan '19

Judith and the Protestant Reformation

3:05 P.M. | Caleb Plummer '19

Public versus Private at Grand Central Terminal

3:15 P.M. | Lauren Wilson '19

The Psychology of Jackson Pollock

BIOCHEMISTRY II

MODERATOR: Prof. Robert Bellin

SMITH LAB 154

2:35 P.M. | Joshua Nicholson '19

Copper-catalyzed Approach to 1,2-dihydroisoquinolines

2:55 P.M. | Elizabeth Sisko '19

Continuing Investigations in Catalytic Phosphorylation

COLLEGE HONORS V HOGAN SUITE B/C

Bodies and Minds

MODERATORS: Kerry Larkin '20 and Allen Zou '20

2:30 P.M. | Emily Rivard '19

Characterization of the Function and Molecular Evolution of a Novel, Testis-Expressed Gene in Drosophila

2:55 P.M. | Anne Hentschel '19

Aging in Dog Lung Mesenchymal Stromal Cells

3:20 P.M. | Emma Gurchiek '19

Processing Penalty Kicks: An Exploration of Soccer and the Unconscious

COMMUNITY-BASED TEACHING, LEARNING, & SCHOLARSHIP II

MODERATOR: Michelle Sterk Barrett, Director

O'NEILL 112

2:30 P.M. | Courtney Esteves '19, Katie Floyd '19, Caroline O'Connor '19 and Isabel Tehan '19

Accessibility on Campus: Promoting Increased Availability and Awareness of Disability Resources (CBL Project in *Seeking Justice*

2:50 P.M. | Samantha Fields '19

Fostering Effective Mentoring Relationships with Burmese Refugees in Worcester (Scholarship in Action Project on Refugee Resettlement in Worcester)

3:10 P.M. | Ben Marchand '19

Gentrification in Downtown Worcester (CBL Project in The Modern Home)

3:30 P.M. | Liam Lewis '21, Vidya Madineedi '20, Talia Spirito '21 and Elizabeth Driver '19

Panel Discussion of CBL Projects in: CREATE Lab, Italian Composition & Conversation and Leadership & Social Change

ENGLISH HONORS I

MODERATOR: Prof. Paige Reynolds

HOGAN 320

2:30 P.M. | Welcome and Introduction

2:40 P.M. | Austin Penta '19

The Tragedy, Comedy, and Tragicomedy of Aging through Literature and Film

2:50 P.M. | Patrick Wilks '19

From Blood and Guts to Pixie Dust: A Millennium of Elves and Fairies

3:10 P.M. | Kerri Mannion '19

Victorian "Fake News": How Wilkie Collins and Charles Dickens Achieve Narrative Credibility in the First Person

3:20 P.M. | MJ Diao '19

Jane Eyre in Another Tongue

Session V 2:30 – 3:40 P.M. | Concurrent Oral Presentations

INTERNATIONAL STUDIES AND PEACE AND CONFLICT STUDIES I

MODERATORS: Prof. Judith Chubb and Prof. Denis Kennedy **HOGAN 406/407**

2:30 P.M. | Katherine Lenahan '19

The Pervasive Problem of Corruption and Sustainable Development Efforts (International Studies)

2:55 P.M. | Patrick Lanctot '19

The Influence of American and British Nationalism on Modern Immigration Rhetoric (International Studies)

3:20 P.M. | Luke Lapean '19

Whatever You Say, Say Nothing: The Myth and the Reality of Informers Within the IRA During "The Troubles" (Peace and Conflict Studies)

STUDY ABROAD I

MODERATORS: Jimena Collingwood, Piper O'Sullivan, and Christopher Van Booven, Assistant Directors

HOGAN 519

2:30 P.M. | James Falconer '19

The Relationship between Australian Aboriginal Language and Kinship

2:55 P.M. | Shengyi (Michelle) Hu '19

Global Identity: Being An International Student in the US and the UK

3:20 P.M. | Francis Lubega '20

Navigating Through the so Not Racially Diverse Social Spaces in Australia and Building a Sense of Self

PHILOSOPHY HONORS I

MODERATOR: Prof. Lawrence Cahoone HOGAN 401

2:30 P.M. | Lucy Luu '19

Poetic Truth

2:55 P.M. | Gabriel Smith '19

Authenticity, Self and Society: Ontology and Ethics in Heidegger, Levinas and Sartre

3:20 P.M. | Timothy Philbin '19

Virtue Consequentialism: A New Response to the Integrity Problem

MANUSCRIPTS, INSCRIPTIONS AND **DOCUMENTS CLUB II**

MODERATOR: Prof. Neel Smith

HOGAN 408/409

Panel Discussion

2:30 P.M. | How to Sustain a Long-Term Project

Zachary Sowerby '19 Anne-Ćatherine Schaaf '22 Bill Brown '21 Toni Armstrong (Clark University)

PHYSICS I

Moderator: Prof. Tom Narita

SMITH LAB 155

2:30 P.M. | Wilber Alfaro Castro '20

Improved Imaging for Studying Interference Patterns in Cooled Rb Atoms

2:55 P.M. | Abby Corrigan '19

1D Potential Wells of the Form

3:20 P.M. | Nathan Gould '20

Zenith Angle Dependence of Cosmic-Ray Showers

ASIAN STUDIES

Moderator: Prof. Ann Marie Leshkowich

HOGAN 304/305

3:30 P.M. - 5:00 P.M.

Jerome Siangco '19

Peace Corps Travel Writing: Reshaping Perceptions Between the United States and China at the turn of the 21st Century

Máire White '20

Amman Worship, Religious Commodification, and Healing in Post-war Jaffna, Sri Lanka

Samantha Fields '19

Fostering Effective Mentoring Relationships with Burmese Refugees in Worcester MA

Elisaveta Mavrodieva '19

Paw Wah's Resistance: The Emplacement, Faith and Hardship of a Karen Refugee Family

Session VI 3:45 – 5:15 P.M. | Concurrent Oral Presentations

BEST OF ART HISTORY I

MODERATOR: Prof. Patricia Johnston and Prof. Virginia Raguin **HOGAN 402/403**

3:45 P.M. | Katherine Badenhausen '19, Karina Cardenas '19, Elizabeth Case '20, Elizabeth Flynn '19, Ludovico Gallo '20, Rose Kirsch '19, Abigail Kostecki '19, Candela Montenegro Bonilla '20, John Nilles '20, Emma Sosinski '20, Sara Vo '19, and Taylor Wahler '19

Tree Stories: Sustainable Design for the City

4:10 P.M. | Kaitlyn Meehan '20

"We're Too Lost and Done For Whether We're Dead or Alive:" An Analysis of War in Film

4:20 P.M. | Claire Goldsborough '22

This Must Be the Place: The Imperialism of Paul Gauguin's "Where Do We Come From? What Are We? Where Are We Going?"

