

2026

THE CHARLES PROTEUS
**STEINMETZ
SYMPOSIUM**

UNION COLLEGE
MAY 8, 2026

UNION
COLLEGE
FOUNDED 1795

AN INTERDISCIPLINARY TRADITION **AND** A CELEBRATION

**AT UNION, YOU DON'T HAVE TO
PICK ONE THING TO BE.**

YOU CAN BE A UNION OF EVERYTHING THAT MAKES YOU, YOU.

UNDERGRADUATE RESEARCH AT UNION

Working closely with their professors—in classrooms, labs, studios, archives and in the field—Union students delve into topics that inspire and challenge them intellectually and creatively.

For one day each spring, the College suspends classes so that students can share their academic and creative interests and talents in the Steinmetz Symposium: a campus-wide celebration with peers, professors and families. Held annually since 1991, the symposium features an extensive array of oral presentations, posters, performances and exhibits. The day is part of Union's Recognition Weekend, which includes Prize Day on Saturday, a tribute to student achievement in all fields.

The Steinmetz Symposium celebrates a culture of personal discovery that integrates coursework, faculty mentorship and peer collaboration to deepen students' understanding of subject and self.



**"BY DEALING EXCLUSIVELY WITH EMPIRICAL SCIENCE
AND ITS APPLICATIONS, THE ENGINEER IS LED TO FORGET,
OR NEVER TO REALIZE, THAT THERE ARE OTHER BRANCHES
OF HUMAN THOUGHT EQUALLY IMPORTANT AS FACTORS
IN EDUCATION AND INTELLECTUAL DEVELOPMENT."**

—CHARLES PROTEUS STEINMETZ

The Steinmetz Symposium is named for one of the College's most renowned faculty members, Charles Proteus Steinmetz (1865-1923), who taught electrical engineering and applied physics. Also a chief engineer for General Electric Co., he was widely regarded as America's leading electrical engineer and, after Thomas Edison, perhaps the most recognized name in the field.

Among his many contributions, Steinmetz fostered the development of alternating current, which made possible the expansion of the nation's electric power industry.

A 1914 "Duplex Drive Brougham" Detroit Electric automobile that belonged to Steinmetz is on permanent display in the first-floor corridor between the Wold and Olin buildings. Steinmetz and Thomas Edison are memorialized in statues along Schenectady's Erie Boulevard.



WELCOME



2026

FROM PRESIDENT ELIZABETH KISS

Welcome to the 2026 Steinmetz Symposium - our 36th annual Steinmetz Day at Union College!

Of all the wonderful traditions at Union, Steinmetz Day is probably the one I have been looking forward to the most in my first year. It is so quintessentially Union for us to gather as a community to showcase and celebrate student intellectual and creative work across disciplines. Congratulations to all our speakers, presenters, and performers!

Union has been a pioneer in many ways throughout our 231-year history, and the establishment of Steinmetz Day in 1991 demonstrates that we were trailblazers in supporting undergraduate research. Moving from student to budding scholar is one of the most powerful pivots someone can make during their college journey, and it is exhilarating to watch Union students pursue their curiosity, create new knowledge, and move, literally or figuratively, from learning dance moves to choreographing them.

Steinmetz Day is made possible by Union's dedicated faculty and staff who devote countless hours to mentoring students. We are especially grateful to the 2026 Steinmetz Organizing Committee and to our Steinmetz Day lead organizers, Director of Undergraduate Research and Associate Professor of Computer Science Matt Anderson and Assistant to the Dean of Studies Ruth Cotter.

I want to give a special shout-out this year to Leah Rosen and Emily Brown of our Communications and Marketing team, who have saved the College funds and done us a great service by printing this program, and all the Steinmetz Day posters, in-house; and to Schaffer Library for hosting all our poster presentations, enabling us to showcase the great diversity of research at Union. Many thanks to all these generous colleagues!

I hope you can join us for Prize Day in Memorial Chapel on Saturday, May 9 at 1 p.m., when we will recognize students for scholarly excellence and leadership.

Warmly,

Elizabeth

SCHEDULE OF EVENTS

Friday, May 8, 2026 | Steinmetz Symposium

Time	Event	Location	Page
8:30 AM - 10:10 AM	Session I: Concurrent Presentations	Various Locations	1
10:20 AM - 11:20 AM	Session II: Concurrent Presentations	Various Locations	3
11:30 AM - 12:30 PM	Chamber Music Showcase	Emerson Auditorium, Taylor Music Center	5
11:30 AM - 12:30 PM	Templeton Institute Special Session	Olin 115	6
12:30 PM - 1:50 PM	Interdisciplinary Poster Session	Schaffer Library, 1st & 2nd Floors	7
1:50 PM - 3:30 PM	Session III: Concurrent Presentations	Various Locations	11
1:50 PM - 3:30 PM	Sigma Xi Award Nominees Session	Olin 115	12
3:40 PM - 5:20 PM	Session IV: Concurrent Presentations	Various Locations	13
4:00 PM - 5:00 PM	2026 Lothridge Festival of Dance	Nott Memorial	15
7:00 PM - 9:00 PM	2026 Spring Concert	Memorial Chapel	17

Saturday, May 9, 2026 | Prize Day

Time	Event	Location	Page
11:00 AM	Jazz Ensemble Steinmetz Concert	Emerson Auditorium, Taylor Music Center	18
1:00 PM - 3:00 PM	Presentation of Prizes and Recognition	Memorial Chapel	N/A

Friday, May 8 through Sunday, May 10, 2026

Time	Event	Location	Page
9:00 AM - 5:00 PM	Visual Arts Exhibition	Crowell and West Galleries, Feigenbaum Center for the Visual Arts	19

Open Hours

Location	Friday	Saturday	Sunday
Bookstore	8:45 AM - 5:00 PM	10:00 AM - 3:00 PM	Closed
Schaffer Library	8:00 AM - Midnight	10:00 AM - Midnight	10:00 AM - 2:00 AM
Nott Memorial	10:00 AM - 6:00 PM	10:00 AM - 6:00 PM	10:00 AM - 6:00 PM

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Session	Time	Location	Page
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Astronomy	10:20 AM - 11:20 AM	ISEC 120	3
Biochemistry & Chemical Biology	8:30 AM - 10:10 AM	Wold 225	1
Biology I	8:30 AM - 10:10 AM	ISEC 387	1
Biology II	10:20 AM - 11:20 AM	ISEC 222	3
Biomedical Engineering	8:30 AM - 10:10 AM	ISEC 222	1
Chemistry	1:50 PM - 3:30 PM	ISEC 222	11
Classics I	8:30 AM - 10:10 AM	Karp 005	1
Classics II	1:50 PM - 3:30 PM	Karp 005	11
Community Healthcare	10:20 AM - 11:20 AM	Bailey 312	3
Economics I	10:20 AM - 11:20 AM	Lippman 101	3
Economics II	1:50 PM - 3:30 PM	Lippman 101	11
Electrical & Computer Engineering I	10:20 AM - 11:20 AM	ISEC 124	3
Electrical & Computer Engineering II	1:50 PM - 3:30 PM	ISEC 124	11
Endocrinology	1:50 PM - 3:30 PM	Wold 128	11
English I	8:30 AM - 10:10 AM	Karp 105	1
English II	1:50 PM - 3:30 PM	Karp 105	11
Environmental Policy	10:20 AM - 11:20 AM	Wold 128	3
Film	10:20 AM - 11:20 AM	Reamer Auditorium	3
French and Francophone Studies	10:20 AM - 11:20 AM	Karp 005	3
Freshwater Ecosystems	10:20 AM - 11:20 AM	ISEC 387	3
Geoscience I	8:30 AM - 10:10 AM	Olin 306	2
Geoscience II	1:50 PM - 3:30 PM	Olin 306	12
Geoscience III	3:40 PM - 5:20 PM	Olin 306	13
History	3:40 PM - 5:20 PM	Lippman 017	13
Klemm Fellows I	1:50 PM - 3:30 PM	Karp 008	12
Klemm Fellows II	3:40 PM - 5:20 PM	Karp 008	13
Mathematics	3:40 PM - 5:20 PM	Bailey 207	13
Mechanical Engineering I	1:50 PM - 3:30 PM	Wold 225	12
Mechanical Engineering II	3:40 PM - 5:20 PM	Wold 225	13
Nanotechnology	3:40 PM - 5:20 PM	ISEC 222	13
Narrative Arts and the Paradox of Representational Expectations	10:20 AM - 11:20 AM	Karp 008	4
Neuroscience I	8:30 AM - 10:10 AM	Bailey 207	2
Neuroscience II	3:40 PM - 5:20 PM	Wold 128	14
Physics	8:30 AM - 10:10 AM	ISEC 120	2
Political Science I	8:30 AM - 10:10 AM	Lippman 016	2
Political Science II	10:20 AM - 11:20 AM	Lippman 017	4
Political Science III	3:40 PM - 5:20 PM	Lippman 101	14
Political Science IV	1:50 PM - 3:30 PM	Lippman 016	12
Political Science V	3:40 PM - 5:20 PM	Lippman 016	14
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Sigma Xi Award Nominees	1:50 PM - 3:30 PM	Olin 115	12
Sociology	10:20 AM - 11:20 AM	Karp 105	4
Spanish Roundtable	8:30 AM - 10:10 AM	Karp 008	2
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SESSION I

