

Welcome

Welcome to the **HOLY CROSS ACADEMIC CONFERENCE 2017** sponsored by the Office of the Vice President for Academic Affairs and Dean of the College. This annual event is a celebration of over 350 Holy Cross students and their independent work in the performing and visual arts, social sciences, humanities, and physical sciences. The programs, projects, posters, and performances to be presented are the result of student work over one or two semesters under the guidance of faculty members. The students presenting this year represent but a fraction of the independent and group-project work of our students and in recognizing these projects we 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 members of the faculty have played as mentors and model teacher-scholars. Every presentation in the conference is the result of its author's and faculty advisor's creativity, hard work, and collaboration, and together they provide a fitting conclusion to our academic year.

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. Thanks are due to Professors Susan Elizabeth Sweeney (Scholar Programs) and Susan Cunningham (CIS), the concentration directors, department chairs, academic

program coordinators, conductors of musical groups and directors of Department Honors programs, as well as the many individual faculty who have supervised these student projects. Thanks are also extended to the academic administrative assistants, Tom Parsons and Robin Drew (Graphic Arts), Chip O'Connor, Suzanne Sousa and Elizabeth Rice (Conference Services), Kevin O'Loughlin and Jennifer Parks (Hogan Dining Services), and Jesse Anderson and Paul Rayne (Audio-Visual) for their long hours, attention to detail, and technical support in putting together this event. A special thanks to Professors Helen Freear-Papio and Ellen Lokos for making a reality the **Uni2Act** performance on Tuesday evening. Finally deep gratitude is extended to our office coordinator, Molly Heidemann, for her creativity, imagination, organizational skills and tireless work in making the conference a success.

Of course, the real protagonists of the conference are the Holy Cross students and faculty who have worked together in the classroom, laboratory, studio, and stage to prepare for these presentations. Congratulations to all!

Enjoy!

Ronald M. Jarret
Associate Dean
of the College

Francisco Gago-Jover
Assistant Dean

Schedule of Events

Tuesday, April 25

5 – 6:30 P.M. Conference Kick-off with *Uni2ACT* in Seelos Theatre
Walking Still: Rompiendo Barriers y Building Puentes
Reception immediately following performance.
Free and open to the general public.

Wednesday, April 26

9 A.M. – 5:40 P.M. Presentations, Poster Display with Presentations, Exhibit Openings,
and Induction Ceremony

10:45 A.M & 12:15 P.M. Arts Transcending Borders/Department of Theatre Pop-up Performances

1 P.M. Organ Recital with Presentation

7 P.M. Launch Party for the *The Purple* & Celebration of Creative Writing Concentrators

8 P.M. Holy Cross Chamber Orchestra

Thursday, April 27

11:30 A.M. – 7 P.M. Presentations, Poster Display, Exhibit Opening, Induction Ceremonies

Friday, April 28

9 A.M. – 5 P.M. Presentations, Poster Display, Induction Ceremonies

8 P.M. Holy Cross Choir Concert

Table of Contents

Tuesday, April 25

Uni2ACT–Conference Kick-off	<i>Walking Still: Rompiendo Barrriers y Building Puentes.</i>	4
------------------------------------	---	----------

Wednesday, April 26

Session I 9 A.M. – 10:10 A.M.	Oral Presentations	5
Session II 10:15 A.M. – 11:25 A.M.	Oral Presentations	8
Session III 11:30 A.M. – 12:40 P.M.	Oral Presentations	11
Session IV 12:45 P.M. – 1:55 P.M.	Oral Presentations	13
Session V 2 P.M. – 3:10 P.M.	Oral Presentations	15
Session VI 3:15 P.M. – 4:25 P.M.	Oral Presentations	17
Session VII 4:30 P.M. – 5:40 P.M.	Oral Presentations	19
Poster Display with Presentations 9 A.M. – 4:25 P.M.		20
Exhibit Openings 12 P.M. & 2 P.M.		21
Induction Ceremony 4:30 P.M.		21
Performances		22

Thursday, April 26

9 A.M. – 7 P.M.	Oral Presentations	23
	Poster Display	24
	Induction Ceremonies	25
	Exhibit Opening	25

Friday, April 27

9 A.M. – 5 P.M.	Oral Presentations	26
	Poster Display	27
	Induction Ceremonies	28
Holy Cross Choir Concert 8 P.M.		28

Uni2ACT - Walking Still: Rompiendo Barrriers y Building Puentes.

Performance and Reception

Kimball Hall Seelos Theater | 5 - 6:30 P.M.

Since its creation in 2014, Holy Cross's bilingual theater troupe, Uni2ACT has performed everything from a 17th Century Spanish play, *Juan Rana, mujer*, by Jerónimo Cáncer y Velasco, to the contemporary, *Su tabaco, gracias*, by Diana M. de Paco Serrano. Uni2ACT has consistently worked to create projects in which the arts intersect synergistically: *Árboles / Trees* (a mash-up of poetry, song and dance inspired by the Stickwork Sculpture, "Just off the beaten track," by artist in residence Patrick Doherty) was performed at Holy Cross as well as at landmark parks in Worcester for the community in collaboration with Park Spirit of Worcester, Inc.); *Latidos / Beats for Venezuela* (a fundraiser for a music education project in Venezuela founded by Brooks Scholar, Teresa Murphy, that featured Hispanic music, dance, and recitations of oral histories). Another hallmark of Uni2ACT is our interdisciplinary, collaborative focus. We commissioned History

Professor Rosa Carrasquillo to write *Salsa santa / Holy Salsa*, about Puerto Rican salsa star Ismael Rivera. In the Fall of 2017, we will collaborate with Professor Ed Isser, Chair of the Theater Department, on the mainstage production of *Fuenteovejuna* by Lope de Vega. Uni2ACT students also pen their own plays which include *¿Quién soy yo?* (a series of personal monologues performed at the Sigma Delta Pi initiation ceremony) and *¿Qué horas es?* (a comedy staged for *Noche latina*). Our current student written project, *Walking Still: Rompiendo Barrriers y Building Puentes* dialogues with one of the pieces currently shown at the Cantor Art exhibit, *The Last Frontier*, to address current political issues around immigration from a student perspective.

Uni2ACT is a haven—a safe, creative space for Holy Cross students to explore, appreciate, and fully express themselves. Every Friday afternoon, mentored by Professors Lokos and

Freear-Papio, students and FLAs unite in a co-curricular community that fosters the exploration of their cultural and linguistic selves while delving into issues of identity and social justice. Students of Spanish language hone their linguistic skills almost effortlessly, benefitting from a judgement-free zone and the conversation and companionship of their Spanish speaking peers. Hispanic students experience the pride derived from sharing their language and culture. The result? A miraculous alchemy of language, culture and confidence.

Beyond the obvious pedagogical, linguistic and cultural takeaways from the Uni2ACT experience, students develop critical skillsets necessary for their current studies as well as their future lives as professionals and community

members. The writing of original bilingual scripts fosters critical thinking skills and teamwork. Creative, improvisational stage work cultivates cognitive flexibility and the ability to think on one's feet. First-time, often reluctant actors, transform into confident performers with excellent public speaking skills and stage presence. The exposure to the many varied Hispanic cultures, helps to prepare our students to be citizens of a global world and marketplace. Many of the most critical skills required in the boardroom, in the courtroom, in the operating theater and within families and communities, are cultivated during the meetings and performances of Uni2ACT. Perhaps most importantly, students in Uni2ACT truly live Holy Cross's mission, becoming *Aliados / Allies*, "men and women for and with others."