4:30 P.M. | Julia Spiegel '19

Collections Internship at the Worcester Art Museum

4:35 P.M. | Miles Alexander '20, Sarah Baker '19, Murphy Grady '20, Meghan Hanlon '19, Lisa Hoang '20, Margaret LaFontaine '19, Gianna Maria Le '19, Caroline MacLachlan '19, Grace Neilson '19, and Lauren Wilson '19

Early American Objects at the Worcester Historical Museum

COLLEGE HONORS VI HOGAN SUITE B/C

Social Changes

MODERATORS: Alice Galvinhill '20 and Sibgha Javaid '20

3:45 P.M. | Deirdre Shepard '19

One Nation's Schools, Under God: Examining Prayer and the Bible in American Public Schools

4:10 P.M. | Allyson Noenickx

Mapping Desegregation: An Interactive Visualization of Boston Since Busing

5:00 P.M. | Liam Prendergast '19

WRATH: A New Play [The Pit, O'Kane Hall]

INTERNATIONAL STUDIES AND PEACE AND CONFLICT STUDIES II

MODERATORS: Prof. Judith Chubb and Prof. Denis Kennedy

HOGAN 406/407

3:45 P.M. | Jessica Russo '19

The Office of Legal Counsel: The President's Puppet or Puppeteer? (Peace and Conflict Studies)

4:10 P.M. | John Dube '19 and Michael Varda '19

The Worcester World Affairs Council and PCON Opportunities (Peace and Conflict Studies)

4:35 P.M.

Reception for Peace and Conflict Studies Concentrators and Majors

Session VI 3:45 – 4:55 P.M. | Concurrent Oral Presentations

STUDY ABROAD II

MODERATORS: Jimena Collingwood, Piper O'Sullivan, and Christopher Van Booven, Assistant Directors

HOGAN 519

3:45 P.M. | Zhiran (Karen) Xu '19

Dublin in the eyes of before, during and after studying abroad: the journey continues...

4:10 P.M. | Anny Thach '20

Artists and Activists Interaction and Participation in Politics in the Northeast of Sri Lanka Around Women and Politics

PHYSICS II

MODERATOR: Prof. Tom Narita

SMITH LAB 155

3:45 P.M. | Liam Campbell '19

Testing a Thermal Model for Optical Emission from an Air-Burst Nuclear Detonation through X-Ray Attenuation

Posters with Presentations

Posters on display from 9:30 A.M. - 4:25 P.M.

MODERN LANGUAGES AND LITERATURES

HOGAN BALLROOM

10:00 A.M. | Chloe Clougher '19

A New Silk Road: China-Middle East Relations After Belt and Road Initiative (China)

10:00 A.M. | Sarah Baker '19

The Impact of the Two-Child Policy on Different Social Groups in China (China)

10:00 A.M. | Stephen Silvestri '19

Post-Soviet Evolution and Survival of NATO: Relevance in the 21st Century (China)

10:00 A.M. | Michelle Sciarrino '19

Volunteering at the Italian Red Cross (Italy)

12:00 P.M. | François Venne '19

The European Union: An Internship at the Lieu d'Europe (France)

ENGLISH HONORS II

MODERATOR: Prof. Paige Reynolds

HOGAN 320

3:45 P.M. | Introduction

3:50 P.M. | Heather Domenicis '19

Short Skirts and Other Stories

4:00 P.M. | Audrey Holmes '19

People Like Us

4:10 P.M. | Mithra Salmassi '19

Live From New York, It's a Tale of Two Attorneys General: Comedic Crossdressing on *Saturday Night Live*

4:20 P.M. | Emily Kulp '19

Beyond the Margin Comment: Impact of Written and Oral Feedback in Holy Cross English Courses

12:00 P.M. | Gianna DiMaiolo '19

Teaching English in Bologna (Italy)

12:30 P.M. | Juliana Holcomb '19

Semester Away Experience – Gallaudet University (Gallaudet University, Washington DC)

12:30 P.M. | Shengyi Michelle Hu '19*

German Studies in the US/UK (Germany)

3:30 P.M. | William Griffin '19

Journey to the Center of Franconia: My Experience Living as a Bamberger (Germany)

3:30 P.M. | Joshua Whitcomb '19

Ask me about ... my Bamberg (Germany)

* Presenting with Study Abroad in Hogan 519

Posters with Presentations

Posters on display from 9:30 A.M. - 4:25 P.M.

PSYCHOLOGY

MODERATOR: Prof. Richard Schmidt

HOGAN BALLROOM

10:30 A.M. - 12:00 P.M. | Presentations

Meltem Eracar '19, Demitria Tsitsopoulos '20 and Chloe Burkett '21

Children's Unscientific Conceptions Before and After Instruction in Space Science

Natalie Auteri '19

Dissecting Generalized Fear in Pavlovian Conditioning

Madeline DeBono '19 and Gregory Landry '19

Investigation of the Temporal Dimension of Prepulse Inhibition of the Acoustic Startle Response

Matthew Cobler-Lichter '19

Shared Decision-Making in the Neuro-ICU

Taylor Ene '19

Relationship between Personality Dimensions and Obsessive Compulsive Symptoms

Binah Saint-Loth '19

Predictors of Leadership Participation Among College Students

A Guide to Indio Studies

MODERATOR: Prof. Ernest Hartwell

STEIN ATRIUM

1:00 P.M. - 2:00 P.M. | Presentations

José Melo Castillo '20 Darwin Contreras '21 Sandy De Jesús Cortés '19 Luke Lapean '19 Christopher Epting '21 Laura Escolero '19

Amanda Fernandes '21 Jhony Guiracocha '20 Morgan Maher '22 Alyssa Martinez '20

Raphaella Mascia '21 Maegan Moriarty '20 Sandra Orellana '21 Meghan Pfau '20 Victoria Pierce '20