Concurrent Presentations

8:30 AM – 10:10 AM

Aerogels

Wold 128

Moderator: Mary Carroll

8:30 AM / Georgia Pool

Graphene Aerogels for Sustainable Environmental Solutions

8:50 AM / Nicholas Gellrich

Design of an Additive Manufacturing Machine for Aerogels

9:10 AM / Audra McFarland

Additive Manufacturing of Silica Aerogels: Ink Characterization and Process Optimization

9:30 AM / Abigail Ramsey

Minimizing Aviation Ice Adhesion with Hydrophobic Aerogel Surfaces

9:50 AM / Zachary Kalb

An Affordable Haze Meter for Characterizing Aerogel Clarity

Biochemistry & Chemical Biology

Wold 225

Moderator: Kristin Fox

8:30 AM / Adithi Chellappan

Assessing ScMCA-1a Metacaspase Proteolytic Inhibition by Zinc and Arginine-based Compounds

8:50 AM / Mehir Badlani

Investigating The Role of Ions in Schizophyllum Commune Type-1a Metacaspases

9:10 AM / Elma Dema

Investigation of S. commune Type-1a Metacaspase Proteolysis Using LC-MS and Mutagenesis

9:30 AM / Erik Roberts

Exploring the synthetic scope of Schizophyllum commune metacaspase I inhibitors

Biology I

ISEC 387

Moderator: Stephen Horton

8:30 AM / Maya Mitra

Testing Depletion of RNF213 in Endothelial Cells To Reduce Lipotoxicity

8:50 AM / Dana Aument

Investigation of DRD4 VNTR Polymorphisms and ADHD-Related Traits in Humans

9:10 AM / Mridula Shanker

Investigating the Molecular Mechanism of DS16570511 in Endothelial Fatty Acid Uptake

9:30 AM / Marissa Gnitczavich

Rescuing the Enemy: The Reversibility of Programmed Cell Death in Jurkat Leukemic T Cells

9:50 AM / Adam Hecker

Borrelia burgdorferi antigens linked fusion proteins for use in an outer membrane vesicle based Lyme disease vaccine

Biomedical Engineering

ISEC 222

Moderator: Stephanie Curley

8:30 AM / Elizabeth Bias

Analysis of Various Fusion Protein Compositions in an Outer Membrane Vesicle-based Lyme Disease Vaccine

8:50 AM / Araya Cserepy

Mapping the Gut-Liver-Brain Axis: A Machine Learning Approach to Staging Mild Cognitive Impairment

9:10 AM / Ashley Moore, Katharine Bruun

A Biomechanical Analysis of the iWALK Hands-Free Crutch on Upper Leg Musculature: Modeling Muscle Activation in Above-the-Knee Amputees

Classics I

Karp 005

Moderator: Hans-Friedrich Mueller

8:30 AM / Cora Bessette

Thriving Thespiai (or Not): Tracing the Survival of the Sanctuary of the Muses through the Hellenistic Gap

8:50 AM / Claire DerKazarian

War Wounds and Arena Injuries: Surgical Adaptation in Human and Veterinary Medicine in Imperial Rome

9:10 AM / Jackson Klein

Hero Cults of Ancient Greece and Today

9:30 AM / Allison Shelley

“Bedmates”: A Case Study of Terms Applied to Wives and Enslaved Women in Homeric Epic

9:50 AM / Armaan Uppal

Reconstructing the Lost Recipe of Greek Fire: Byzantine Warfare and Experimental Chemistry

English I

Karp 105

Moderator: Jenelle Troxell

8:30 AM / Daniel Bulezta

Ireland Through A Window: My Mother's Youth and an Evolving Nation

8:50 AM / Amelia Keese

Navigating In-Betweens: Close- and Distant Reading in the Digital

9:10 AM / Emely Montes

filia Dei: the intersectionality of a daughter of God

9:30 AM / Cassandra DeGeorge

“I Am Not That I Play:” A Critical Analysis of Drag and Shakespeare

9:50 AM / Amelia Davis

The Written Woman: How women used authorship in the 20th century to expose and conceal

Geoscience I

Olin 306

Moderator: Mason Stahl

8:30 AM / Amelia Casassa

Influence of Environmental Controls on Rice Grain Arsenic Concentrations in Cambodia: Insights from Soil Spectroscopy

8:50 AM / Andrea Olanescu

Coral Geochemistry Tracks Spatial Evolution of Surface Water in the Red Sea

9:10 AM / Zainab Al-Abbasi

Atmospheric diagnostics investigate turbulence processes behind 21 May 2024 SQ321 severe turbulence event

9:30 AM / Sophia Rodriguez

Speleothem Isotope Records and Precipitation Dynamics in the Peruvian Andes

9:50 AM / Zachary Dickinson

Spatial and temporal variation in tap water quality across Phnom Penh, Cambodia

Neuroscience I

Bailey 207

Moderator: Cay Anderson-Hanley

8:30 AM / Ruby Phillips-Levin

Studying the Effects of Exergaming on Biomarkers Related to Mild Cognitive Impairment and Parkinson's Disease.

8:50 AM / Sophie Brady

Cognitive Function among Older Adults: Exploring the Role of Stress and Inflammatory Biomarker C-Reactive Protein (CRP)

9:10 AM / Samantha Corman

Cognition, Gut-Brain Biomarkers, and Nutrition among those with Alzheimer's and Parkinson's Disease

9:30 AM / Sara Harrow

Event Related Potential of Skill Learning in Unimpaired Participants: Replication and Extension of Findings

9:50 AM / Anna Zusi

A Frequency-Domain Analysis of Skill Learning in Unimpaired Participants: Replication and Extension of Findings

Physics

ISEC 120

Moderator: Chad Orzel

8:30 AM / Ahdaf Zaman

Quantification and Modeling of Capsid Electrostatics for DNA Packaging

8:50 AM / Nabeel Naqvi

A String-theoretic model for Strong Interactions

9:10 AM / Nolan Blake

Exploration of Coordinates on a D-Brane Configuration through Induced Metrics and Action Principles

9:30 AM / Alex Roginski

Eurocentricity is the Achilles Heel of Acoustics: An Acoustical Comparison of Performance Spaces at Union College

Political Science I

Lippman 016

Moderator: Bradley Hays

8:30 AM / Eleanor Peterson

The Unitary Executive Theory Realized: The Office of Legal Counsel on Privilege, Removal, and National Security

8:50 AM / Guy Bellingrath

Whereto After Woke Identitarianism: Hyperobjectivity, Neoliberalism, and Rhizomatic Universalism

9:10 AM / Sydney Alphabet

The National Mind: Political Authority, Collective Identity, and the Enduring Psychology of Nationalism

9:30 AM / Esther Lee

How to Assess Responsibility?: Analysis of Argentina's Progressive Legal Trials, Human Rights Advocacy, and Global Rights Innovation in Response to the 1976-1983 Military Dictatorship

Psychology I

Bailey 312

Moderator: George Bizer

8:30 AM / Marcus Brem

Investigating the effects of length of teacher feedback on student effort and performance

8:50 AM / Elizabeth Paykuss

Girl Math: How Internet Trends Influence Perceptions of Financial Decision-Making

9:10 AM / Alanna Byrne

Translating Japanese Onomatopoeia for English Manga: A Cognitive Cross-linguistic Comparison of Sound Symbolism Transferability