Uni2ACT Members:

Director: Robert Haemmerle '17

Assistant director: James Conor Recio '18

Nicholas Jones '19
 Laura Buján FLA
 Efraín Lozano '19
 Nicole Bambara '17
 Cassandra Kobelski '17
 Marygrace Pier '20
 Javier López Seoane FLA
 Elizabeth Hallahan '20

Katie Santoro '19
 Ana Guibert Ruano FLA
 Natalia Luna '20
 Angel Carrillo '19
 Marily González '17
 Bioribel Castillo '19
 Lara Bonilla FLA



Session I

9 – 10:10 A.M. // Concurrent Oral Presentations

O'NEIL 112

SESSION I, GROUP A

MODERATOR: Prof. Kevin Quinn

9 A.M. | Michael Beauchamp '18 (Isaacs)

A copper-catalyzed approach to Beta-Lactams

9:15 A.M. | Gordon Farley '18 (Isaacs)

A copper-catalyzed approach to Beta-Lactams

9:30 A.M. | Christopher DeTroia '18 (Isaacs)

A copper-catalyzed approach to Beta-Lactams

9:50 A.M. | Ian Tamburini '17 (Quinn)

A Cross Metathesis/SN2' Approach to Benzofurans

10:05 A.M. | Yun Hu '18 (Quinn)

Synthetic Studies on Squamostanin

SMITH LAB 154

SESSION II, GROUP B

MODERATOR: Prof. Amber Hupp

9 A.M. | Suhasini Aravinthan '18 (Avila-Bront)

Studies in Surface Science

9:15 A.M. | Alex Clifford '18 (Hupp)

Comparison of GC Column Conditions Using Mahalanobis Distance

9:30 A.M. | Nicholas Chevalier '18 (Landis)

Electrochemical analysis of click chemistry on thiol functionalized nanoporous gold

9:50 A.M. | Danielle Fitzgerald '17 (Avila-Bront)

Studies in Surface Science

10:05 A.M. | Rebecca Davies '17 (Hupp)

Investigation of Biodiesel Degradation - FAME & Sterol Content Over Time

SMITH LAB 155

SESSION III, GROUP C

MODERATOR: Prof. Josh Farrell

9 A.M. | Nicole Bambara '17 (Farrell)

Mannich Condensations with Hexamethylene Diamine

9:15 A.M. | Andrew Millonig '17 (Herrick)

Novel Salicylimine conjugates and their attachment to rhenium

9:30 A.M. | Paul Endres '18 (Sculimbrene)

Catalytic Asymmetric Phosphorylation

9:50 A.M. | Erik Ouellette '18 (Sculimbrene)

Catalytic Asymmetric Phosphorylation

10:05 A.M. | James Conor-Recio '18 (Farrell)

Click Reactions with Amino-diphenol complexes

HABERLIN 219

SESSION IV, GROUP D

MODERATOR: Prof. Ken Mills

9 A.M. | Taylor Pels '18 (Linton)

Folding stability in synthetic beta-sheets

9:15 A.M. | Wanlin Zhang '17 (Mills)

A structural investigation and splicing study of inteins from Halobacteria

9:30 A.M. | Christopher Minter '17 (Mills)

A Fresh Perspective on Protein Splicing: *Pyrococcus abyssi*, aspartate cyclization and pressure enzymology

9:50 A.M. | Phallika Mon '18 (Petty)

Beta-Sheet formation in Small Peptides

10:05 A.M. | Christopher Janton '18 (Mills)

Salt-Dependent Protein Splicing in Halophilic Extremophiles

Session I

9 – 10:10 A.M. // Concurrent Oral Presentations

HOGAN SUITE B/C

COLLEGE HONORS I

MODERATORS: Corey Scannell '18 and Melissa Gryan '18

9 A.M. | Emily Breakell '17

Holy Cross Immersion Trips and Perceptions of Global Poverty

9:25 A.M. | Jessica Vozella '17

Capitalism at the Cost of Human Dignity

9:50 A.M. | Piotr Broda '17

Rationality vs. Reality: Dissonance between Economic Models and Experimental Data

HOGAN 402/03

DIGITAL TRANSGENDER ARCHIVE I

MODERATOR: Prof. K.J. Rawson

9 A.M. | Michael DeSantis '18

"Not Manners of a Lady": The Sensationalization of Female Impersonation through Minstrelsy and Newspaper Media, 1850-1920

9:25 A.M. | Mithra Salmassi '19

Labeling with the Homosaurus: Navigating the Complexities of Language in the DTA

9:50 A.M. | Sean Frebes '17

Leveraging Social Media to Increase the DTA's Visibility

HOGAN 401

GENDER, SEXUALITY,
AND WOMEN'S STUDIES I

MODERATOR: Prof. Mary Doyle Roche

9 A.M. | Ambra Dhima '17

The Sexual Objectification of Women

9:25 A.M. | Caroline Tibbitts '17

Dissecting Intersectionality

9:50 A.M. | Ana-Sofia Reyes '17

Adolescent Identity Achievement Through Moratorium and the Role of Adolescent Romantic Relationships: A Case Study on "Smashed"

HOGAN SUITE A

LATIN AMERICAN AND
LATINO STUDIES I

MODERATOR: Prof. Maria Rodrigues

9 A.M. | Osiris Garcia '17

Political Repression and Human Rights in Cuba

9:25 A.M. | Mariel Aleman '17

Lawrence MA: Un Hogar Lejos de Casa con una Identity Dominicana

9:50 A.M. | Latino History Project of Worcester

STEIN 316

PHYSICS

MODERATOR: Prof. Tom Narita

9 A.M. | Samuel Habein '17

Azimuthal Angle Measurements of Muons

9:25 A.M. | Angela Cavanagh '18

Laser Frequency Control Using Feedback Loops

9:50 A.M. | Patrick Connolly '18

Dynamics of an Ultracold Cloud of Rb Gas

Session I

9 – 10:10 A.M. // Concurrent Oral Presentations

HOGAN 320

SOCIOLOGY AND
ANTHROPOLOGY HONORS I
MODERATOR: Prof. Daina Harvey

9 A.M. | Elena Ferguson '17

A Different World: Exploring Race through Travel
Blogs

9:25 A.M. | Hildie Hoeschen '17

Call the Midwife?: A Comparative Analysis of
Women's Lived Experiences of Childbirth Under the
Care of a Midwife in the United States and United
Kingdom

9:50 A.M. | Sara Newstein '17

The Self, Authenticity and Postmodernity: Social
Media Rejection

O'NEIL 123

TEACHER EDUCATION PROGRAM I
MODERATOR: Mary Beth Cashman, Director

9 A.M. | Meghan Kelly '17

La Curva Aprendizaje: Teacher's Edition

9:25 A.M. | Cassandra Kobelski '17

¿Que hora es?

9:50 A.M. | Catherine Leeber '17

Pasito a Pasito

Session II

10:15 – 11:25 A.M. // Concurrent Oral Presentations

STEIN 120

ARCHAEOLOGICAL DOCUMENTARY I

MODERATORS: Profs. Ellen Perry and Steve Vineberg

10:15 A.M. | Amanda Kondak '17

Archaeological Documentary: Unearthing the Past of Populonia

O'NEIL 112

SESSION I, GROUP A

MODERATOR: Prof. Kevin Quinn

10:20 A.M. | Patrick Miller '18 (Quinn)

Synthetic Studies on Squamostanin

10:40 A.M. | Aaron Bosse '17 (Isaacs)

Synthesis of unsaturated amides

10:55 A.M. | Tae Correia '17 (Isaacs)

Synthesis of 3-aminoindolizines

11:10 A.M. | Benjamin Ghiano '17 (Isaacs)

Synthesis of aza-4-iminoquinolizines

SMITH LAB 154

SESSION II, GROUP B

MODERATOR: Prof. Amber Hupp

10:20 A.M. | Keiving Wong '17 (Landis)

Electrochemical Properties of Amines on Planar Platinum Surfaces

10:40 A.M. | Emily Krisanda '17 (Avila-Bront)

Studies in Surface Science

10:55 A.M. Carolyn Brown '17 (Hupp)

Investigation of Biodiesel Degradation - Effect of Surface Area on Sterol & FAME content

11:10 A.M. | Daniel Favre '18 (Landis)

Diazonium Grafting and Click Chemistry on Nanoporous Gold

SMITH LAB 155

SESSION III, GROUP C

MODERATOR: Prof. Josh Farrell

10:20 A.M. | Emily Popp '17 (Farrell)

Click Reactions with Aminophenol complexes

10:40 A.M. /Bobby Bradley '17 (Herrick)

New dithiocarbamate bioconjugates and their rhenium compounds

10:55 A.M. Susannah Huth '18 (Sculimbrene)

Peptide Isostere Synthesis

11:10 A.M. Shayan Zaheer '18 (Farrell)

Mannich condensations with propargyl amine

HABERLIN 219

SESSION IV, GROUP D

MODERATOR: Prof. Ken Mills

10:20 A.M. | Joshua Long '17 (Mills)

Temperature and Pressure Dependence of the Activity of Inteins from Extreme Thermophiles

10:40 A.M. | Deirdre Reidy '18 (Mills)

Salt-Dependent Protein Splicing in the extremophile *Haloquadratum walsbyi*

10:55 A.M. | William Massey '18 (Linton)

Flexibility in secondary structure scaffolds

11:10 A.M. | Christian Ramsoomair '18 (Mills)