Paige St. Lawrence '22 Olivia Streaman '21 Xochitl Tapia-Montano '21

Margaret Mirabella '19

Gain- and Loss-Framing for Health-Promoting Behavior

Anamika Dutta '20 and Olivia Ferrick '20

Social Influences on Body Image Dissatisfaction and Disordered Eating: A Preliminary Review

Gaby Castro '19, Pilar Segura Tobarra '19 and **Bradley Alcantar '19**

Implicit Learning in Pigeons and Humans

Pilar Segura Tobarra '19, Bradley Alcantar '19 and Gaby Castro '19

Spatial and Visual Implicit Learning in Pigeons

Sophia Capellini '19

The Associations Between Problem Behaviors and Consumption of Alcohol Mixed with Energy Drinks Among 12th Graders in the United States

Christine Church '20, Grace Hurley '20, Minh Nguyen '19 and Meghan O'Keefe '21

Health-Related and Contextual Predictors of Energy Drink and Alcohol Mixed with Energy Drink Use Among 12th Graders in the United States

Information Session

DIGITAL TRANSGENDER ARCHIVES

MODERATOR: Nikki Tantum, Digital Archives Project Strategist

HOGAN 1st FLOOR LOBBY

9:30 A.M. - 4:25 P.M.

Team Leaders: Isabel Tehan '19 and Mithra Salmassi '19

Induction Ceremonies

POLITICAL SCIENCE - PI SIGMA ALPHA

MODERATOR: Prof. Maria Rodrigues FACULTY SPONSOR: Prof. Denis Kennedy

HOGAN SUITE A

2:30 P.M.

Inductees

Caroline Ahearn '20 Meagan Albertson '20 Riley Benner '20 Ryan Brady '19 Landon Cass '20 Kevin Diaz '20

Carolyn Fenerty '20 Brianna Gage '20 Alexander Grey '19 Grace Halvey '20 William LaFiandra '20 Nicholas Leone '20

Danielle McAdam '20 Justin Makuc '20 Jacob Marcus '20 Sarah Mondo '20 Meaghan Moran '20 James Neville '20

Emma O'Connor '20 Anastasia Papanastou '20 Maria Pishkin '20 William Poplawski '20 James Ronan '20 Caroline Rossi '19

Presentation of Graduation Cords

Timothy Bouchard '19 Victoria S. Breese '19 Grace Brombach '19 Christopher Connolly '19 John W. Dube '19 Thomas E. Flynn V '19

Matthew Freije '19 Mark N. Hoffman '19 Caroline C. Kam '19 Sinead A. McKenna '19 Joseph A. Mongiardo '19 Renu Mukherjee '19

Erin O'Meara '19 Matthew Rueter '19 Jessica A. Russo '19 Samuel Ryder '19 Brian P. Senier '19 Michael C. Tafaro '19 Nicholas R. Triant '19 Michael Varda '19 William B. Voqt '19 Emily B. Zeno '19

ENGLISH - SIGMA TAU DELTA

MODERATOR: Prof. Lee Oser

HOGAN 320

5 P.M.

Caroline Ahearn '20 Sarah Anderson '20 Elena Arciprete '20 Kevin Brewer '20 Henry Byrne '21 Giovanna Carlino '20 Elizabeth Casavant '21 Paige Cohen '21 Elizabeth Daskalakis '21 Aine Doyle '20 Madeline Fitzgerald '20 Claire Fitzpatrick '21

Lauren Inman '20 Amber John '21 John Lenane '20 Katherine Lovell '20 Samantha McCann '20 Christine McLaughlin '21 Michael Raheb '20 John Rosenwinkel '21 Talia Spirito '21 Patience Thompson '20 Emma Waligory '20

THEATRE HONORS THESIS PERFORMANCE

MODERATOR: Prof. Ed Isser
The Pit (O'Kane 37)

5:00 P.M. | Liam Prendergast '19

WRATH: A New Play

WRATH is a new play translated and adapted from the Homeric epic the *Iliad*. WRATH tells the story of the greatest heroes of the Trojan war and their loved ones: the Greek Achilles and Patroclus, and the Trojan Hector and Andromache. What does it mean to be good in the face of war? How can we balance our obligations to ourselves and others? Please stay after the performance for a talkback- an opportunity to ask questions of the production team and cast.

HOLY CROSS ORCHESTRA

FACULTY COORDINATOR: Prof. Adam Golka

ST. JOSEPH CHAPEL

7:30 P.M.

VIOLIN 1 Elizabeth Mazzocco '21 concertmaster

Graydon Hewitt '21 Victoria lassogna '22 Sarah Vrountas '19 Ana Guggenheim '21 Joe Nyhan '22

VIOLIN 2

Chase Ackerson '22, principal

Jessica Orefice '22 Kate McNicholas '22 Carolyn Eckrich '21 Denis Gomez '22

VIOLA

Alex Kui '19, principal Matthew Pinder '20 Prof. John Little Brianna Maynard '19 CELLO

Brett Cotter '19, principal Lauren Simeon '19 Anna Moffitt '21

FLUTE

Katherine Elacqua '19, first

OBOE

Emily Sullivan '19, first

CLARINET

Elizabeth Griffin '21, first Emily Vogelsperger '19, second

BASS CLARINET
Daniel Yuhai Ni '21

FRENCH HORN

David Schneider '22, first Lily Russo '22, second

TRUMPET

Kerry Larkin '20, first

Kyle Lefler '21, assistant first/

second

John "Jack" Slania '21, assistant

first/second

TROMBONE
David Bodack '19
Dennis Liu '22

TUBA

William Brown '21

TIMPANI

Matthew Bouvier '21

9:00 A.M. - 5:30 P.M. | Oral Presentations

COLLEGE HONORS HOGAN 401

Staging Lives

MODERATORS: Katie Lovell '20 and Liam O'Toole '20

9:00 A.M. | Nora Grimes '19

Theatre as Resistance: The Women Playwrights of the Provincetown Players

9:25 A.M. | Austin Penta '19

The Tragedy, Comedy, and Tragicomedy of Aging Through Literature and Film

9:50 A.M. | Mithra Salmassi '19

Live From New York, It's a Tale of Two Attorneys General: Comedic Crossdressing on Saturday Night Live