9:30 AM / Talia Gitlin

Politics Makes (Liberals) Puritans! Moral Judgments in Political and Personal Domains

9:50 AM / Daniel Haramis

Social Exclusion, Loneliness, and State Body Image: Evidence from the Cyberball Paradigm

Spanish Roundtable

Karp 008

Moderator: Silvina Yi

8:30 AM / Meyri De Leon

La odisea de Reyna

8:30 AM / Elizabeth Cardenas

El chef güero de Guerrero (The White Chef from Guerrero)

8:30 AM / Stephanie Martinez

The Journey of Identity

8:30 AM / Sophia Habler

Florencia: La ciudad para todos

8:30 AM / Nashalyn Rubert

El movimiento de mi personalidad

8:30 AM / Gisell Rodriguez Garcia

La mariposa que estoy aprendiendo a ser

SESSION II

Concurrent Presentations

10:20 AM – 11:20 AM

Astronomy

ISEC 120

Moderator: Scott Suriano

10:20 AM / Glauk Hizmo

Extracting the Geometry of Pulsar Beams

10:40 AM / Dimitrios Vasileios Zora

Magnetic Reconnection as a Mechanism for Ring Formation in Protoplanetary Disks

11:00 AM / Gavin Wright

Solar HXR Microflare Energetics

Biology II

ISEC 222

Moderator: Sarah Gardner

10:20 AM / Kristina Yuan

Characterizing the Tri-hybridization of the *Drosophila athabasca* species complex

10:40 AM / Marissa Burstein

Quantifying Reproductive and Environmental Stress in *Peromyscus leucopus* using Corticosterone Assays

11:00 AM / Maya Corridore, Maryann Fuentes

The spider hunger games: How hunger level affects escape performance in wolf spiders

Community Healthcare

Bailey 312

Moderator: Carol Weisse

10:20 AM / Hannah Kimball

Use of Tableau for visualizing caregivers' administration of comfort medications when managing hyperactive delirium during hospice patients' last week of life

10:40 AM / Rosemary Crooker

Supporting Prenatal Health Through Accessible Patient Education

11:00 AM / Mridula Shanker

Development of an End-of-Life Aligned Symptom Expression Lexicon (EASEL) for Natural Language Processing in Hospice Care

Economics I

Lippman 101

Moderator: Steve Schmidt

10:20 AM / Robert Theodore Goldman

Small Fixtures, Big Savings: The Economics of Efficient Showerheads

10:40 AM / Mehir Badlani

Estimating the Impact of English Language Proficiency on Immigrant Health Care Utilization

11:00 AM / Noah Scopteuolo-Rosen

Earned vs. Given: Does Earning Your Money Make You Less Trusting?

Electrical & Computer Engineering I

ISEC 124

Moderator: Moriom Momota

10:20 AM / Rebecca Perkins

The WellnessWatch: A Wearable Device Combining Environmental Sensing and Fall Detection

10:40 AM / Samantha Scanlon

FluoroFlo: A Semi-Autonomous System for Detecting Optical Brighteners in Urban Streams

11:00 AM / Abigail Michalek

Rooted: A Socially Engaged Gamified Mobile App for Mitigating Plant Blindness

Environmental Policy

Wold 128

Moderator: Salil Benegal

10:20 AM / Sasha Malik

Conditions for Consensus: State Receptivity and the Adoption of New York's 2017 Energy Storage Goal

10:40 AM / Michael McCauley

Reevaluating Nuclear Regulations in the United States

Film

Reamer Auditorium

Moderator: Brittney Belz

10:20 AM / Annabel Dobash

Environmental Filmmaking for Scientific Literacy: Documenting Education and Stewardship at Hillside Farms

10:40 AM / Benjamin Stern

Space Cadet

11:00 AM / Melanie De La Cruz

At War with our Future - Arts Education as our Strongest Tool

French and Francophone Studies

Karp 005

Moderator: Cheikh Ndiaye

10:20 AM / Jasmine Lowney

Le désir comme autodestruction : l'impact du désir féminin chez Marguerite Duras et Marie Darrieussecq

10:40 AM / Christina Rallis

Ascension sociale et impossibilité de réécrire l'identité dans Valeurs Faciales

11:00 AM / Aldo Leal

Queer and Sinthome: Psychoanalytic moralization and the illegitimate processes to surveillance the Other

Freshwater Ecosystems

ISEC 387

Moderator: Melissa DeSiervo

10:20 AM / Sydney Widlitz

The Impacts of Human-Induced Pollution on Stream Health Along the Mohawk Watershed

10:40 AM / Ava DuBoff

Exploring the Use of E. scirpoides in a Constructed Wetland for Remediation of Aqueous Heavy Metal Pollution

Narrative Arts and the Paradox of Representational Expectations

Karp 008

Moderator: Katherine Lynes

10:20 AM / Tyler Marino

Bee Conservation in Literature: Representations of Stressors to Bees and Their Solutions in Creative Books and Beekeeping Guides

10:40 AM / Angelica Mosher

The Role of East German Women through the Lens of film

11:00 AM / Ali Hamza

Waves of Ottoman Influence: the Colonies that Never Were

Political Science II

Lippman 017

Moderator: Zoe Oxley

10:20 AM / Melina McGovern

Urban Renewal: Housing Redevelopment in Schenectady

10:40 AM / Adriana Rittgers

Pulling Back The Curtain: Generational Differences Among Gender Gaps In American Public Opinion

11:00 AM / Mia Raiti

“We Need to Talk...”: How Democrats Lost the Working Class and How They Might Find Their Way Back

Psychology III

Bailey 207

Moderator: Catherine Walker

10:20 AM / Sophia Habler

Santa and God: How Children Conceptualize Different Supernatural Entities

10:40 AM / Maggie Weinstein

The Relationship Between Cannabis Use and Common Mental Disorder Symptoms, and Its Impact on the Likelihood of Seeking Evidence-Based Treatment

11:00 AM / Samuel Flynn

Excitement or Calmness: The Effect of Reappraising Anxiety on Athletic Performance

11:20 AM / Mai Tran

Chatbot Usage May Increase Help-Seeking and Internet Addiction May Affect Perceived Emotional Support

11:40 AM / Zoe Amram

Cross-Validation Assessment Measuring Hair and Skin Tone Satisfaction Among Minority Groups

Sociology

Karp 105

Moderator: Deidre Hill Butler

10:20 AM / Alexandra Danieli

A Critical Assessment of The Juvenile Justice System Through Psychological, Sociological, And Philosophical Lenses

10:40 AM / Eleanor Wintringer

Barriers and Bridges: Mental Health Access for Low-Income Latino Men in the U.S

11:00 AM / Wellington Matos

Crimmigration and Immigrant Socialization: How Policing Shapes Perceptions of Belonging, Citizenship, and the American Dream