Influence of Pressure on Splicing Capabilities in Two Similar Thermophilic Inteins

Session II

10:15 – 11:25 A.M. // Concurrent Oral Presentations

STEIN 223

CLASSICS PRESENTATION

MODERATOR: Prof. Timothy Joseph

10:15 A.M. | Anne Thompson '17

Caesar's War: A Computational Linguistic Analysis

HOGAN SUITE B/C

COLLEGE HONORS II

MODERATORS: Cara Donovan '18 and Jessica Stietzel '18

10:15 A.M. | Thomas Martis '17

W.J. Stillman and Photography

10:40 A.M. | James Barone '17

Wake Boarding: A Play

11:05 A.M. | Thomas Vurno '17

Angry Boys: A Novel

HOGAN 402/03

DIGITAL TRANSGENDER ARCHIVE II

MODERATOR: Prof. K.J. Rawson

10:15 A.M. | Digital Transgender Archive: Drop-In Showcase

10:40 A.M. | Digital Transgender Archive: Drop-In Showcase

11:05 A.M. | Digital Transgender Archive: Drop-In Showcase

HOGAN 406/407/408

ECONOMICS AND ACCOUNTING HONORS I

MODERATOR: Prof. Justin Svec

10:15 A.M. | Greg Violante '17

How Sovereign Credit Ratings Impact Capital Flows
Pre and Post Financial Crisis

11:05 A.M. | Marisa Carlson '17

How informative are Credit Ratings? Analyzing
the impact of the Dodd-frank Act on changes in
Corporate Bond Ratings

HOGAN 401

GENDER, SEXUALITY, AND
WOMEN'S STUDIES II

MODERATOR: Prof. Mary Doyle Roche

10:15 A.M. | Alicia Perry '17

Fashion and Body Positivity

10:40 A.M. | Mary Kate Vanecko '17

Women, Patriarchy, and the Catholic Church

11:05 A.M. | Victoria Mousley '17

Language: How it Creates and Is created
by Gender Inequality

HOGAN SUITE A

LATIN AMERICAN AND LATINO STUDIES II

MODERATOR: Prof. Maria Rodrigues

10:15 A.M. | Latino History Project of Worcester

10:40 A.M. | Alexander Bonano '17

Race and Human Rights in Cuba

11:05 A.M. | Emily Breakell '17

Symbols of Slavery in the Dominican Republic and on
our Campus

Session II

10:15 – 11:25 A.M. // Concurrent Oral Presentations

STEIN 223

MANUSCRIPTS, INSCRIPTIONS
AND DOCUMENTS CLUB I
MODERATOR: Prof. Neel Smith

**10:40 A.M. | Stephanie Neville '17, Hannah
Nguyen '19, and Hanna Seariac '20**
The Chronicles of Fredegarius

11:05 A.M. | Julia Spiegel '19 and Allyn Waller '18
Editing manuscripts with chant

HOGAN 320

SOCIOLOGY AND
ANTHROPOLOGY HONORS II
MODERATOR: Prof. Daina Harvey

10:15 A.M. | Keith Plummer '17
Avowal and Queer Liberation: Discourse, Identity,
and Social Change

10:40 A.M. | Alex Taurone '17
AfterMath of Genocide: Unraveling Blackboxes
in the Guatemalan Civil War

11:05 A.M. | Hannah Tulinski '17
Barbie as Cultural Compass: Embodiment,
Representation, and Resistance Surrounding the
World's Most Iconized Doll

O'NEIL 123

TEACHER EDUCATION PROGRAM II
MODERATOR: Mary Beth Cashman, Director

10:15 A.M. | John McKeon '17
Finding the Urban Voice

10:40 A.M. | Efi Ramirez '17
Au cœur du Sud: une école urbain

11:05 A.M. | Connor Zanini '17
Living a Double Life: The Paradox of Student
Teaching

Session III

11:30 A.M. – 12:40 P.M. // Concurrent Oral Presentations

O'NEIL 112

SESSION I, GROUP A

MODERATOR: Prof. Kevin Quinn

11:30 A.M. | Will Cassels '18 (Quinn)

Efforts Toward the Synthesis of Bovidic Acid

11:45 A.M. | Adam Millham '17 (Quinn)

Synthetic Studies on Bovidic Acid

12:00 A.M. | Kate Nicastrì '17 (Quinn)

Synthetic Studies on Bovidic Acid

SMITH LAB 154

SESSION II, GROUP B

MODERATOR: Prof. Amber Hupp

11:30 A.M. | Colleen Szytko '17 (Avila-Bront)

Studies in Surface Science

11:45 A.M. | Alissa Mitchell '17 (Hupp)

Investigation of Biodiesel Degradation - Comparison of Plant and Animal Feedstocks

SMITH LAB 155

SESSION III, GROUP C

MODERATOR: Prof. Josh Farrell

11:30 A.M. | Henry Dodge '17 (Herrick)

New approaches to organorhenium chemistry

HOGAN SUITE B/C

COLLEGE HONORS III

MODERATORS: Jacqueline Galvinhill '18 and

Katelyn Lyons '18

11:30 A.M. | Daniel Apadula '17

A Musical-Aesthetic Epistemology: Why "Ti" Brings Us Back to "Do"

11:55 A.M. | Michael Ciaramella '17

Music Theory and Linguistics

12:20 P.M. | Peter Schiepers '17

On Intentionality and the Problem of Non-Existents: Suarez, Meinong, and Contemporary Logic

HOGAN 406/407/408

ECONOMICS AND ACCOUNTING HONORS II

MODERATOR: Prof. Justin Svec

11:55 A.M. | Matthew Reeves '17

Racial Discrimination in the Sharing Economy: An Economic Analysis of New York City Airbnb Listings

HOGAN 401

GENDER, SEXUALITY,
AND WOMEN'S STUDIES III

MODERATOR: Prof. Mary Doyle Roche

11:30 A.M. | Asmani Adhav '17

Maternal Effects and Egg Provisioning in Model Sea Organisms

11:55 A.M. | Sarah Gullong '17

Pathways for Increasing Intellectual Access: Curating a Guide to the DTA

12:20 P.M. | Kary Suazo '17

The Construction of an Ethno-racial Identity through Beauty Pageants in the Dominican Republic

Session III

11:30 A.M. – 12:40 P.M. // Concurrent Oral Presentations

STEIN 120

HISTORY HONORS I

MODERATOR: Prof. Gwenn Miller

11:30 A.M. | Shane Crowley '17

News Media and Politics in the Reagan Administration

11:55 A.M. | Abigail Joy '17

Gandhian Non-violence and the Leadership of Martin Luther King, Jr.

12:20 P.M. | Noreen Verini '17

The Fenian Dynamite Campaign and the Emergence of Competing Visions of Irish Nationalism

HOGAN SUITE A

LATIN AMERICAN AND LATINO STUDIES III

MODERATOR: Prof. Maria Rodrigues

11:30 A.M.

El Retablo de las Maravillas | Poetry from Nezahucioyotl

11:55 A.M.

El Retablo de las Maravillas | Poetry from Nezahucioyotl

12:20 P.M.

Luncheon for LALS participants and Recognition Awards for LALS Seniors

STEIN 223

MANUSCRIPTS, INSCRIPTIONS AND DOCUMENTS CLUB II

MODERATOR: Prof. Neel Smith

LATIN MANUSCRIPTS

11:30 A.M. | Richard Ciolek '20, Jeffrey Dickinson '19, Melissa Gryan '18,

Michael Raheb '20, and Will Walker '19

Pliny the Elder, Natural History

THE HOMER MULTITEXT PROJECT

11:55 A.M. | Steven Paganelli '19 and Liam Prendergast '19

Paragraphoi and paragraphs in three manuscripts of the Iliad

12:20 P.M. | Michael Kelley '18 and

Cory Scannell '18

Aristarchan critical signs on scholia of the Venetus A

Session IV

12:45 – 1:55 P.M. // Concurrent Oral Presentations

HOGAN SUITE B/C

COLLEGE HONORS IV

MODERATORS: Blake Basmajian '18 and Kyle Kadamian '18

12:45 P.M. | Kristina Washer '17

Reconstructing the Hindlimb Muscles of the Dodo

1:10 P.M. | Andrew Weller '17

Concurrent Surgery and Informed Consent

1:35 P.M. | Xenyi Zeng '17

Preliminary GIS Analysis of the Presence and Distribution of Ice-Filled Cirques

HOGAN 304/305

ENGLISH HONORS I

MODERATOR: Prof. Nadine Knight

12:45 P.M. | Megan Izzo '17

Women's American Activist Rhetoric and Historical Memory

1:10 P.M. | Emily Iannaconi '17

Why Sports Matter: Shakespeare's Perfect Game

1:35 P.M. | Jane McGrail '17

Shakespearean Speech Acts: The Linguistic Foundation of Truth

STEIN 120

HISTORY HONORS II

MODERATOR: Prof. Gwenn Miller

12:45 P.M. | Jeremy Berry '17

Lift Up Every Voice: Lay Participation in the Changing Catholic Mass, 1930-1970

1:10 P.M.