Properties and Reactions

MODERATORS: Thomas Bunnell '20 and Julia Hall '20

10:15 A.M. | Kimberly Kelly '19

The Synthesis of Re(CO) 3 – Templated Phthalocyanine Derivatives

10:40 A.M. | John Kim '19

Optimizing the Selective Phosphorylation of Diols

11:05 A.M. | Amanda C. Wibben '19

Under Pressure: Comparative Nuclease and Splicing Activity of Inteins from Extreme Thermophiles

11:30 A.M. | Claire MacMillan '19

Weathering Effects on Biodiesel FAME Components

Changing Societies

MODERATORS: Anamika Dutta '20 and Christopher Woodilla '20

11:55 A.M. | Patrick Koval '19

Homecoming in the Age of Loneliness: A Theory of Isolation, Neoliberalism, and Suicide Exploring Euclidean and Non-Euclidean Geometer

12:20 P.M. | Elisaveta Mavrodieva '19

What is the Value to Women in Volgograd?

Telling Other StoriesMODERATORS: Emily Arancio '20 and Noah Mailloux '20

12:45 P.M. | MJ Diao '19

Jane Eyre in Another Tongue

1:10 P.M. | Kerri Mannion '19

Victorian "Fake News": How Wilkie Collins and Charles Dickens Achieve Narrative Credibility in the First Person

1:35 P.M. | Audrey Holmes '19

People Like Us

4:00 P.M. - 5:30 P.M.

HOST: Prof. Susan Elizabeth Sweeney, Director of College Honors

College Honors Program Reception for Thesis Writers and Their Guests

Posters on Display

MODERN LANGUAGES AND LITERATURES

Posters on display from 9:00 A.M. – 4:25 P.M

STEIN ATRIUM

François Venne '19 | French

The European Union: An Internship at the Lieu d'Europe

Shengyi Michelle Hu '19 | German

German Studies in the US/UK

William Griffin '19 | German

Journey to the Center of Franconia: My Experience Living as a Bamberger

Chloe Clougher '19 | Chinese

A New Silk Road: China-Middle East Relations After Belt and Road Initiative

Michelle Sciarrino '19 | Italian

Volunteering at the Italian Red Cross

Sarah Baker '19 | Chinese

The Impact of the Two-Child Policy on Different Social Groups in China

Stephen Silvestri '19 | Chinese

Post-Soviet Evolution and Survival of NATO: Relevance in the 21st Century

Juliana Holcomb '19 | American Sign Language

Semester Away Experience – Gallaudet University

Gianna DiMaiolo '19 | Italian

Teaching English in Bologna

Joshua Whitcomb '19 | German

Ask me about ... my Bamberg

Exhibit Opening

SENIOR STUDIO MAJORS EXHIBITION

Exhibition up through May

CANTOR ART GALLERY

5:30 P.M

Katherine Badenhausen '19 Sarah Behrens '19 Margaret Goddard '19 Abigail Kostecki '19 Anna Lenney '19 Elisaveta Mavrodieva '19 Mae-Chu O'Connell '19 Sara Vo '19 Alexandra Yoeckel '19

Induction Ceremonies

SPANISH - SIGMA DELTA PI

MODERATOR: Prof. Estrella Cibreiro

HOGAN SUITE B/C 4 P.M.

Madeline A. Carroll '19 Maria T. L. Danusantoso '19 Samantha L. Devane '19 Katherine A. Hayes '19 Zachary T. Jacobellis '19 Megan G. Lavoie '19 Serena J. Mainiero '19 Elizabeth L. Murphy '19 Teresa M. Murphy '19 Kristen P. Somerville '19 Sarah P. Thurlow '19 Isabel T. Tehan '19 Nicholas R. Triant '19

Officers:

President: Maria T. L. Danusantoso Vice President: Kristen P. Somerville

Secretary of Communication: Elizabeth L. Murphy

RELIGIOUS STUDIES - THETA ALPHA KAPPA

MODERATORS: Prof. Alan Avery-Peck and Prof. Mahri Leonard-Fleckman

HOGAN 402/03

4 P.M.

Amanda Wibben '19 Joshua Glenn '20 Anna Lenney '19 Mickenzie Kamm '19 Robert Welsh IV '20

CELEBRATION OF CREATIVE WRITING CONCENTRATORS AND MINORS

Moderators: Prof. Oliver de la Paz, Prof. Susan Elizabeth Sweeney, Prof. Stephanie Reents, Prof. Leah Cohen, and Prof. Morris Collins **HOGAN 320**

5 P.M.

Concentrators

Aubrey Ashmun '19 Emma Berry '19 Travis DeGoey '19 Heather Domenicis '19 Kathryn Flanagan '19 Emily Kulp '19 Elizabeth Lavoie '19 Olivia Sahovey '19 Ashley Tortorelli '19 Anastasia Vasko '19 Patrick Wilks '19

Minors

Hannah Brennan '19 Julia Insani '19 Gavin Loughnane '19 Madeline Lyons '19 Madeleine Thero '19 Luke Walsh '19



Performance

Uni2ACT - Cierren los ojos / Close Your Eyes

Performance followed by a Q & A to discuss and process the complex and timely issues addressed in the play.

Q & A MODERATORS: Prof. Ellen Lokos, Prof. Helen Freear-Papio, Dean Amit Taneja, Dean for Diversity, Equity & Inclusion/Chief Diversity Officer, Troy Thompson, Creator, Executive Director of The No Evil Project and with the participation of the Uni2ACTORS

Seelos Theater | 7:00 P.M.

Cierren los ojos, or Close Your Eyes is an original work written by the student-actors of Uni2ACT, the College of the Holy Cross's bilingual theater troupe. Inspired by both the No Evil project and current events on campus and in the world, this play intertwines the stories of young people who are trying to make their way in a world that keeps changing the rules. Looking at the complicated issues that relate to the #me too movement (sexual assault and harassment), racism and LGBTQIA + awareness specifically, Cierren los ojos challenges its audience to demand a world based on empathy and respect.