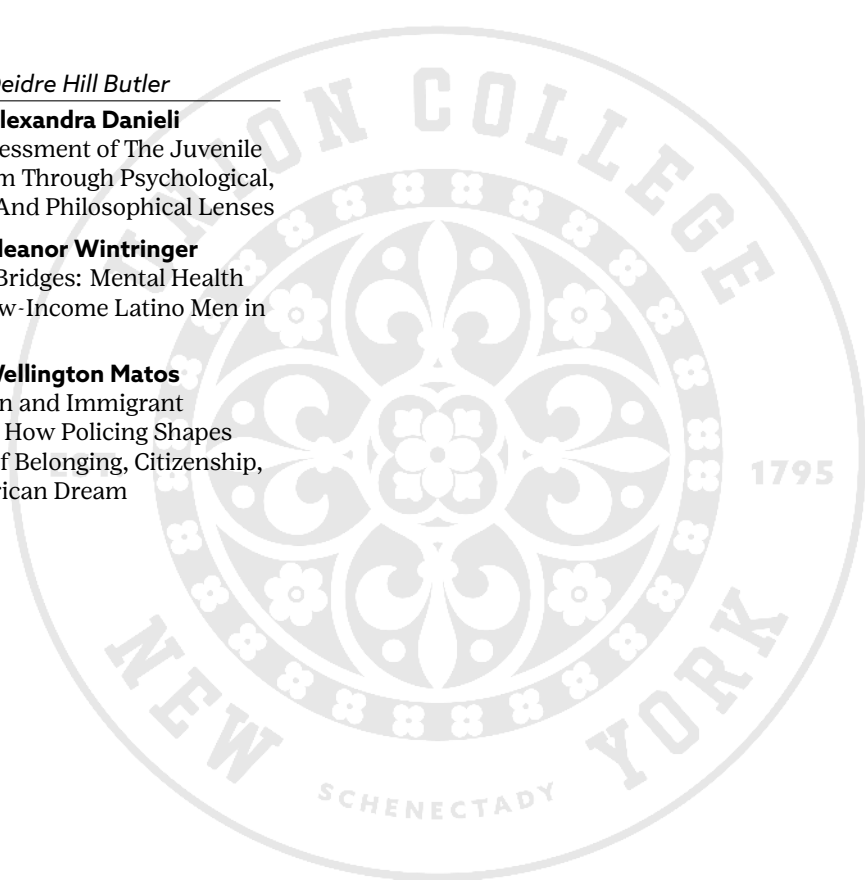
Theatre

Yulman Theater

Moderator: Andrew Bodd

10:20 AM / Jerome Anderson, Alexandra Knowles

Making Stairs: The Building Process of Functional Theatrical Staircases



CHAMBER MUSIC SHOWCASE

Emerson Auditorium, Taylor Music Center

Friday, May 8, 2026, 11:30 AM - 12:30 PM • Professor Jennifer Milioto Matsue

Students will be performing live pieces or sharing digital recordings that they practiced and prepared as part of their academic pursuit of music.

Cabaret

Maren Krasner '28

Digital Composition

Cole Pierson '27

UC Early Music Ensemble

Kristina Yuan '26, *violin*

Mukundan Thanigaivelan '27, *violin*

Benjamin Visconti '28, *cello*

Torsten Fras '29, *harpsichord*

Alex Overholt '26, *harpsichord*

History of Rock and Roll

Stell Foster '27, *voice*

Sedona '27, *guitar*

Patrik O'Brien '27, *bass*

Sam Granger '26, *drums*

UC Jazz Ensemble

Angelina Martinelli '28, *alto sax*

Zion Schluskel '28, *piano*

Grace Schultz '28, *drumset*

Strahlia Durr '28, *vocals*

Projects and Composition

Joseph Ragan '26

Zakuro-Daiko

The UC Japanese Drumming and Global Fusion Band

Kira Streichert '26, *dancer*

Pic Kerins '28, *flute*

Naomi Taylor '27, *flute*

Minkyu Kim '28, *cello*

Carter Curry '26, *percussion*



TEMPLETON INSTITUTE SPECIAL SESSION

Olin 115

Friday, May 8, 2026, 11:30 AM - 12:30 PM • Vauhini Vara

The Powers of Interdisciplinary Undergraduate Research: Textual Technologies

The aim of this session is to showcase the values and benefits of cross-disciplinary research in undergraduate education at the intersection of literary studies, Digital Humanities, and Computer Science. We will explore this topic in the context of Union's liberal arts model of education, which emphasizes the technical aspects and humanist aspects of interdisciplinarity in equal measure. We will hear student perspectives on issues such as literature's contemporary interface with digital studies and investigations of Generative Artificial Intelligence through up-to-date methods in Human-Computer Interaction.

The participants have been selected by the Co-Directors of the Templeton Institute to showcase diverse views on interdisciplinary student research at the College. This event brings together short (fifteen-minute) talks on these topics, with a discussion among panelists and with the audience.

This special session will be introduced and moderated by our Steinmetz Day guest, Vauhini Vara, an award-winning author, journalist for *The Atlantic*, *The Wall Street Journal*, and *The New Yorker*, and finalist for the 2023 Pulitzer Prize for Fiction.

All are welcome to attend and join the conversation.

Program

Vauhini Vara, Panel Chair and Moderator

Introduction

Amelia Keese

Exploring Literary Analysis in a Digital Age: Close and Distant Reading with Voyant Tools

Shriya Biswas

What Makes Text Feel Human?: Exploring the Cues of AI Content Recognition



INTERDISCIPLINARY POSTER SESSION

Schaffer Library, 1st & 2nd Floors

Friday, May 8, 2026, 12:30 PM - 1:50 PM

Abigail Bowman

Comparative Biological Reactivity of a Set of Mononuclear Copper(II) Complexes

Adrian Lizardo

Time-Dependent Packing Density of ODT on Gold Nanoparticles: A TGA-FTIR Analysis for Peptoid Nanosheet Assembly

Affan Warraich

Public R&D and Productivity Growth: Evidence from Cross-Sector Panel Data

Aleena Kuriakose

A Qualitative Exploration of AYA Cancer Survivors' Stressors, Stress Management, and Mindfulness Experiences

Aleena Kuriakose

Factors Contributing to Sleep Disparities among Asian Americans: An Ecological Review

Alex Mousa

Constructing the Third Rome: Classical Antiquity and Fascist Ideology in the Mosaics of the Piazzale dell'Impero

Alexander Ramos-Rodriguez

Wireless Robotics Charger & Monitoring System

Alissa Tsay

Designing an Digital Mirror with a Computationally Modified Body Image for Body Image Intervention

Alkis Skemperis

Sanctions and Authoritarian Durability: Lessons from Apartheid South Africa

Alli Smith

The Use of Technology in Holocaust Museums

Allyson Bennett

The Relationship Between State Taxes and State Economic Growth

Amelia Lettre

Meteorite Collection Mechanism for Autonomous Antarctic Robot

Angela Sosa

Who Do Consumers Trust More, the Athlete or the Influencer? The Impact of Disclosure and Credibility on Brand Attitudes

Angelo Burzesi

Increasing Privacy Awareness of Terms and Conditions of a Service

Anh Nguyen

Rest In Paws: Mental Health Support Virtual Companion With Mirrored Real Life Pet

Anna Yam

Children's judgments of others' beliefs in invisible entities

Aren Cummings

Racial Animus and the Racial Gap in Subprime Lending During the Great Recession

Armaan Uppal

ZnS-Based Quantum Dots: Synthetic Adventures and Heavy Metal Applications

Ashlesha Bhagat

Context Sensitive Selective Undo Model: Understanding Mental Models for Undo

Avital Nozic, Skyler Hirsch

From Sunscreen to Skin: Investigating Avobenzone Permeation Using Synthetic Skin Models

Baovy Phan

Is Prevention Better than Cure? Health Expenditure and Convergence in OECD Countries

Ben Pistiner

The impact of family background on perception of relative income

Benjamin McGarry, Victoria Sargent

Creating a Baseline for Dynamic Movement Involving the Carpometacarpal Joint Through Surface Electromyography

Benjamin Visconti

Using Olivine Diffusion Chronometry Analysis to Determine the Eruptive History of Rangitoto

Brandon Buhr

The Effects of Travel, Time Zones, and Game Start Times on Team Performance in the National Football League

Brandon Mori

Wearable Air Quality Monitor

INTERDISCIPLINARY POSTER SESSION

12:30 PM - 1:50 PM

Brian Breslow

Trade Diversion from U.S. China Tariffs: Did U.S. Section 301 tariffs on China increase U.S. imports of tariffed products from Latin American countries?

Brian Breslow

Non-Chemical Energy Storage Systems

Britannae Williams

Do financial aid, endowment and discount rates offset the effects of affirmative action for black students at public, private and liberal arts colleges?