General Discussion

1:35 P.M.

General Discussion

STEIN 223

MANUSCRIPTS, INSCRIPTIONS AND DOCUMENTS CLUB III

MODERATOR: Prof. Neel Smith

THE HOMER MULTITEXT PROJECT

12:45 P.M. | James Garry '20, Claude Hanley '18, and Zachary Sowerby '19

From musical pitch to grammatical rule: accent in Homeric manuscripts

SENIOR THESIS

1:10 P.M. | Melody Wauke '17

Alexandrian editors and the scholia of the Venetus A

O'NEIL 123

PEACE AND CONFLICT STUDIES I

MODERATOR: Prof. Denis Kennedy

12:45 P.M. | Erin Connolly '17

The Future of the American Nuclear Arsenal

1:10 P.M. | Andrea Cantalupa '17

Sumanahalli: Mind, Body and Spirit

1:35 P.M. | Deanna Drenga '17

We the People: The UN, States and the Search for Peace

STEIN 316

PHILOSOPHY OF FOOD

MODERATOR: Marty Dudek, Associate Director of Dining Services

12:45 P.M. | Kristen Lane '17

Think With Your Fork: Kimball Dining as an Educational Site

1:10 P.M. | Christina Nee '19, Julia Metzger '19, Isabelle Lambrecht '19, and Katherine Badenhausen '19

Think With Your Fork: Kimball Dining as an Educational Site

Session IV

12:45 – 1:55 P.M. // Concurrent Oral Presentations

HOGAN 406/407/408

STUDY ABROAD I

MODERATORS: Jimena Collingwood and Angie Woodmansee,
Assistant Directors

1:35 P.M. | Jacqueline Bashaw '17

What role does music play in *Howards End* and *Heart of Darkness*? Oxford

Session V

2 – 3:10 P.M. // Concurrent Oral Presentations

HOGAN 320

AFRICANA STUDIES I

MODERATOR: Prof. Lorelle Semley

2 P.M. | Elena Ferguson '17

Roots Before Branches: An Investigative Look at
Diaspora Tourism

2:25 P.M. | Raha Maalin '17

Gendered Responses to Pass Laws

2:50 P.M./ Thomas Kennedy '17

Peace and Conflict in Africa

STEIN 120

ARCHAEOLOGICAL DOCUMENTARY II

MODERATORS: Profs. Ellen Perry and Steve Vineberg

2:25 P.M. | Amanda Kondek '17

Archaeological Documentary: Unearthing the Past of
Populonia

SMITH LAB 154

BIOCHEMISTRY I

MODERATOR: Prof. Rob Bellin

2 P.M. | Wanlin Zhang '17

A structural investigation and splicing study of inteins
from Halobacteria

2:25 P.M. | Emily Popp '17

Click reactions with amino phenol complexes

2:50 P.M. | Adam Millham '17

An investigation into the total synthesis and
biological relevance of (+)-bovidic acid

HOGAN SUITE B/C

COLLEGE HONORS V

MODERATORS: Joe Metrano '18 and Marie Therese Kane '18

2 P.M. | Victoria Mousley '17

Deaf Stigma: An Analysis of Factors Predicting Well-
Being Among Deaf Emerging Adults

2:25 P.M. | Caroline Morano '17

Children's Spontaneous Gestures Before and After
Learning About the Day-Night Cycle

2:50 P.M. | Thomas Rueter '17

Ideology, Populism, and the 2016 Election

HOGAN SUITE A

ECONOMICS AND ACCOUNTING HONORS III

MODERATOR: Prof. Justin Svec

2 P.M. | Andy Dong '17

The impact of the EU-US Open Skies Agreement on
passenger number between the United Kingdom and
the United States

2:50 P.M. | Kylie Coffman '17

Simply Politics? A Look into Trade Linkage's Influence
on the Impact of Economic Sanctions

HOGAN 304/305

ENGLISH HONORS II

MODERATOR: Prof. Nadine Knight

2 P.M. | Will Peters '17

In All Things: Stories of Healing

2:25 P.M. | Maxwell McKee '17

Shades of Sympathy: Humor in Nabokov

2:50 P.M. | Katrina Morris '17

Form and Freedom in Elizabeth Barrett Browning's
Sonnets from the Portuguese

Session V

2 – 3:10 P.M. // Concurrent Oral Presentations

HOGAN 401

GENDER, SEXUALITY, AND WOMEN'S STUDIES IV

MODERATOR: Prof. Mary Doyle Roche

2 P.M. | Hannah Tulinski '17

Barbie as Cultural Compass: Embodiment, Representation, and Resistance Surrounding the World's Most Iconized Doll

2:25 P.M. | Raha Maalin '17

Extending Title IX to Transgender Students

2:50 P.M. | Elizabeth Pearce '17

It's An "Ad" World: The Subjugation of Women within Advertisements

HABERLIN 219

HISTORY: NATURE AND SOCIETY I

MODERATOR: Prof. Justin Poche

2 P.M. | Hannah Miksenas '20; Matthew Reali '19; Evan Stefanini '17; Andrew Toritto '20

The Making of the Dust Bowl Crisis

2: 25 P.M. | Abigail Benjamin '18; Ryan Dowd '19; Joseph Forlenza '19; Erik Ouellette '18

The Lucky Dragon and Atomic Testing in Postwar America

2:50 P.M. | Thomas MacMullin '20; Evan Megan '19; Jason Rodriguez '20; Tess Shaw '19

The Farmington Mine Disaster

O'NEIL 123

PEACE AND CONFLICT STUDIES II

MODERATOR: Prof. Denis Kennedy

2 P.M. | James Dan '17

America's Passive Secularization vs. France's Active Secularization as Effective Control Mechanisms

2:25 P.M. | Audra Kinney '17

Consequences of Manifest Destiny in the American Southwest

2:50 P.M.

Peace and Conflict Studies Reception

STEIN 223

PHILOSOPHY HONORS I

MODERATOR: Prof. Chris Dustin

2 P.M. | Benjamin Frascarelli '17

Nietzsche, Mathematics, and Music

2:25 P.M. | Caroline Carr '17

Aristotle, Ethics, and the Modern World

2:50 P.M. | Peter Schiepers '17

On Intentionality and the Problem of Non-Existents: Suarez, Meinong, and Contemporary Logic

HOGAN 406/407/408

STUDY ABROAD II

MODERATORS: Jimena Collingwood and Angie Woodmansee, Assistant Directors

2 P.M. | Jessica Vozella '17

What you learn in the Scouts. Strasbourg, France (poster on display in Stein Atrium)

2:25 P.M. | Elise Tomasello '17

Travel through Instagram: Dorothy the Universal Wanderer. Coruña, Spain

2:50 P.M. | Julia Palmerino '18

Craic agus Ceol: Music and Song in Cork, Ireland

Session VI

3:15 – 4:25 P.M. // Concurrent Oral Presentations

HOGAN 320

AFRICANA STUDIES II

MODERATOR: Prof. Lorelle Semley

3:15 P.M. | Sara Newstein '17

Persisting Racial Inequalities in Public Schools

3:40 P.M. | Abigail Joy '17

Gandhian Non-violence and the Leadership of Martin Luther King, Jr.

4:05 P.M.

Africana Studies Reception

O'NEIL 112

BEST OF ART HISTORY I

MODERATOR: Prof. David Karmon

3:15 P.M.