Katherine Santoro, '19 Student Executive Director Ángel Carrillo, '19, Student Director of Graphics Aitor Buoso Gavin, Foreign Language Assistant Sadie O'Connor, '22 Alexis DeLucia, '20 Gillary García, '20 Grace Burke, '21 Isabella Lanna, '22 Jake Mozeleski, '22

Jaqueline Álvarez, '20 Leif Johnson, '21 Jessica Lucero, '20 Maressa Park, '22 Rebecca McSweeney, '21 Teresa Murphy, '19 Lexi Hummel-Paez '19 William Antony '22

FRIDAY, APRIL 26

Posters on Display

MODERN LANGUAGES AND LITERATURES

Posters on display from 9:00 A.M. - 4:25 P.M.

STEIN ATRIUM

François Venne '19 | French

The European Union: An Internship at the Lieu d'Europe

Shengyi Michelle Hu '19 | German

German Studies in the US/UK

William Griffin '19 | German

Journey to the Center of Franconia: My Experience Living as a Bamberger

Chloe Clougher '19 | Chinese

A New Silk Road: China-Middle East Relations After Belt and Road Initiative

Michelle Sciarrino '19 | Italian

Volunteering at the Italian Red Cross

Sarah Baker '19 | Chinese

The Impact of the Two-Child Policy on Different Social Groups in China

Stephen Silvestri '19 | Chinese

Post-Soviet Evolution and Survival of NATO: Relevance in the 21st Century

Juliana Holcomb '19 | American Sign Language

Semester Away Experience – Gallaudet University

Gianna DiMaiolo '19 | Italian

Teaching English in Bologna

Joshua Whitcomb '19 | German

Ask me about ... my Bamberg

Induction Ceremony

FRENCH AWARD CEREMONY AND PI DELTA PHI

STEIN 526

3:30 P.M.

Hannah Baker '21 Andrew Gerety '20 Emma Flanagan '21 Jordana Irzyk '21

Patricia Nwobodo '19 Nicholas Taliento '21 Chantal Umuhoza '20 Catherine Winn '21

Performances

HOLY CROSS CHAMBER MUSIC RECITAL

MARY CHAPEL

4:00 P.M.

Students of the Chamber Music Program

H-CLEF CONCERT

FACULTY COORDINATOR: Prof. Chris Arrell

BROOKS CONCERT HALL

7:30 P.M.

Jared Cosby '19 Brett Cotter '19 Itaru Fujiwara '20 Adam Hall '21 Brendan Kelly '19 Sijia Liu '19 Liam Neville '19 Emily Vogelsperger '19 Elena (Xinyi) Wang '20 Mucong Zhang '21

Event Index

Biochemistry Chemistry	ending Borders y anuscripts, Inscriptions, and Club	Oral Presentations Performance Oral Presentations Oral Presentations Oral Presentations and	Wednesday 9:30 A.M. – 11:55 A.M. Tuesday 5:30 P.M. Wednesday 1:15 P.M. – 3:40 P.M. Wednesday 9:30 A.M. – 1:10 P.M.	5, 9, 11 3 13, 14
Biochemistry Chemistry Classics – Ma	y anuscripts, Inscriptions, and Club	Oral Presentations Oral Presentations Oral Presentations and	Wednesday 1:15 P.M. – 3:40 P.M.	
Chemistry Classics – Ma	anuscripts, Inscriptions, and Club	Oral Presentations Oral Presentations and	,	13, 14
Classics – Ma	Club	Oral Presentations and	Wednesday 9:30 A.M. – 1:10 P.M.	
	Club			4, 7, 10
Documents	nors	Panel Discussion	Wednesday 1:15 P.M. – 3:40 P.M.	13, 15
College Hon	1013	Fenwick Scholar Presentation Oral Presentations	Tuesday 4:00 P.M. – 6:00 P.M. Wednesday 9:30 A.M. – 4:55 P.M. and Thursday 9:00 A.M. – 2:00 P.M.	5, 8, 11, 12, 14, 16, 21
Community-	-Based Learning	Oral Presentations	Wednesday 1:50 P.M. – 3:40 P.M.	13, 14
Economics a	and Accounting	Oral Presentations	Wednesday 9:30 A.M. – 11:10 A.M. and 12:00 P.M. – 1:40 P.M.	6, 8, 11, 13
Education –	Teacher Education Program	Oral Presentations	Wednesday 9:30 A.M. – 11:55 A.M.	5, 9, 11
S S	Honors Digital Transgender Archive Sigma Tau Delta Senior Creative Writing Concentrators and Minors	Oral Presentations Information Session Induction Ceremony Celebration	Wednesday 2:30 P.M. – 4:55 P.M. Wednesday 9:30 A.M. – 4:25 P.M. Wednesday 5:00 P.M. Thursday 5:00 P.M. – 7:00 P.M.	14, 1 7 18 19 23
Gender, Sex	cuality and Women's Studies	Oral Presentations	Wednesday 12:00 P.M. – 2:25 P.M.	11, 13
History Hon	ors	Oral Presentations	Wednesday 9:30 A.M. – 11:55 A.M.	6, 9
	can, Latinx, and Caribbean Studies ndios in Latin America	Oral Presentations Posters with Presentations	Wednesday 9:30 A.M. – 11:55 A.M. Wednesday 1:00 P.M. – 2:00 P.M.	5, 8, 11 18
	nguages and Literatures French Awards and Pi Delta Phi	Poster Presentations Poster Displays Induction Ceremony	Wednesday 9:30 A.M. – 4:25 P.M. Thursday and Friday 9:00 A.M. – 4:25 P.M. Friday 3:30 P.M. – 5:00 P.M.	17 22, 25 25
Montserrat		Interactive Performance	Wednesday 9:30 A.M. – 4:25 P.M.	20
	Holy Cross Orchestra Chamber Music Recital H-CLEF Concert	Performance Performance Performance	Wednesday 7:30 P.M. Friday 4:00 P.M. Friday 7:30 P.M.	20 25 25
Peace and C Internationa	Conflict Studies & al Studies	Oral Presentations	Wednesday 2:30 P.M. – 4:55 P.M.	15, 16
Philosophy I	Honors	Oral Presentations	Wednesday 2:30 P.M. – 3:40 P.M.	15
Physics		Oral Presentations	Wednesday 2:30 P.M. – 4:05 P.M.	15, 17
	ence - Honors Pi Sigma Alpha	Oral Presentation Induction Ceremony	Wednesday 1:15 P.M. – 2:25 P.M. Wednesday 2:30 P.M.	12 19
Psychology		Poster Presentations Oral Presentations	Wednesday 9:30 A.M. – 4:25 P.M. Wednesday 9:30 A.M. – 10:40 A.M.	18 6
Religious St	udies – Theta Alpha Kappa	Induction Ceremony	Thursday 4:00 P.M. – 6:30 P.M.	23
E	nd Anthropology - Honors Ethnographic Field Methods Asian Studies	Oral Presentations Oral Presentations	Wednesday 9:30 A.M. – 11:55 A.M. Wednesday 12:00 P.M. – 3:15 P.M. Wednesday 3:30 P.M. – 5:00 P.M.	5, 8 12 16
Spanish	Sigma Delta Pi	Oral Presentations Induction Ceremony	Wednesday 10:45 A.M. – 11:55 A.M. Thursday 4:00 P.M. – 6:00 P.M.	9 23
Study Abroa	ad	Oral Presentations	Wednesday 2:30 P.M. – 4:55 P.M.	15, 17
Theatre and	Dance Honors	Performance	Wednesday 5:00 P.M.	16, 20
Uni2ACT		Performance	Thursday 7:00 P.M.	24
Δ	Genior Studio Majors Art History Best of Art History	Oral Presentation Artist Talks Exhibition Opening Oral Presentations Oral Presentations	Wednesday 1:15 P.M. – 2:25 P.M. Wednesday 12:00 P.M. – 2:00 P.M. Thursday 5:30 – 7:00 P.M. Wednesday 2:30 – 3:40 P.M. Wednesday 3:45 P.M. – 4:55 P.M.	13 19 22 14