Camille Da Silva

Coastal Protections, Hurricanes, and Tourism

Carter Curry

The Road to Nowhere: The Unrealised Promises of The BRI in East & Southeast Asia

Ceci Snyder

Mineral Chemistry Evidence for Open-System Magma Evolution in Northern Dominica

Chemsi Lahlou

The Deployment of Tidal Stream Energy in the UK

Cheyne Fusco

ICE Melts Under Resistance

Christina Rallis

Air Pollution and Road Safety: Investigating the Impact of PM_{2.5} on Traffic Accidents in the United States

Collin Harrington

Distribution of Automatic Landmark Placement for Speech

Daniel White

Economic Policy Uncertainty and Corporate Cash Hoarding: A Threshold Analysis of U.S. State-Level Data

Danielle Brown

Routes of Inequality: Highways Infrastructure in Conjunction with Black Activism on the Racial Wealth Gap in Chicago

David Seiche

Machine Learning Driven Large Eddy Simulation for 2D Turbulence

Dmitri Wild-Arons

Synthesis of Piperonaline: A Catalytic Wittig Approach

Eduardo Castro

Effects of heating on turbulent flow behavior over rough surfaces

Eleanor El Maayergi

Port Cities: Comparative Histories of Penang and Manila in Colonial Southeast Asia

Elena Leslie

Restoration of a Zuckermann Harpsichord

Eli Gow

Three Axis Positioning System for an Autonomous Antarctic Meteorite Collection Robot

Elizabeth Cramer

“Boys Will Be Boys”: The Delayed Onset of ADHD Diagnoses For Women

Erik Lin

Consumer Behavior and Inflation Expectations

Erika Rose Canaveral

Efficiency in Protein Expression with Gibson Assembly in Metacaspases

Erika Skobel

Pulsed Multi-Color Laser Using Nonlinear Fiber Optics

Ewan Pavoni, Erik Roberts, Vasilisa Palkova

Synthesis and bioassay evaluation of arginine-derived metacaspase inhibitors targeting *Schizophyllum commune*

Fatima Nasir

Attachment Style and the Retrieval of Emotional Memories

Gavin Sandberg

Computational investigation into the reaction pathways between propargyl and nitrogen dioxide radicals

Grady Bosanko, Weiheng He

USB Steering Wheel Controller for Simulator Software

Gwyneth Connor

The Role of Local News: An Analysis Across Multiple Perspectives

Helen Shen

Time-dependent endogenous Angptl-7 expression in a 4T1 TNBC model

Jacob Hernandez

Co-Designing an Ice-Breaker Game to Improve Socialization Experiences for Users with Autism Spectrum Disorder

Jacqueline Brienza

Synthesis and Characterization of Cobalt Metallo-Chemotherapeutics with Thiazole-Containing Ligands

Jasmin Kainth

Improving Medication Adherence in Ulcerative Colitis: Challenges and Strategies

Jasmine Lowney, William Perkins, Labiba Hussain

Perceived Parental Conflict as a Predictor of Relationship Conflict Narratives

Jerome Anderson

Mental Health Effects of Performing Gender in Theatre and Dance

Jessica Konsky

Gender Differences in Individualistic and Collectivistic Self-Schema Among Union College Students

INTERDISCIPLINARY POSTER SESSION

12:30 PM - 1:50 PM

John Fates

Exploring Tensegrity as a Structural Strategy for a Usable Bench

Joseph Cerulli

POE Cue Light System

Katherine Loughney, Ashley Pablo Trujillo

Identification of CSF-based molecules predictive of changes related to early cognitive impairment

Kathryn Dicus

Survey of Current Coral Reef Restorative Methods on the Great Barrier Reef

Khadija Amir

Understanding the role of sexual selection in speciation by studying the secondary sexual traits of the *Drosophila melanogaster* species

Kshitij Agarwal

Unemployment and the Vote: Economic Accountability in U.S. Gubernatorial Elections

Labiba Hussain

Relationship Standards and Relationship Satisfaction

Laura Fradkin

Sequence of Reduction and Cycloaddition Laboratories for Understanding Stereochemistry and Thermodynamics in Organic Chemistry II

Lilly Marletta

MyManchester: An iOS Application for Building Community in a Small Town

Lucas Montalto

Bloomberg PORT: Analyzing Union College's Student Investment Fund

Luke Santa Clara Munro

Designing a Visualization to Facilitate Discussion Between Opposing Views

Marion Stuntz

Examining the Differences Between Baseline and Change in Stress-Induced Cortisol Levels between Division I and Division III Female Athletes at Union College

Matthew Como

Generating Real Retirement Income: comparing SPIA, DIA, FIA with GLWB and TIPS

Maya Mitra

Testing Depletion of RNF213 in Endothelial Cells To Reduce Lipotoxicity

Micaela Magno

Improvements to Diminish Wave Reflection in Simulation of Quantum Tunneling

Michael Fitzmaurice

Bike GPS System

Minh Phuc Nguyen

Improving Simplifiable SUSP Simplify Algorithms In CUDA

Mirco Coca Soriano

Does machismo cause femicide?: A Cross-Cultural Examination of Latin American and U.S. Femicide Trends

Molly Boyer, Reese Fendeleit

GLP-1 Drugs & Muscle Performance

Molly Fry, Eva Pineda

Determining Proteomic Changes Related to Alzheimer's Disease and Circadian Disruption

Mukundan Thanigaivelan

Data-Driven Space Planning: Using Python to Analyze Collection Growth Through LC Classification

Mustarshid Choudhary

Gendered Return to Mobility: Evidence from Internal Migration in the PSID(2015-2023)

Nathaniel Bott

Analyzing Ten Color Photometry Light Curves for Eight Planet Candidates

Nicholas Dutkewych

Social Media and Muscle Dysmorphia in the Male Gym Going Population

Nicholas Gestring

Rotational Spectroscopy and Structural Characterization of 2-Methoxyfuran

Niha Das

A Hunt for Intermediate Mass Black Holes in Low Mass and Low Metallicity Galaxies in SDSS-IV/eBOSS

Noah Rivet

Design of Antarctic Meteorite Collection Rover Drivetrain and Chassis

Nolan Kelley

Redesigning a Would You Rather Game to Better Facilitate Social Connections in Public Spaces

Oliver D'Anna, Ryan Gilman, Elsie Paxton, Elaine Batts, Cole Randall, Katerina Kostova, Joseph Landry, Leo Pratt-Thomas

Union Baja SAE 2026 Vehicle Design

Oliver D'Anna

Tunable Auxetic Response of Wrinkled Graphene Oxide Sheets: Linking Wrinkle Orientation to Poisson's Ratio

Olivia Bottomley

Smart Pet Health Monitoring System

Papa Ndiaye

Automating Corner Kick Decisions in Soccer

Paul Clement

A Photovoltaic-Powered Density-Driven System for Solar Water Pasteurization

INTERDISCIPLINARY POSTER SESSION

12:30 PM - 1:50 PM

Pic Kerins

Creating an Accessible Sex Ed Resource Catered Towards Consensual Non-Monogamy

Rameen Kayani

Monetary Policy Transmission in Brazil: An Empirical Analysis of the Selic Rate, Inflation, and Expectations

Ramissa Khan, Ella Gillespie

Designing State-Contingent Visual Displays of Anxiety for Immersive Wellbeing Displays

Ryan Gilman

Design, Validation, and Production of Constant Velocity Joints using 3D-Printed AM-200

Samantha Corman, Sindhu Chepuri, Ashlynn Luong

Predictors of Mate-Guarding: A Dyadic Approach

Sameer Ray

Microwave Ovens: They're not just for Cooking Anymore, Wittig Reaction Rate Enhancement

Samuel Weaver

Finite Element Modeling of Support Symmetry Effects on the Natural Frequencies of Periodic Beams

Sara Alkilani

Peripheral Focused Ultrasound Stimulation in Zebrafish

Shane Mullahy, Neil Daterao, Hunter Gould

Synthesizing Detection Data from Multiple Sources

Shane Mullahy

Identifying edit groups from programming environments

Sophia Pegolo

Musical or Mechanical? Which Type of Sound is More Effective in Social Robot Communication?

Temilade Olasubomi

How does screen-based color and flashing signals influence perceived distress levels in a robot?

Tobin Clouser

Matrix Multiplication, Approximately.