Introduction by David Karmon

3:40 P.M. | Sara McLean '17

The Japanese Tea Garden: A Spiritual Aesthetic that Resonates with Jesuit Ideals

4:05 P.M. | Therese Starshak '17

The Chertsey Tiles: An Exploration into England and the Crusades

SMITH LAB 154

BIOCHEMISTRY II

MODERATOR: Prof. Rob Bellin

3:15 P.M. | Melissa Connolly '17

Development of a multi-sided polydimethylsiloxane cell growth surface using 3-D printing technology

3:40 P.M. | Jeeva Jacob '17

The effect of age and passage on the lung mesenchymal stem cell response to cigarette smoke extract

4:05 P.M. | Christopher Minter '17

A fresh perspective to protein splicing: Pyrococcus abyssi, aspartate cyclization and pressure enzymology

HOGAN SUITE B/C

COLLEGE HONORS VI

MODERATORS: Claude Hanley '18 and Grace Cavanagh '18

3:15 P.M. | Anthony Criscitiello '17

Investigation of Honeybee Pheromone Communication in the Social Immune System

3:40 P.M. | Benjamin Nicholson '17

Drosophila S-Lap Research

4:05 P.M. | Emily Perry '17

Good Things Wild and Free

HOGAN SUITE A

ECONOMICS AND ACCOUNTING HONORS IV

MODERATOR: Prof. Justin Svec

3:40 P.M. | Patrick Franco '17

Terrorism as a Risk Factor for Genocide

HOGAN 304/305

ENGLISH HONORS III

MODERATOR: Prof. Nadine Knight

3:15 P.M. | Ryan Kingsley '17

Bird on the Horizon

3:40 P.M. | Jacqueline Bashaw '17

Examining Female Narrators in Vampire Fiction and Film

Session VI

3:15 – 4:25 P.M. // Concurrent Oral Presentations

HOGAN 401

GENDER, SEXUALITY, AND WOMEN'S STUDIES V
MODERATOR: Prof. Mary Doyle Roche

3:15 P.M. | Keith Plummer '17

Avowal and Queer Liberation: Discourse, Identity, and Social Change

3:40 P.M. | Julia Jesielowski '17

STEM Educations

4:05 P.M. | Natalie Correa '17

How Do You Appreciate the Ballet: An Analysis of Ballet Images and Their Portrayals of the Feminine Body

HABERLIN 219

HISTORY: NATURE AND SOCIETY II
MODERATOR: Prof. Justin Poche

3:15 P.M. | Kevin Finn '17; Matthew McIvor '18; John Nilles '20; Mary Elizabeth Parslow '19

The Cuyahoga River Fire and the Making of Modern Environmentalism

3:40 P.M. | Ryan DeGraw '19; Bryan Gallagher '18; Elizabeth Scott '20; John Stevens '20

The Three Mile Island Accident and U.S. Nuclear Power Policy

4:05 P.M. | Marissa Bradley '20; Michaela Curtin '19; Carly Flahive '20; Robert Roberge '18

The Love Canal Disaster and the Long Civil Rights Movement

STEIN 223

PHILOSOPHY HONORS II
MODERATOR: Prof. Christopher Dustin

3:15 P.M. | Margaret George '17

Radical Thinkers and Morality: Augustine and Kant

3:40 P.M. | Daniel Apadula '17

A Musical-Aesthetic Epistemology: Why "Ti" Brings Us Back to "Do"

4:05 P.M. | General Discussion

HOGAN 406/407/408

STUDY ABROAD III
MODERATORS: Jimena Collingwood and Angie Woodmansee, Assistant Directors

3:15 P.M. | James Dan '17

Ball ist Leben (Ball is life). Bamberg, Germany (poster on display in Stein Atrium)

3:40 P.M. | Frederick Boehrer '18

Research focuses on the Tamil Internally Displaced Peoples in the Jaffna Peninsula. Sri Lanka

4:05 P.M. | Charlie Suse '17

Lima, Perú and Buenos Aires, Argentina

Session VII

4:30 – 5:30 P.M. // Concurrent Oral Presentations

HOGAN 320

AFRICANA STUDIES III

4:30 P.M. | Africana Studies Reception

SMITH LAB 154

BIOCHEMISTRY III

MODERATOR: Prof. Rob Bellin

4:30 P.M. | Lauren Riley '17

A study of the sexually diametric lifespan effects of a high glucose diet in *C. elegans*

4:55 P.M. | Anthony Criscitello '17

Investigation of honeybee pheromone communication in the social immune system

O'NEIL 112

BEST OF ART HISTORY II

MODERATOR: Prof. David Karmon

4:30 P.M. | Lauren Venesy '17

Dance and Design: Choreographed Spatial Experiences

Poster Display with Presentations

STEIN ATRIUM

MODERN LANGUAGES AND LITERATURES

Posters on display from 9 A.M. – 4:35 P.M.

9:25 A.M. | Jacob Wronski '18

Immersing in Russia (Russian)

10:15 A.M. | Kyle Cunningham '17

Beijing's Pollution Problem (Chinese)

10:15 A.M. | Victoria Mousley '17

Study Away at Gallaudet University (ASL)

10:15 A.M. | Holly Nord '17

How Chinese People View the Reopening of Family Planning Policy in 2015 (Chinese)

10:15 A.M. | Victoria Recinos '18

The tension between standard Mandarin and regional dialects in China (Chinese)

10:15 A.M. | Michael Sixsmith '17

Environmental Protection and Economic Growth's Complex Relationship in China (Chinese)

10:15 A.M. | David Smith '18

China's Gap between the Rich and the Poor (Chinese)

10:15 A.M. | Luke Thompson '17

Elderly Care in China (Chinese)

10:15 A.M. | Suji Yi '17

Effects of the Economic Relationship of China and South Korea (Chinese)

11:05 A.M. | Sarah Baker '18

Russia study abroad classes and academics (Russian)

11:05 A.M. | Michael Morigi '19

Experiencing History and Culture in Russia (Russian)

1:10 P.M. | Efi Ramirez '17

Schooling in Strasbourg (French)

1:10 P.M. | Jessica Vozella '17

What you learn in the scouts (French)*

1:35 P.M. | Declan Downey '17

My Political Science and Family-life Experiences (German)

3:15 P.M. | James Dan '17

Ball ist Leben (Ball is life) (German)*

Bridgid Carey '17

Places That Matter (Russian)

**Presenting with Study Abroad in Hogan 406/407/408*

Exhibition Openings

CANTOR ART GALLERY

SENIOR STUDIO MAJORS ARTIST TALKS

Exhibition up through May 26

12 P.M.

Aiden Duffy '17 Allison Thiel '17
Katie Evans '17 Mary Welsh '17
Emily Mutkoski '17 Keiving Wong '17
John Silveira '17

SAS GALLERY, HOGAN

STUDIO MINORS EXHIBITION OPENING

Exhibition up through May 10

2 P.M.

Gabriella Atwell-Beaugene '17
Julia Baker '17 Katherine McKernan '17
Timothy Gardner '17 Anastasia Philbrook '17
Michelle Jin '17 Lillie Reder '17
Jenifer Kimball '17 Reiko Tomizawa '17
Hallei Lopez '17 Christina Yu '17
Katherine Love '17

Induction Ceremony

HOGAN 304/305

ENGLISH SIGMA TAU DELTA

MODERATOR: Prof. Madigan Haley

4:30 P.M.

Abigail Howland '18 Caroline Priest '18
Alexandra Larkin '18 Andrew Wells '18
Emma O'Leary '18 Ryan Wood '18

Performances

Arts Transcending Borders/Department of Theatre Pop-up Performance

STICKWORK SCULPTURE BY LINDEN LANE LAWN*

BASIC DANCE WITH JIMENA BERMEJO

10:45 – 11:15 A.M.

Michael Alarie '17	Raha Maalin '17
Kyle Anagnos '19	Jaylene Mata '20
Kylie Coffman '19	Aidan McDonnell '18
Kirsten Gargiulo '17	Kerianne Moran '18
Evan Grogan '17	Holly Nord '17
Kevin Hannan '19	Abigail Oliver '17
Robert Kosharek '17	Leydi Pliego-Vergara '20
Tina Le '17	Patrick Sheehan '17
Michael Lewis '20	Madison Warwick '18

ST. JOSEPH'S MEMORIAL CHAPEL

THERE AND BACH AGAIN, ORGAN RECITAL
WITH PRESENTATION

1 P.M.

Lorraine Mihaliak '19, Organ Scholar

LEVIS BROWSING ROOM, DINAND

LAUNCH PARTY FOR *THE PURPLE* &
CELEBRATION OF CREATIVE WRITING
CONCENTRATORS

7 P.M., with student readings starting at 7:20 P.M.

Creative Writing Concentrators:

Alexa J Eldracher '17	William R Peters '17
Emily M Iannaconi '17	Christopher A Saeli Jr. '17
Erin P Kenning '17	Gabriella D Smith '17
Andrea E Pappey '17	Jonathan H Thompson '17

STICKWORK SCULPTURE BY LINDEN LANE LAWN*

MODERN DANCE WITH KAELA LEE

12:15 -12:45 P.M.