Student Participant Index

Last Name	First Name	Year	Page	Last Name	First Name	Year	Page
Ackerson	Chase	2022	20	Burke	Grace	2021	24
Ahearn	Caroline	2020	19	Burkett	Chloe	2021	18
Albertson	Meagan	2020	19	Burns	Shannon	2019	3
Alcantar	Bradley	2019	18	Byrne	Henry	2021	19
Alexander	Miles	2020	16	Cadigan	Andrew	2019	3
Alfaro Castro	Wilber	2020	15	Caffrey	Michela	2019	13
Alvarez	Jaqueline	2020	24	Calcaterra	Michael	2020	10
Ambrose	Caroline	2019	5	Campbell	Liam	2019	17
Anderson	Sarah	2020	19	Capellini	Sophia	2019	18
Antony	William	2022	24	Caraballo	Licelot	2021	12
Apostolides	Megan	2020	5	Cardenas	Karina	2019	16
Aramini	Joanna	2019	14	Carlino	Giovanna	2020	19
Arciprete	Elena	2020	19	Carlone	Emma	2019	6
Ashmun	Aubrey	2019	23	Carnwath	Sarah	2019	13
Auteri	Natalie	2019	18	Carrillo	Angel	2019	9,24
Badenhausen	Katherine	2019	14,16,19,22	Carroll	Madeline	2019	8,23
Baker	Hannah	2021	25	Carvalho	Brian	2020	7
Baker	Sarah	2019	16,17	Casavant	Elizabeth	2021	19
Behrens	Sarah	2019	19,22	Case	Elizabeth	2020	16
Benner	Riley	2020	19	Cass	Landon	2020	19
Berry	Emma	2019	23	Castillo	Bioribel	2019	5
Bodack	David	2019	20	Castro	Gabriela (Gaby)	2019	18
Bono	Caroline	2019	3	Cawood	Alexandra	2020	4
Boothe	Carley	2020	12	Champagne	Jack	2019	13
Bouchard	Timothy	2019	19	Chaoui	Michael	2019	10,13
Bouvier	Matthew	2021	20	Che	Dante	2020	10
Brady	Ryan	2019	19	Chen	Mengyu	2020	9
Breese	Victoria	2019	19	Cherpak	Shannon	2019	3
Brennan	Hannah	2019	23	Church	Christine	2020	18
Brewer	Kevin	2020	19	Clougher	Chloe	2019	17
Brewster	Jaclyn	2019	3	Cobler-Lichter	Matthew	2019	18
Brombach	Grace	2019	19	Cohen	Paige	2021	19
Brown	William (Billy)	2021	15,20	Collins	Maya	2019	5
Bucceroni Jr.	Kevin	2019	3	Comerford	Galen	2019	8
Bucknam	Andrea	2020	10	Connolly	Christopher	2019	19
Bunnell	Thomas	2020	10	Connors	William	2019	4
Burdzel	Joanna	2019	5	Conroy	Owen	2019	4

Last Name	First Name	Year	Page	Last Name	First Name	Year	Page
Contreras	Darwin	2021	18	Exconde	C. Patrick	2019	10,13
Corrigan	Abby	2019	15	Falconer	James	2019	15
Cosby	Jared	2019	25	Fenerty	Carolyn	2020	19
Cotter	Brett	2019	20,25	Fenty	Olivia	2021	5
Creahan	James	2019	11	Fernandes	Amanda	2021	18
Crowley	William	2020	7	Fernandez	Matthew	2020	10
Cummings	Matthew	2020	4	Ferrick	Olivia	2020	18
Cuzzone	Kara	2019	12	Fields	Samantha	2019	14,16
Daidone	Michael	2019	7	Fitzgerald	Madeline	2020	19
Danusantoso	Maria	2019	23	Fitzpatrick	Claire	2021	19
Daskalakis	Elizabeth	2021	19	Flanagan	Emma	2021	25
De Jesūs-Cortēs	Sandy	2019	5,8,18	Flanagan	Kathryn	2019	23
DeBono	Madeline	2019	18	Floyd	Catherine (Katie)	2019	14
DeGoey	Travis	2019	23	Flynn	Elizabeth	2019	16
DeLuca	Benjamin	2019	5	Flynn V	Thomas	2019	19
DeLucia	Alexis	2020	24	Ford	William (Billy)	2019	8
DeNicola	Richard	2019	3	Freije	Matthew	2019	19
Dennehy	Erin	2019	5	Fujiwara	Itaru	2020	25
Devane	Samantha	2019	23	Gage	Brianna	2020	19
Diao	MJ (Mingjie)	2019	14,21	Galarneau	Genevieve	2021	13
Diaz	Kevin	2020	19	Gallo	Ludovico	2020	16
Dickinson	Jeffrey	2019	13	Garcia	Gillary	2020	24
DiMaiolo	Gianna	2019	17	Garry	James	2020	13
Domenicis	Heather	2019	17,23	Gerety	Andrew	2020	25
Dorsey	Martin	2019	5	Gibbs	Kaylee	2022	3
Doyle	Aine	2020	19	Gildersleeve	Griffin	2020	10
Driver	Elizabeth	2019	14	Giuntoli	Luke	2021	13
Dube	John	2019	16,19	Glenn	Joshua	2020	23
Dutta	Anamika	2020	18	Goddard	Margaret	2019	19,22
Dzwonczyk	Thomas	2020	10	Golden	Kate (Katherine)	2019	5
Eckrich	Carolyn	2021	20	Goldsborough	Claire	2022	16
Edwards	Mark	2021	13	Gomez	Denis	2022	20
Elacqua	Katherine	2019	20	Gould	Nathan	2020	15
Ene	Taylor	2019	18	Gould IV	James	2020	7
Epting	Christopher	2021	18	Grady	Murphy	2020	16
Eracar	Meltem	2019	18	Grey	Alexander	2019	19
Escolero	Laura	2019	18	Griffin	Elizabeth	2021	20
Esteves	Courtney	2019	14	Griffin	William (Will)	2019	8,17
			1				