Tri Le, Nicholas Gestring, Maryam Tariq

Design and Synthesis of Fatty Acid Synthase Inhibitors for Cancer Treatment

Troy Luley

Vaping-Related Cognitive Dissonance Among Undergraduate Students

Vasilisa Palkova, Ewan Pavoni, Erik Roberts

One-pot Synthesis of Amino Acid-Derived Heteroaryl Ketones as Potential *S. commune* Metacaspase Inhibitors

Veronah Najjuuko

Comparative Phosphorescent Performance of Powder, Xerogel, and Hot-Pressed Phosphor-Doped Aerogel Composites for Passive Emergency Signage

William Stewart

Economic and Community Impacts of Arena Development: A Case Study of Schenectady's M&T Bank Center

Willoughby Bonnette, Morgan Schultz, Sydney Scanlon

Exploring the Effects of Exercise, Fatigue, and Cognitive Function

Winston Lee

Using Dynamic Light Scattering to Measure ScMCA-Ia Protein Particle Size

Zaid Fafouri, Maia Chapin, Maeve Baksa, Aaron Al-Marayati,

Ella Boeckmann, Zev Rafael Deladingco, Strahlia Durr,

Dang Hung Duy, Toby Gleason-Kaiser, Alldyn Gotor,

Alec Hallinan, Weiheng He, Michael McShane, Nolan Mottor,

Juan Adriel Ortiz, Brooke Rosenshine, Leza Sorn

SAE Aero Team: SAE Aero Design 2026 West Competition (Fort Worth, TX)

Zaid Fafouri

Development of the Propulsion and Controls Subsystems for a VTOL-Capable Plane

Zev Rafael Deladingco, Elaine Batts, David Bershad,

Alex Medeiros

Design, Fabrication, and Testing of Impact-Resistant Metastructures

SESSION III

Concurrent Presentations

1:50 PM – 3:30 PM

Anthropology

Lippman 017

Moderator: Stephen Leavitt

1:50 PM / Gregory Alasso

One Piece of Resistance: A Critical Examination of One Piece and its use within Social Movements

2:10 PM / Claire Braaten

To Speak or Not to Speak: Language Maintenance and Language-Identity Entanglements in Chinese American Families

2:30 PM / Meghan Cenci

An Analysis of Modern Childbirth: The Role of the Doula and the Two Worlds of Birthing

2:50 PM / Yasmine Missaghieh

Navigating Infant Sleep: Cultural Variations in Co-sleeping and Attachment

Chemistry

ISEC 222

Moderator: Colleen Connelly

1:50 PM / Maryam Tariq

Synthesis and Evaluation of Potential Inhibitors Targeting Fatty Acid Synthase in Cancer

2:10 PM / Kennedy Alexis

Comparative Biological Activity of a Set of Copper(II), Nickel(II) and Cobalt(II) Complexes with Thiazole Based Ligands

2:30 PM / Emma Townsend

Polyphosphoric acid (PPA) mediated direct synthesis of γ -pyrones

2:50 PM / Khadija Amir

The Potential of Peptoid Macrocycles to Stabilize G-quadruplexes for Cancer Inhibition

3:10 PM / Cagla Numanoglu

Analysis of Various OspA-Based Fusion Proteins for Outer Membrane Vesicle-Based Lyme Disease Vaccine

Classics II

Karp 005

Moderator: Tommaso Gazzarri

1:50 PM / Matthew Connolly

Divine Commentary: Understanding Divine and Imperial Power in the Octavia

2:10 PM / John O'Connor

St. Augustine in the Present

2:30 PM / Clare Reilly

Bound Antiquity: Fore-Edge Painting and Classical Reception in Britain, 1660-1830

Economics II

Lippman 101

Moderator: Tomas Dvorak

1:50 PM / Luke Erlandsen

Betting on Inefficiency: Arbitrage Between Sportsbooks and Prediction Markets

2:10 PM / Dang Nguyen

Investing Isn't Just Math: Behavioral Biases and Student Market Participation

2:30 PM / Jerome Nsiiro

Competition Reform and Export Upgrading in Mexico

2:50 PM / Reid Vanslette

The Bionic Advisor: Quantifying Human Alpha Against the Rise of AI and Robo-Advisors

Electrical & Computer Engineering II

ISEC 124

Moderator: Luke Dosiek

1:50 PM / Tremaine Richardson

Dual-Axis Solar Panel Tracking Controller Simulations

2:10 PM / Leo Weisberger, Max Helfrich

Pedalboard Mixer

2:30 PM / Hoang Tran, Hung Dang

Tensegrity Robot: A new PCB design

Endocrinology

Wold 128

Moderator: Brian Cohen

1:50 PM / Abigail Uhl

The Effect of Mutation of the hFSHR Caveolin Binding Motif on Localization Within Lipid Rafts

2:10 PM / Kiersten Hamilton

Exploring the Effects of Mutations in the Caveolin Binding Motif on Downstream Signaling of Human Follicle Stimulating Hormone Receptor

2:30 PM / Greta Kropp

Investigating the Difference in Stress and Cortisol Response Between Male and Female Division 1 Hockey Players

2:50 PM / Cody Morrison

Blood, Sweat, and Cortisol: How Organized Sports Modulate the Hormonal Response to Stress

English II

Karp 105

Moderator: Jenelle Troxell

1:50 PM / Honora Hillery

More than a Mother

2:10 PM / Nina Allain

Women's Voices in Ukraine: Feminism and Love Under a Broken Government

2:30 PM / Miyah Falk

If We Stand Close Enough: Service and Poetic Storytelling in a Divided America

2:50 PM / Tessa Klimowicz

Heterotopia

3:10 PM / Aaradhya Sharma

Visualizing Market Forces in Bollywood Cinema

Geoscience II

Olin 306

Moderator: *Anouk Verheyden*

1:50 PM / Anne Pearl

Stable isotope record of contrasting lake systems: Analysis of the Peruvian Andes and Adirondack Mountains

2:10 PM / Ilana Goldner

Lichen as Bioindicators of Environmental Health: A Synthesis of Research and Analysis of Air Quality Monitoring Data

2:30 PM / Nora Kliczewski

Determinants of Stream Chemistry Across the State of Connecticut: Integrating Geological Properties and Hydrologic Processes

2:50 PM / Annabel Johnson

Crane Mountain Chronology: New Insights into Zircon Modification and Lead Loss

Klemm Fellows I

Karp 008

Moderator: *Mark Dallas*

1:50 PM / Ashlesha Bhagat

Being a Corporate Girlie in Sri Lanka: Klemm Engineering Internship

2:10 PM / Trisha Panse

What a Greek Hospital Taught Me About Healthcare Systems and Medical Culture

2:30 PM / Naina Sabbineni

Sharing Space with Wildlife and Ecosystems in the Galápagos

2:50 PM / Robert Theodore Goldman

Opening Your Eyes Underwater: Finding the meaning of Conservation in Koh Tao

3:10 PM / Savannah Cote

Reciprocation in Conservation: My Internship Experience in Patagonia, Argentina

Mechanical Engineering I

Wold 225

Moderator: *Ronald Bucinell*

1:50 PM / Cole Randall

Salt-Resistant Rebar Substitute using Pultruded Rods of Hemp and Biopolymer

2:10 PM / Maeve Baksa

Characterization and Digital Modeling of Solar Panels

2:30 PM / Owen Hutchinson

Reduced Order Modeling of 2D Turbulent Electro-Thermo-Convection

2:50 PM / Cole Randall

Engineering the Past: Applying Modern Manufacturing Techniques to Historical Artillery Design and Fabrication

Political Science IV

Lippman 016

Moderator: *Elizabeth O'Connor*

1:50 PM / Ezra Gollan

China's Coordinator In Chief: Huawei's Semiconductor Ecosystem

2:10 PM / Calden Bates

An Interstate Compact Proposal for the States of New England based on a Historical Review of American Rail

2:30 PM / Aaron Saenz

The Impact of Tariffs on Chinese EV/PHEVs and Vehicle Adoption Rates in Mexico

2:50 PM / Seona Chutaró

A Case Study of Labor Rights in Hawaii: Comparing the Public and Private Sector and the Expected Impact of Trump's Labor Agenda

Psychology II

Bailey 312

Moderator: *Marlow Guerrant*

1:50 PM / Claire Knecht

Comfort vs. Cravings: A Dietary Approach to Reducing Menstrual Distress

2:10 PM / Lily Schwarcz

Exploring the Impact of Pleasure-Inclusive Sex Education on Sexual Well-Being for Adults with Level One Autism Spectrum Disorder

2:30 PM / Lora Condon

Gender, Not Birth Order, Predicts Stressor Frequency in Emerging Adults

2:50 PM / Lauren Leavitt

The Association Between Body Image Perception and Participation in Physical Activity Among Female-Identifying and Gender Non-conforming Queer Individuals

3:10 PM / Anne Caldwell

Stressor-Related Negative Affect Across the Lifespan

Sigma Xi Award Nominees

Olin 115

Moderator: *Timothy Barnum*

1:50 PM / Sofia DeCola

A Wrinkle in Biological Time: Computational Analysis of Rhythmic Proteomic Disruptions

2:10 PM / Jules Squissato

Investigating the use of PEG di(carboxylic acid) derivatives in Outer Membrane Vesicle Crosslinking for a Mucosal Lyme Disease Vaccine