Patricia Cox '20	Rachel Marasco '18
Mustafa Elnady FLA	Shannon Moran '20
Eleonora Fantoni FLA	Olivia Pan '20
William Gaudreau '18	Ameer Phillips '17
Sarah Gullong '17	Jessica Robey '18
Kylie Kardos '19	Laura de las Mercedes, FLA
Bu Sanchez FLA	Sean Kirkpatrick '17
Emily Smith '17	Kristin Lane '17
Glorianna Theodhoraqi '18	

**In case of inclement weather, the performances
may be cancelled.*

BROOKS CONCERT HALL

HOLY CROSS CHAMBER ORCHESTRA
PERFORMANCE

8 P.M.

FLUTE	VIOLONCELLO
Katherine Elacqua '19	Teddy Chomiak '18
Dara Parsons '19	Brett Cotter '19
	Emma O'Connor '20

VIOLA

Matthew Pinder '20
Virginia Peck-Phillips '17
Melody Wauke '17
Alex Kui '19
Brianna Maynard '19

OBOE

Emily Sullivan '19

CLARINET

Emily Kulp '19

VIOLIN

Christopher Goessling '18
Marena Elle Minelli '17
Jason Aldave '20
Gen Tsudaka '17
Abbey DeNorscia '17
Sarah Vrontas '19
John Little (faculty)

TIMPANI

Frank Dwyer '19

11:30 A.M. – 3:30 P.M. // Oral Presentations

REHM LIBRARY

COLLEGE HONORS PRESENTATIONS

MODERATOR: Michael DeSantis '18 and Peter Oggiani '18

11:30 A.M. | Megan Izzo '17

American Activist Rhetoric and Historical Memory

11:55 A.M. | Jacqueline Bashaw '17

Examining Female Narrators in Vampire Fiction and Film

12:20 P.M. | Mary Kate Vanecko '17

Women, Patriarchy, and the Catholic Church

MODERATOR: Joe Criscitiello '18 and Susanna Huth '18

12:45 P.M. | Charles Schufreider '17

On the Format of the Scholia to the Iliad in the Venetus A Manuscript

1:10 P.M. | Jason Steranko '17

Methods of Persuasion in Josephus's Against Apion

1:35 P.M. | Jane McGrail '17

Shakespearean Speech Acts: The Linguistic Foundation of Truth

HOGAN 304/305

POLITICAL SCIENCE HONORS

MODERATOR: Prof. Greg Burnep

3:30 P.M. | Luke P. Miller '17

Unconventional Warfare: Operational Law in the War on Terror

Poster Display

STEIN ATRIUM

MODERN LANGUAGES AND LITERATURES

Posters on display from 9 A.M. – 4:35 P.M.

Sarah Baker '18

Russia study abroad classes and academics (Russian)

Bridgid Carey '17

Places That Matter (Russian)

Kyle Cunningham '17

Beijing's Pollution Problem (Chinese)

James Dan '17

Ball ist Leben (Ball is life) (German)*

Declan Downey '17

My Political Science and Family-life Experiences (German)

Michael Morigi '19

Experiencing History and Culture in Russia (Russian)

Victoria Mousley '17

Study Away at Gallaudet University (ASL)

Holly Nord '17

How Chinese People View the Reopening of Family Planning Policy in 2015 (Chinese)

Efi Ramirez '17

Schooling in Strasbourg (French)

Victoria Recinos '18

The tension between standard Mandarin and regional dialects in China (Chinese)

Michael Sixsmith '17

Environmental Protection and Economic Growth's Complex Relationship in China (Chinese)

David Smith '18

China's Gap between the Rich and the Poor (Chinese)

Luke Thompson '17

Elderly Care in China (Chinese)

Jessica Vozella '17

What you learn in the scouts (French)*

Jacob Wronski '18

Immersing in Russia (Russian)

Suji Yi '17

Effects of the Economic Relationship of China and South Korea (Chinese)

Induction Ceremonies

HOGAN 304/305

POLITICAL SCIENCE PI SIGMA ALPHA

4 P.M.

Bradley W. Austin '18	William McCue '17
Aleksandra Aviza '18	Daniel Murphy '18
Joseph A. Bierwirth '18	Colleen Frances Naber '18
Amanda Bringewatt '18	Holly Nord '17
Michael J. Carboni '18	James M. O'Connor '18
Nathaniel Chung '18	Adriana T. Overton '18
Caitlin Daniels '18	Daniel C. Passarelli '17
Jessica Davidson '17	Luke Reynolds '18
Joshua Steven DeYoung '18	Alessandro Rotella '18
Nathan M. Figueroa '18	Caroline Shannon '17
Brayson Grant '18	Jaycob Simsheuser '18
Brenna R. Kent '18	Hallie Ventling '18
Robert D. Legare '18	Morgan M. Wilderman '18
Jaina Maher '18	Gregory J. Wood '18
Margaret McClellan '17	Jacob Wronski '18

HOGAN SUITE B/C

SPANISH SIGMA DELTA PI

5 P.M.

Juliana Brandao '17	Sydney Latour '17
Patrick Buscone '17	Catherine Leeber '17
Haylie Butler '17	Brooke Morley '17
Kyle Espinola '17	Khorally Pierre '17
Marilyn González '17	Caroline Randall '17
Joseph Greaney '17	Abigail Rasweiler '17
Robert Haemmerle '17	Abigail Ray '17
Meghan Kelly '17	Andrew Truong '17
Cassandra Kobelski '17	Daniel Zubizarreta '17

Exhibit Opening

CANTOR ART GALLERY

SENIOR STUDIO MAJORS EXHIBITION

Exhibition up through May 26

5:30 – 7 P.M.

Aiden Duffy '17	Allison Thiel '17
Katie Evans '17	Mary Welsh '17
Emily Mutkoski '17	Keiving Wong '17
John Silveira '17	

9 A.M. – 4 P.M. // Oral Presentations

REHM LIBRARY

COLLEGE HONORS PRESENTATIONS

MODERATOR: Caroline Galvinhill '18 and Rose Weiss '18

9 A.M. | Katrina Morris '17

Form and Freedom in Elizabeth Barrett Browning's Sonnets from the Portuguese

9:25 A.M. | Abigail Kehoe '17

BiModernism

9:50 A.M. | Christian Doyle '17

Paternity in James Joyce's Ulysses

MODERATOR: Hannah Jeter '18 and Erin Sullivan '18

10:15 A.M. | Patrick Buscone '17

The Demilitarization of Costa Rica

10:40 A.M. | Madeline Supple '17

Genocide Preventions

11:05 A.M. | Tyler Ambrose '17

The Liberalization of Cuba

HOGAN 401

LUNCHEON BUFFET FOR SENIORS IN THE COLLEGE HONORS PROGRAM, THEIR GUESTS, AND THEIR THESIS ADVISORS

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

11:30 A.M. - 1 P.M.

HOGAN 320

ETHNOGRAPHIC FIELD METHODS

MODERATOR: Prof. Ann Marie Leshkovich

1 – 4 P.M.

Amanda Gibson '17

Class and First Generation College Students

Kelley Ann Ferreira '17

The Effects of Diversity on Students in the Classroom on the Hill

Vasco Chavez-Molina '18

Politics and Social Dynamics on a College Campus

Tori Blot '18

Mistrust of Western Medicine: Researching the Perceptions of Western, Non-Western and Alternative Medicine among Multicultural Students and their Families

Mia Yee '19

Understanding the Experience of Asian Americans in the United States Across Ethnic, Generational, and Racial Boundaries

Vanessa Rai '17

Pieces of Home? Art and Identity among Worcester's Bhutanese and Nepalese Refugees

Maxime Nguyen '18

The Aftermath: The Effects of the Vietnam War on the Formation of Vietnamese American Identity

Kamela Dino '18

Traditions and Culture among Albanian Americans in Worcester

Mary Welsh '17

Affect in Art Education: The Aims of Art Education and the Facilitation of Creativity Through Teaching Styles

Lilly Pearce '17

It's an "Ad" World: The Subjugation of Women within Advertisements

Jonathan Chirico '17

National and State Cannabis Culture

Poster Display

STEIN ATRIUM

MODERN LANGUAGES AND LITERATURES

Posters on display from 9 A.M. – 4:35 P.M.