Last Name	First Name	Year	Page	Last Name	First Name	Year	Page
Grimes	Nora	2019	9,21	Kardos	Kylie	2019	3
Guay	Rachel	2021	3	Kelly	Brendan	2019	25
Guggenheim	Ana	2021	20	Kelly	Kimberly	2019	4,21
Guiracocha	Jhony	2020	18	Kennedy	Delaney	2020	12
Gurchiek	Emma	2019	14	Kennedy	Dierdre	2020	19
Hall	Adam	2021	25	Khalyat	Emali	2019	3
Halvey	Grace	2020	19	Kim	John	2019	4,21
Hanlon	Meghan	2019	16	Kirsch	Rose	2019	16
Harold	Carson	2019	11	Klier	Matthew	2019	6
Hawke	Megan	2020	12	Kostecki	Abigail	2019	16,19,22
Hayes	Katherine	2019	23	Koulopoulos	Olivia	2020	12
Hendsey	Jessica	2019	7	Koval	Patrick	2019	6,21
Hennessey	Connor	2019	7	Kozik	Isabelle	2019	8
Hentschel	Anne	2019	14	Kudenchak	Allyson	2019	16
Hewitt	Graydon	2021	20	Kui	Alexander	2019	7,13
Hoang	Lisa	2020	16	Kulp	Emily	2019	14,23
Hodgens	Maureen	2019	5	LaFiandra	William	2020	19
Hoffman	Mark	2019	19	LaFontaine	Margaret	2019	16
Hogan	Katherine	2019	3	Lambrecht	Isabelle	2019	9
Holcomb	Juliana	2019	6,17	LaMothe	Adam	2020	4
Holmes	Audrey	2019	17,21	Lanctot	Patrick	2019	15
Holyfield	Augusta	2022	13	Landry	Gregory	2019	18
Hu	Shengyi (Michelle)	2019	15,17	Lanna	Isabella	2022	24
Hull	Shannon	2020	7	Lapean	Luke	2019	15,18
Hummel-Paez	Lexi	2019	24	Larkin	Kerry	2020	20
Hurley	Grace	2020	18	Lavoie	Elizabeth	2019	23
Hurtado	Louis	2019	3	Lavoie	Megan	2019	23
lassogna	Victoria	2022	20	Lee-Chin	Maria	2021	13
Inman	Lauren	2020	19	Lefler	Kyle	2021	20
Insani	Julia	2019	23	Lenahan	Katherine	2019	15
Irzyk	Jordana	2021	25	Lenane	John	2020	19
Jacobellis	Zachary	2019	23	Lenney	Anna	2019	19,22,23
John	Amber	2021	19	Leone	Nicholas	2020	19
Johnson	Leif	2021	24	Leroy	Ketsia	2020	12
Jones	Nicolas	2019	9	Lewis	Liam	2021	14
Jouthe	Samantha	2019	11	Liu	Dennis	2022	20
Kam	Caroline	2019	11,19	Liu	Sijia (Lily)	2019	11,25
Kamm	Mickenzie	2019	23	Loughnane	Gavin	2019	23

Last Name	First Name	Year	Page	Last Name	First Name	Year	Page
Lovell	Katherine	2020	19	McNicholas	Kate	2022	20
Lowe	Matthew	2020	7	McSweeney	Rebecca	2021	24
Lubega	Francis	2020	15	Meehan	Kaitlyn	2020	16
Lucero	Jessica	2020	24	Melo Castillo	Jose	2019	18
Luu	Lucy	2019	15	Messina	Victoria	2019	3
Lynch	Abigeal	2019	10,13	Middlebrook	Kat	2019	9
Lynch	Emma	2020	4	Mirabella	Margaret	2019	18
Lyons	Madeline	2019	23	Moffitt	Anna	2021	20
Lyons	Michael	2019	11	Mondo	Sarah	2020	19
Ма	Vivian	2019	3	Mongiardo	Joseph	2019	19
MacDougald	Benjamin	2019	5,6	Montenegro			
MacLachlan	Caroline	2019	14,16	Bonilla	Candela	2020	16
MacMillan	Claire	2019	4,21	Moran	Meaghan	2020	19
Madineedi	Vidya	2020	14	Moriarty	Maegan	2020	18
Magloire	Karie	2020	9	Morigi	Michael	2019	12
Maher	Morgan	2022	18	Morrison	Christine	2020	4
Mainiero	Serena	2019	23	Mozeleski	Jake	2022	24
Makuc	Justin	2020	19	Mukherjee	Renu	2019	11,12,19
Manandhar	Trishala	2021	12	Munoz	Jailene	2019	9
Mannara	Matteo	2019	10	Murphy	Elizabeth	2019	23
Mannion	Kerrin	2019	14	Murphy	Teresa	2019	23,24
Marchand	Benjamin	2019	14	Nee	Christina	2019	11
Marcus	Jacob	2020	19	Neilson	Grace	2019	16
Maria Le	Gianna	2019	16	Neville	James	2020	19
Martínez	Alyssa	2020	18	Neville	Liam	2019	25
Mascia	Raphaella	2021	18	Nguyen	Hannah	2019	13
Masnyk	Larissa	2019	4	Nguyen	Minh	2019	11,18
Mata	Jaylene	2020	12	Ni	Yuhai (Daniel)	2021	20
Mavrodieva	Elisaveta	2019 8	3,16,19,21,22	Nicholson	Joshua	2019	10,14
May	Jillian	2019	3	Nilles	John	2020	16
Maynard	Brianna	2019	20	Nixon	Miranda	2019	3
Mazzocco	Elizabeth	2021	20	Nixon	Tommy	2019	7
McAdam	Danielle	2020	19	Noel	Victoria	2020	12
McCann	Samantha	2020	19	Noenickx	Allyson	2019	16
McGeachie	Alexandra	2019	3	Noone	Suzanne	2019	11
McGill	Molly	2019	3	Nwobodo	Patricia	2019	25
McKenna	Sinead	2019	19	Nyhan	Joseph	2022	20
McLaughlin	Christine	2021	19	O'Connell	Mae-Chu	2019	19,22