2:30 PM / Priya Patel

Investigating Fatty Acid Uptake in Endothelial Cells Using a 3T3L1 Adipocyte Model

2:50 PM / Mai Tran

Avoiding the Pain of Social Rejection through Social Withdrawal and Internet Usage

SESSION IV

Concurrent Presentations

3:40 PM – 5:20 PM

Geoscience III

Olin 306

Moderator: Osamu Miyawaki

3:40 PM / Eamonn Sheedy

Comparison of the 2021 and 1971-72 lava domes of La Soufriere, St. Vincent and potential for transition to explosive behavior

4:00 PM / Harley Bezpiaty

Assessing Tornadoic Environments in the Northeastern United States: A Case Study of the Anomalous 2024 New York Tornado Season

4:20 PM / Rosalind Lampert

A Case for Replication: Climate of the Last Glacial Period Using Peruvian-Andes Speleothems

4:40 PM / Sarah Unger

Setting the Record Straight: A Peruvian Andean speleothem gives insight into South American climate dynamics and suggests revised age for MIS 11/10 boundary based on isotope ratios and trace metal concentrations

5:00 PM / Molly Bartholomew

Jet Stream Velocity in Response to Large Thermal Changes

History

Lippman 017

Moderator: Elena McGrath

3:40 PM / Petr Melnikov

From Mariátegui to Mao: Gonzalo Thought and the Ideology of the Shining Path

4:00 PM / Alma Moreno

Immigration Activism in the State of New York: Addressing the Anti-Immigrant Policies of the 2020s

4:20 PM / Christina Guanci

Equality Reimagined: The Evolution of Conservative Rhetoric on Race and Education in the United States

Klemm Fellows II

Karp 008

Moderator: Mark Dallas

3:40 PM / Avital Nozic

The Parthenon, Operating Room, and Everything in Between: Insights from Surgical Shadowing in Athens, Greece

4:00 PM / Aditya Arora

Jaws of the Deep: Marine Conversation and Cultural Stewardship in Fiji

4:20 PM / Aaradhya Sharma

Sharks to Kava: Marine Conservation in Pacific Harbor, Fiji

4:40 PM / Rajveer Singh

The Human Side of Healthcare: Lessons from the Operating Rooms and Streets of Athens

5:00 PM / Claire Braaten

It Takes a Village: Community Work and Immersion in Natalau, Fiji

Mathematics

Bailey 207

Moderator: Sean Carney

3:40 PM / Sarah Lehan-Allen

Commuting Matrices

4:00 PM / Henry Howe

Factorization in Domains: Applications in Error Correction

4:20 PM / Ryder Mollo

Paradoxes in Probability Theory

4:40 PM / Samantha Picciotti

Mathematical Epidemiology and the SIR System: How We Can Reduce the Spread of Infectious Diseases

5:00 PM / Brooke Rosenshine

Optimal Control Theory Applied to Topics in Engineering

Mechanical Engineering II

Wold 225

Moderator: Yijing Stehle

3:40 PM / Maia Chapin

Evaluation of Low-Cost Graphene Oxide Coatings against Marine Corrosion

4:00 PM / Timothy Belin

3D Flow Measurements Over Heterogeneous Canopies: Effects of a Local Protrusion

4:20 PM / Julien Carreiro

An experimental investigation of the Kelvin-Helmholtz vortex generation between two fluids in shear

4:40 PM / Rowland Richards

Flow Interference Between Two Model Wingsails

Nanotechnology

ISEC 222

Moderator: Rebecca Cortez

3:40 PM / Alison Silver

The Electrical Characterization of Nanomaterials

4:00 PM / Antonio Cocchiario

The Morphology of Graphene and Reduced Graphene Oxide

4:20 PM / Aaram Lee

Introducing Monoalkyl Phosphinic Acids as a New Ligand Platform for Zinc Sulfide Quantum Dots

4:40 PM / Phoebe Barnes

Developing Functionalized Doped-ZnS Quantum Dots for E. Coli Detection

5:00 PM / William Dubois

Enhancing Vaccine Recovery and Thermostability in a Thin Film Delivery Platform

Neuroscience II

Wold 128

Moderator: Giselle Ferguson

3:40 PM / Shriya Biswas

Neuropolitics of Aging: Cognitive Decline as a Predictor of Political Attitudes and Behaviors.

4:00 PM / Emma Barnes

Neuropsychological Function of Older Adults: Role of Alcohol Use and Socioeconomic Inequality

4:20 PM / Stephen Barbelet

Stress and the Wandering Mind

4:40 PM / Ava Hubert

Attention and Time Perception

5:00 PM / Alexander Fleisher

Neurological Disease Monitoring in Familial Dysautonomia: Wearable Biosensors Reveal Progression of Proprioceptive Sensory Ataxia

Political Science III

Lippman 101

Moderator: Guillermina Seri

3:40 PM / Brigid Wilhite

The Architecture of Access: Education, Inequality, and Social Reproduction in Cambodia

4:00 PM / Katherine Perez Rojas

El Salvador: Facade of Success and the Fragility of the Bukele Model

4:20 PM / Joseph Spahn

The Success of Christianization in Fiji

Political Science V

Lippman 016

Moderator: Çiğdem Çıdam

3:40 PM / Jerome Nsiiro

Post-Imperial Worldmaking: Fanon, Nkrumah, and the Limits of Postcolonial Sovereignty

4:00 PM / Riley Jahnle

Caught Between Shores: The Criminalization of Movement and Solidarity within the Aegean Sea

4:20 PM / Tracy Chen

Engagement and Contestation: Immigration Advocacy and the Paradox of Legal Resistance

4:40 PM / Lily Horan

Democratic Fight Club: Justification for the Proliferation of War through Liberal Theories



2026 LOTHRIDGE FESTIVAL OF DANCE

Nott Memorial

Friday, May 8, 2026, 4:00 PM • Professor Laurie Zabele Cawley

Directed by Laurie Zabele Cawley (Gustave L. Davis '59 & Susan S. Davis Director of Dance) in collaboration with Drew Bodd (Technical Director), Brittney Belz (Costume Coordinator), Claire Knecht and Isabella Rossi (Stage Managers), Kevin Miller (Scene Shop Foreman), Victoria Rotondi and Charlie Jones (Arts Administrators), Melanie De La Cruz and Isabella Rossi (Work Study).

Beneath the Noise (Excerpt)

Choreography by **Laurie Zabele Cawley**

Music: *It's So Good* by Jamie XX

Dancers: Melanie De La Cruz, Ava DuBoff, Hailey Dunn, Paige Fox, Evelyn Jacobsen, Claire Knecht, Audrey Langlois, Anthony Montás, Elizabeth Paykuss

dancé

Choreography by **Jennifer Vil**

Music: *Across the Flusion* by Bashir-Shakur

Dancers: Ava DuBoff, Isa Gonzalez, Tremaine Richardson, Alicia Rose

KAU Crew — K-Pop Steinmetz 2026 Medley

Choreography by **Ashlesha Bhagat, Alldyn Gotor, Paige Fox, Hades Panlilio** [Modified choreography by HOSHI, WOOZI, Kirsten Dodgen, Lachica (specifically Mojeong Jeong), BlackQ, Eunju Kim (Jei Kim), Jerri Co, Yellz_z, Bada Lee (BEBE), team_wedemboyz, and J Blaze Official]

Music: *Do It* by Stray Kids; *Hollywood Action* by BOYNEXTDOOR; *How Sweet* by NewJeans; *STUPID IDIOT* by HOSHI x WOOZI; *TUNNEL VISION* by ITZY

Dancers: Ashlesha Bhagat, Abby Brunjes, Andrew Diaz, Paige Fox, Alldyn Gotor, Eric Greenberg, Polina Kozyarchuk, Hades Panlilio, Nhi Trieu, Narayani Yogi, Ayanat Zhumagaliyeva

Pertenecer

Choreography by **Melanie De La Cruz, Merari Rios Tovar**

Music: *La Mudanza* by Bad Bunny y más

Dancers: Maggie Buckley, Elizabeth Cardenas, Melanie De La Cruz, Ariela de la Villa Irizarry, Merari Rios Tovar, Jennifer Vil