Sarah Baker '18

Russia study abroad classes and academics (Russian)

Bridgid Carey '17

Places That Matter (Russian)

Kyle Cunningham '17

Beijing's Pollution Problem (Chinese)

James Dan '17

Ball ist Leben (Ball is life) (German)*

Declan Downey '17

My Political Science and Family-life Experiences (German)

Michael Morigi '19

Experiencing History and Culture in Russia (Russian)

Victoria Mousley '17

Study Away at Gallaudet University (ASL)

Holly Nord '17

How Chinese People View the Reopening of Family Planning Policy in 2015 (Chinese)

Efi Ramirez '17

Schooling in Strasbourg (French)

Victoria Recinos '18

The tension between standard Mandarin and regional dialects in China (Chinese)

Michael Sixsmith '17

Environmental Protection and Economic Growth's Complex Relationship in China (Chinese)

David Smith '18

China's Gap between the Rich and the Poor (Chinese)

Luke Thompson '17

Elderly Care in China (Chinese)

Jessica Vozella '17

What you learn in the scouts (French)*

Jacob Wronski '18

Immersing in Russia (Russian)

Suji Yi '17

Effects of the Economic Relationship of China and South Korea (Chinese)

Induction Ceremonies

HOGAN SUITE B/C

RELIGIOUS STUDIES THETA ALPHA KAPPA

12 P.M.

Jacqueline A. Galvinhill '18
Shengyi (Michelle) Hu '19
Jessica P. Vozella '17

STEIN 526

FRENCH AWARD CEREMONY AND PI DELTA PHI

3:30 P.M.

Erin Connolly '17
Sofia von Fedak '19
Sarah Malala '18
Cassandra Naimie '17
Stephen Silvestri '19
Lauren Venesy '17
François Venne '19

Performance

ST. JOSEPH MEMORIAL CHAPEL

HOLY CROSS CHOIR CONCERT

8 P.M.

SOPRANOS

Anamika Dutta '20
Christina Dressel '20
Rose Fusco '17
Rose Grosskopf '20
Emma Garaban '17
Theresa Gervais '20
MaryGrace King '20
Maeve McNamera '20
Leela Mennillo '20
Julia Palmerino '18
Allison Rancourt '17
Elena Wang '20

ALTOS

Joanna Aramini '19
Lauren Casey '19
Elizabeth Driver '19
Kate Goza '20
Sydney Grosskopf '20
Michelle Hu '19
Alena Kimble '20
Abby Kostecki '19
Christine Morrison '20
Teresa Murphy '19
Renata Ndahayo '17
Karen Xu '19

BASSES

Kevin Cogan '19
Michael Gibb '19
Blaze Hilario '17
Christian Hirsch '17
Ying Hong '19
Joseph Portch '19

TENORS

Jacob Applegate '20
Jeremy Berry '17
Patrick Jessop '20
Stephen Ross '19

Student Participant Index

NAME	YEAR	PAGE(S)	NAME	YEAR	PAGE(S)
Aaron Bosse	2017	8	Bioribel Castillo	2019	4
Abbey DeNorscia	2017	22	Blaze Hilario	2017	28
Abby Kostecki	2019	28	Bobby Bradley	2017	8
Abigail Benjamin	2018	16	Bradley Austin	2018	25
Abigail Howland	2018	21	Brayson Grant	2018	25
Abigail Joy	2017	12 & 17	Brenna Kent	2018	25
Abigail Kehoe	2017	26	Brett Cotter	2019	22
Abigail Oliver	2017	22	Brianna Maynard	2019	22
Abigail Rasweiler	2017	25	Bridgid Carey	2017	20, 24, & 27
Abigail Ray	2017	25			
Adam Millham	2017	11 & 15	Brooke Morley	2017	25
Adriana Overton	2018	25	Bryan Gallagher	2018	18
Aidan McDonnell	2018	22	Caitlin Daniels	2018	25
Aiden Duffy	2017	21 & 25	Carly Flahive	2020	18
Aleksandra Aviza	2018	25	Caroline Carr	2017	16
Alena Kimble	2020	28	Caroline Morano	2017	15
Alessandro Rotella	2018	25	Caroline Priest	2018	21
Alex Clifford	2018	5	Caroline Randall	2017	25
Alex Kui	2019	22	Caroline Shannon	2017	25
Alex Taurone	2017	10	Caroline Tibbitts	2017	6
Alexa Eldracher	2017	22	Carolyn Brown	2017	8
Alexander Bonano	2017	9	Cassandra Kobelski	2017	4, 7, & 25
Alexandra Larkin	2018	21	Cassandra Naimie	2017	28
Alicia Perry	2017	9	Catherine Leeber	2019	7 & 25
Alissa Mitchell	2017	11	Charles Schufreider	2017	23
Allison Rancourt	2017	28	Charlie Suse	2017	18
Allison Thiel	2017	21 & 25	Christian Doyle	2017	26
Allyn Waller	2018	10	Christian Hirsch	2017	28
Amanda Bringewatt	2018	25	Christian Ramsoomair	2018	8
Amanda Gibson	2017	26	Christina Dressel	2020	28
Amanda Kondek	2017	8 & 15	Christina Nee	2019	13
Ambra Dhima	2017	6	Christina Yu	2017	21
Ameer Phillips	2017	22	Christine Morrison	2020	28
Anamika Dutta	2020	28	Christopher DeTroia	2018	5
Ana-Sofia Reyes	2017	6	Christopher Goessling	2018	22
Anastasia Philbrook	2017	21	Christopher Janton	2018	5
Andrea Cantalupa	2017	13	Christopher Minter	2017	5 & 17
Andrea Pappey	2017	22	Christopher Saeli, Jr.	2017	22
Andrew Millonig	2017	5	Claude Hanley	2018	13
Andrew Toritto	2020	16	Colleen Frances Naber	2018	25
Andrew Truong	2017	25	Colleen Szytko	2017	11
Andrew Weller	2017	13	Connor Zanini	2017	10
Andrew Wells	2018	21	Cory Scannell	2018	12
Andy Dong	2017	15	Daniel Apadula	2017	11 & 18
Angel Carrillo	2019	4	Daniel Favre	2018	8
Angela Cavanagh	2018	6	Daniel Murphy	2018	25
Anne Thompson	2017	9	Daniel Passarelli	2017	25
Anthony Criscitiello	2017	17 & 19	Daniel Zubizarreta	2017	25
Asmani Adhav	2017	11	Danielle Fitzgerald	2017	5
Audra Kinney	2017	16	Dara Parsons	2019	22
Benjamin Frascarelli	2017	16	David Smith	2018	20, 24, & 27
Benjamin Ghiano	2017	8			
Benjamin Nicholson	2017	17	Deanna Drenga	2017	13