Last Name	First Name	Year	Page	Last Name	First Name	Year	Page
O'Connor	Caroline	2019	14	Rueter	Matthew	2019	19
O'Connor	Emma	2020	19	Russo	Jessica	2019	12,16,19
O'Connor	Grace	2021	3	Russo	Lily	2022	20
O'Conor	Sadie	2022	24	Ryder	Samuel	2019	19
Offermann	Graham	2019	12	Sahovey	Olivia	2019	23
O'Keefe	Meghan	2021	18	Saint-Loth	Binah	2019	18
O'Meara	Erin	2019	19	Salmassi	Mithra	2019	6,11,17,18,21
Orefice	Jessica	2022	20	Sanders	Morgan	2020	10
Orellana	Sandra	2021	18	Santoro	Katherine	2019	24
Paganelli	Steven	2019	13	Sarro	Sophia	2021	13
Palaia	Andrew	2020	4	Schaaf	Anne-Catherine	2022	15
Papanastou	Anastasia	2020	19	Schneider	David	2022	20
Park	Maressa	2022	24	Schubert-Fontes	Maria Claudia	2019	8,12
Pena	Arlyne	2021	3	Sciarrino	Michelle	2019	17, 22, 25
Penta	Austin	2019	14,21	Segura Tobarra	Pilar	2019	18
Perkins	Marcellis	2019	5	Senier	Brian	2019	13,19
Pfau	Meghan	2020	18	Sevigny	Arren	2019	7
Philbin	Timothy	2019	15	Shepard	Deirdre	2019	6,16
Pierce	Oliver	2019	6	Sherman	Casey	2019	3
Pierce	Victoria	2020	18	Shields	Liam	2020	7
Pinder	Matthew	2020	20	Siangco	Jerome	2019	16
Pishkin	Maria	2020	19	Silas	Matthew	2019	10
Plummer	Caleb	2019	14	Silvestri	Stephen	2019	17
Poluha	Alex	2019	10	Simeon	Lauren	2019	20
Pontoriero	Natasha	2019	3,13	Singh	Barbara	2019	3
Poplawski	William	2020	19	Sisko	Elizabeth	2019	7,14
Posillico	Thomas	2020	13	Slania	John (Jack)	2021	20
Prendergast	Liam	2019	16,20	Smith	Gabriel	2019	15
Puccia	Lillian	2019	3	Smith	Isabella	2022	13
Puntasecca	Christopher	2019	7	Somerville	Kristen	2019	23
Qiang	Rui	2019	12	Sosinski	Emma	2020	16
Raheb	Michael	2020	13,19	Sowerby	Zachary	2019	15,23
Rasic	Courtney	2022	3	Spiegel	Julia	2019	13,16
Riddell	Alicia	2019	10	Spirito	Talia	2021	14,19
Rivard	Emily	2019	14	St. Lawrence	Paige	2022	18
Ronan	James	2020	19	Streaman	Olivia	2021	18
Rosenwinkel	John	2021	19	Sullivan	Emily	2019	8,20
Rossi	Caroline	2019	19	Swartzwelder	John	2019	3

Last Name	First Name	Year	Page	Last Name	First Name	Year	Page
Szkutak	Abigail	2019	12	Welsh IV	Robert	2020	23
Tafaro	Michael	2019	19	Whitcomb	Joshua	2019	17, 22, 25
Taliento	Nicholas	2021	25	White	Máire	2020	16
Tapia-Montano	Xochitl	2021	18	Wibben	Amanda	2019	4,21,23
Taylor	Moriah	2020	3	Wilks	Patrick	2019	14,23
Tehan	Isabel	2019	14,18,23	Wilson	Lauren	2019	14,16
Terranova	Olivia	2019	13	Winn	Catherine	2021	25
Thach	Anny	2020	17	Woodilla	Christopher	2020	4
Thero	Madeleine	2019	23	Xu	Zhiran (Karen)	2019	17
Thompson	Patience	2020	19	Yee	Mia	2019	3
Thurlow	Sarah	2019	23	Yoeckel	Alexandra	2019	19,22
Toro Carillo	Rossangelly	2019	5	Zeno	Emily	2019	5,19
Touchan	Sara	2019	10	Zhang	Mucong	2021	25
Trejo	Manny	2019	10				
Triant	Nicholas	2019	5,19,23				
Trueman	Hannah	2019	11				
Tsiagras	Helen	2019	7				
Tsitsopoulos	Demitria	2020	18				
Umuhoza	Chantal	2020	25				
Varda	Michael	2019	16,19				
Vasko	Anastasia	2019	23				
Venezia	Olivia	2021	3				
Venne	François	2019	17				
Veras Jr.	Johnny	2020	4				
Villa	Yankelly	2019	13				
Vittum	Jacqueline	2019	12				
Vo	Sara	2019	16,19,22				
Vogelsperger	Emily	2019	20,25				
Vogt	William	2019	19				
von Fedak	Sofia	2019	7				
Vrountas	Sarah	2019	13,20				
Wahler	Taylor	2019	16				
Walcott	Akeem	2019	3				
Waligory	Emma	2020	19				
Walsh	Luke	2019	23				
Wang	Elena (Xinyi)	2020	25				
Watson	Nicholas	2022	3				
Wawrzyk	Zackary	2019	4				