Student Participant Index

NAME	YEAR	PAGE(S)	NAME	YEAR	PAGE(S)
Declan Downey	2017	20, 24, & 27	Isabelle Lambrecht	2019	13
Deirdre Reidy	2018	8	Jacob Applegate	2020	28
Efi Ramirez	2017	10, 20, 24, & 27	Jacob Wronski	2018	20, 24, 25, & 27
Efraín Lozano	2019	4	Jacqueline Bashaw	2017	14, 17, & 23
Elena Ferguson	2017	7 & 15	Jacqueline Galvinhill	2018	28
Elena Wang	2020	28	Jaina Maher	2018	25
Elise Tomasello	2017	16	James Barone	2017	9
Elizabeth Driver	2019	28	James Conor-Recio	2018	5
Elizabeth Hallahan	2020	4	James Dan	2017	16, 18, 20, 24, & 27
Elizabeth Pearce	2017	16	James Dan	2017	18
Elizabeth Scott	2020	18	James Garry	2020	13
Emily Breakell	2017	6 & 9	James O'Connor	2018	25
Emily Iannaconi	2017	13 & 22	Jane McGrail	2017	13 & 23
Emily Krisanda	2017	8	Jason Aldave	2020	22
Emily Kulp	2019	22	Jason Rodriguez	2020	16
Emily Mutkoski	2017	21 & 25	Jason Steranko	2017	23
Emily Perry	2017	17	Jaycob Simsheuser	2018	25
Emily Popp	2017	8 & 15	Jaylene Mata	2020	22
Emily Smith	2017	22	Jeeva Jacob	2017	17
Emily Sullivan	2019	22	Jeffrey Dickinson	2019	12
Emma Garaban	2017	28	Jenifer Kimball	2017	21
Emma O'Connor	2020	22	Jeremy Berry	2017	13 & 28
Emma O'Leary	2018	21	Jessica Davidson	2017	25
Erik Ouellette	2018	5 & 16	Jessica Robey	2018	22
Erin Connolly	2017	13 & 28	Jessica Vozella	2017	6, 16, 20, 24, 27, & 28
Erin Kenning	2017	22	Joanna Aramini	2019	28
Evan Grogan	2017	22	John McKeon	2017	10
Evan Megan	2019	16	John Nilles	2020	18
Evan Stefanini	2017	16	John Silveira	2017	21 & 25
François Venne	2019	28	John Stevens	2020	18
Frank Dwyer	2019	22	Jonathan Chirico	2017	26
Frederick Boehrer	2018	18	Jonathan Thompson	2017	22
Gabriella Atwell-Beaugene	2017	21	Joseph Bierwirth	2018	25
Gabriella Smith	2017	22	Joseph Forlenza	2019	16
Gen Tsudaka	2017	22	Joseph Greaney	2017	25
Glorianna Theodhoraqi	2018	22	Joseph Portch	2019	28
Gordon Farley	2018	5	Joshua Long	2017	8
Greg Violante	2017	9	Joshua Steven DeYoung	2018	25
Gregory Wood	2018	25	Julia Baker	2017	21
Hallei Lopez	2017	21	Julia Jesielowski	2017	18
Hallie Ventling	2018	25	Julia Metzger	2019	13
Hanna Seariac	2020	10	Julia Palmerino	2018	16 & 28
Hannah Miksenas	2020	16	Julia Spiegel	2019	10
Hannah Nguyen	2019	10	Juliana Brandao	2017	25
Hannah Tulinski	2017	10 & 16	Kamela Dino	2018	26
Haylie Butler	2017	25	Karen Xu	2019	28
Henry Dodge	2017	11	Kary Suazo	2017	11
Hildie Hoeschen	2017	7	Kate Goza	2020	28
Holly Nord	2017	20, 22, 24, 25 & 27			
Ian Tamburini	2017	5			

Student Participant Index

NAME	YEAR	PAGE(S)	NAME	YEAR	PAGE(S)
Kate Nicastrì	2017	11	Marygrace Pier	2020	4
Katherine Badenhausen	2019	13	Matthew McIvor	2018	18
Katherine Elacqua	2019	22	Matthew Pinder	2020	22
Katherine Love	2017	21	Matthew Reali	2019	16
Katherine McKernan	2017	21	Matthew Reeves	2017	11
Katie Evans	2017	21 & 25	Maxime Nguyen	2018	26
Katie Santoro	2019	4	Maxwell McKee	2017	15
Katrina Morris	2017	15 & 26	Megan Izzo	2017	13 & 23
Keith Plummer	2017	10 & 18	Meghan Kelly	2017	7 & 25
Keiving Wong	2017	8, 21, & 25	Melissa Connolly	2017	17
Kelley Ann Ferreira	2017	26	Melissa Gryan	2018	12
Kerianne Moran	2018	22	Melody Wauke	2017	13 & 22
Kevin Cogan	2019	28	Mia Yee	2019	26
Kevin Finn	2017	18	Michael Alarie	2017	22
Kevin Hannan	2019	22	Michael Beauchamp	2018	5
Khorally Pierre	2017	25	Michael Carboni	2018	25
Kirsten Gargiulo	2017	22	Michael Ciaramella	2017	11
Kristen Lane	2017	13 & 22	Michael DeSantis	2018	6
Kristina Washer	2017	13	Michael Gibb	2019	28
Kyle Anagnos	2019	22	Michael Kelley	2018	12
Kyle Cunningham	2017	20, 24, & 27	Michael Lewis	2020	22
Kyle Espinola	2017	25	Michael Morigi	2019	20, 24, & 27
Kylie Coffman	2017	15 & 22	Michael Raheb	2020	12
Kylie Kardos	2019	22	Michael Sixsmith	2017	20, 24 & 27
Lauren Casey	2019	28	Michaela Curtin	2019	18
Lauren Riley	2017	19	Michelle Hu	2019	28
Lauren Venesy	2017	19 & 28	Michelle Jin	2017	21
Leela Mennillo	2020	28	Mithra Salmassi	2019	6
Leydi Pliego-Vergara	2020	22	Morgan Wilderman	2018	25
Liam Prendergast	2019	12	Natalia Luna	2020	4
Lillie Reder	2017	21	Natalie Correa	2017	18
Lilly Pearce	2017	26	Nathan Figueroa	2018	25
Luke Miller	2017	23	Nathaniel Chung	2018	25
Luke Reynolds	2018	25	Nicholas Chevalier	2018	5
Luke Thompson	2017	20, 24, & 27	Nicholas Jones	2019	4
Madeline Supple	2017	26	Nicole Bambara	2017	4 & 5
Madison Warwick	2018	22	Noreen Verini	2017	12
Maeve McNamera	2020	28	Olivia Pan	2020	22
Marena Elle Minelli	2017	22	Osiris Garcia	2017	6
Margaret George	2017	18	Patricia Cox	2020	22
Margaret McClellan	2017	25	Patrick Buscone	2017	25 & 26
Mariel Aleman	2017	6	Patrick Connolly	2018	6
Marily González	2017	4 & 25	Patrick Franco	2017	17
Marisa Carlson	2017	9	Patrick Jessop	2020	28
Marissa Bradley	2020	18	Patrick Miller	2018	8
Mary Elizabeth Parslow	2019	18	Patrick Sheehan	2017	22
Mary Kate Vanecko	2017	9 & 23	Paul Endres	2018	5
Mary Welsh	2017	21, 25, & 26	Peter Schiepers	2017	11 & 16
MaryGrace King	2020	28	Phallika Mon	2018	5
			Piotr Broda	2017	6
			Rachel Morasco	2018	22

Student Participant Index

NAME	YEAR	PAGE(S)	NAME	YEAR	PAGE(S)
Raha Maalin	2017	15, 16, & 22	Susannah Huth	2018	8
Rebecca Davies	2017	5	Sydney Grosskopf	2020	28
Reiko Tomizawa	2017	21	Sydney Latour	2017	25
Renata Ndahayo	2017	28	Tae Correia	2017	8
Richard Ciolek	2020	12	Taylor Pels	2018	5
Robert Haemmerle	2017	25	Teddy Chomiak	2018	22
Robert Kosharek	2017	22	Teresa Murphy	2019	28
Robert Legare	2018	25	Tess Shaw	2019	16
Robert Roberge	2018	18	Theresa Gervais	2020	28
Rose Fusco	2017	28	Therese Starshak	2017	17
Rose Grosskopf	2020	28	Thomas Kennedy	2017	15
Ryan DeGraw	2019	18	Thomas MacMullin	2020	16
Ryan Dowd	2019	16	Thomas Martis	2017	9
Ryan Kingsley	2017	17	Thomas Rueter	2017	15
Ryan Wood	2018	21	Thomas Vurno	2017	9
Samuel Habein	2017	6	Timothy Gardner	2017	21
Sara McLean	2017	17	Tina Le	2017	22
Sara Newstein	2017	7 & 17	Tori Blot	2018	26
Sarah Baker	2018	20, 24, & 27	Tyler Ambrose	2017	26
Sarah Gullong	2017	11 & 22	Vanessa Rai	2017	26
Sarah Malala	2018	28	Vasco Chavez-Molina	2018	26
Sarah Vrontas	2019	22	Victoria Mousley	2017	9, 15, 20, 24, & 27
Sean Frebes	2017	6	Victoria Recinos	2018	20, 24, & 27
Sean Kirkpatrick	2017	22	Virginia Peck-Phillips	2017	22
Shane Crowley	2017	12	Wanlin Zhang	2017	5 & 15
Shannon Moran	2020	22	Will Cassels	2018	11
Shayan Zaheer	2018	8	Will Walker	2019	12
Shengyi (Michelle) Hu	2019	28	William Gaudreau	2018	22
Sofia von Fredak	2019	28	William Massey	2018	8
Stephanie Neville	2017	10	William McCue	2017	25
Stephen Ross	2019	28	William Peters	2017	15 & 22
Stephen Silvestri	2019	28	Xenyi Zeng	2017	13
Steven Paganelli	2019	12	Ying Hong	2019	28
Suhasini Aravinthan	2018	5	Yun Hu	2018	5
Suji Yi	2017	20, 24, & 27	Zachary Sowerby	2019	13