Serendipity

Choreography by **Paisley Parmenter**

Music: *No Surprises* cover by Lizzy McAlpine, originally performed by Radiohead

Dancers: Paisley Parmenter

Senior Piece

Choreography by **Ava DuBoff, Anthony Montás**

Music: *Disturbia* by Rihanna

Dancers: Jerome Anderson, Ashlesha Bhagat, Melanie De La Cruz, Ava DuBoff, Sofia Gray, Ilana Goldner, Hannah Kimball, Claire Knecht, Vic Lucontoni, Wellington Matos, Keshawn McClarence, Anthony Montás, Veronah Najjuuko, Hades Panlilio, Elizabeth Paykuss, Tremaine Richardson, Merari Rios Tovar, Jennifer Vil, Anna Zusi

Worldview

Choreography by **Ava DuBoff**

Music: *Original Music* by Robert DuBoff

Dancers: Melanie De La Cruz, Hailey Dunn, Claire Knecht, Anthony Montás, Anna Zusi

Union College Dance Team

Choreography by **Hannah Kimball, Anna Zusi**

Music: *Fantasy* by Mariah Carey

Dancers: Olivia Belfonti, Kaylee Canoni, Adelaide Dieden, Delaney Duncan, Hailey Dunn, Paige Fox, Sofia Gray, Evelyn Jacobsen, Hannah Kimball, Audrey Langlois, Moyo Ogungbadero, Elizabeth Paykuss, Anna Zusi

Summoning from Within

Choreography by **Elizabeth Cardenas**

Music: *Dracula* by Tame Impala

Dancers: Elizabeth Cardenas

"For Jaiva, performing in Steinmetz at Union means being able to bring songs and movement from cultures across the black diaspora and share it with others. To share something as special as culture through formations, music, and conscious body movement—because words aren't always enough—is such a beautiful feeling that never gets old." —Alicia Rose

May I have your attention please

Choreography by **Melanie De La Cruz**

Music: *Romeo And Juliet: Dance of the Knights* by Sergei Prokofiev

Dancers: Jerome Anderson, Aaron Armstrong, Riley Belkin, Elizabeth Cardenas, Keshawn McClarence, Alicia Rose, Jennifer Vil

Don't Blink

Choreography by **Maggie Buckley, Paige Fox, Audrey Langlois, Nathan Ramachandran**

Music: *Isis* by Joyner Lucas feat. Logic; *goosebumps* by Travis Scott; *A Milli* by Lil Wayne; *tv off* by Kendrick Lamar feat. Lefty Gunplay

Dancers: Riley Belkin, Maggie Buckley, Saumya Dhakal, Paige Fox, Alldyn Gotor, Anjalika Kumar, Audrey Langlois, Stephanie Martinez, Maya Mitra, Natalie Pinto, Nathan Ramachandran, Janice Scroggins, Jaxon Sosa-Jeanty, Nhi Trieu, Ayanat Zhumagaliyeva

Punjabi AA Gaye Oye

Choreography by **Sienna Chambial, Armaan Uppal, Narayani Yogi**

Music: *Gabhru* by Karan Aujla and Ikky, *Dhurandhar - Title Track* by Shashwat Sachdev; *Sapphire* by Arijit Singh and Ed Sheeran; *Khuda Gawah* by Diljit Dosanjh

Dancers: Abby Brunjes, Alekhya Buragadda, Sienna Chambial, Adelaide Dieden, Ava Gasson, Shravani Kulkarni, Anjalika Kumar, Maya Mitra, Ainsley Moore, Snigdha Narayandas, Trisha Panse, Srushti Pathak, Sohan Shah, Namya Sharma, Maryam Tariq, Kavita Trivedi, Armaan Uppal, Narayani Yogi

Drums Before Dawn

Choreography by **Alicia Rose, Melokuhle Zuma**

Music: *Monalisa* by Lojay, Sarz; *Gbona* by Burna Boy; *Phonk System* by Kiddow 031, Sgija Keys, and Djy Kilo

Dancers: Ashlesha Bhagat, Paige Fox, Asiya Jaffer Mohammed, Anjalika Kumar, Stephanie Martinez, Keshawn McClarence, Hilary Payano, Merari Rios Tovar, Alicia Rose, Janice Scroggins, Narayani Yogi



The Dance Program would like to thank our sponsors:

- Mrs. Joan and Mr. David L. Henle
- William E. and Anna S. Lothridge 1879 Fund
- Charles D. Lothridge '44 / Edward Vilella Fellowship
- Dr. Gus Davis '59 and Mrs. Sue Davis / The Stephanie C. Davis Dance Residency
- The Gail and Carl George Annual Fund

2026 SPRING CONCERT

Memorial Chapel

Friday, May 8, 2026, 7:00 PM • Professor Jin Byun

SCHOLA CANTORUM

Paisley Parmenter
Strahlia Durr
Anna Kubick
Sarah Unger
Lauren Coletti

Isobel Petersen
Cagla Numanoglu
Melanie Thomas-Denaxas
Madeleine Pilkington
Adrianna Miles

Seona Chutaro
Polina Kozyarchuk
Daniel Buletza
Evan Schieren
Chase Nelson

Jared Antoine
Otto Hillegass
Jaxon Sosa-Jeanty
Dennis Moraga

CONCERT CHOIR

Strahlia Durr
Paisley Parmenter
Shae Fontaine
Sarah Unger
Anna Kubick
Isobel Petersen
Lauren Coletti
Jayden Schwarz
Maren Krasner
Grace Kaiser
Cagla Numanoglu
Melanie Thomas-Denaxas

Mollyjane Boyle
Eloise Kelen
Liani San Pedro
Jennifer Vil
Riana Kelley
Zainab Al-Abbasi
Madeleine Pilkington
Klara Kenttala
Eri Matsuoka
Niha Das
Maryam Ibrahim
Adia Isaacson

Seona Chutaro
Ella Whitaker
Salma Barrera
Samira Ahmed
Polina Kozyarchuk
Adrianna Miles
Janelle Otoo-Appiah
Avery Byron
Daniel Buletza
Ephraim Robinson
Chase Nelson
Evan Schieren

Caleb Hill
Jared Antoine
Holden Talluto-Hiris
Otto Hillegass
Matteo D'Alessio
Grayson Brewer
Dennis Moraga
Jaxon Sosa-Jeanty
Alldyn Gotor

UNION COLLEGE & COMMUNITY ORCHESTRA - STUDENTS

Kristina Yuan
Mukundan Thanigaivelan
Holden Talluto-Hiris
Ella Boeckmann
Marie Culmine
Veronica Shawki
Zachary Yuengling
Margaret Reale
Adriana Rittgers
Lily Schwarz

Jennifer Lopez
Theophilus Henle
Danielle Gesser Sapir
Lyra Lenigk
Grady Bosanko
Benjamin Visconti
Patrik O'Brien
Minkyu Kim
Joseph Ragan
Kaiden Bubenik

Margaret DeMarle
Angelina Martinelli
Pic Kerins
Elena Leslie
Gael Landa
Ferneydi Dotel
Lily Eagen
Dorothea DeMarle
Nathan Goldstein
Kassandra Smeltzer

Oliver D'Anna
Otto Hillegass
Grace Schultz
Francesco Ciaramitaro
Jayden Schwarz
Ernesto Molina
Ella Middlebrook

UNION COLLEGE & COMMUNITY ORCHESTRA - COMMUNITY

Heather Chan
Ann K. Seidman
Brian Quiara
Teresa Gatta Norton
Celia Murray
Rick Rowley
Nurit Sonnenschein
Sue Chrzan
Marion Kouzan
Nina Zanetti
Shannon Dietz-McCann
Andrew Snow

Jude Larsen
Peggy Gerardi
Amy Clodgo
Andre O'Neil
Cante Yacobellis
Laurinda Halliday
Stephanie Collins
Raquel Velho
Maria Westbrook
Ann Henderson
Brian Switzer
Maura McNamara

Tim Albright
Elizabeth Day
Beth Devlin
Diane Baltazar
Hanna Birkhead
Matt Boyas
Shannon Drauker
Jenni Fullam
Laura Canham-Lunde
Becky Derway
Gus Birkhead
David Civale

Josef Schmee
Paul Nance
Samuel Kennedy
Bob Relyea
Lynn Davis
Harmon Tunison
Janet Gerbino
Jacob Reiter
Arthur Foo
Kathryn Efnor



JAZZ ENSEMBLE STEINMETZ CONCERT

Emerson Auditorium, Taylor Music Center

Saturday, May 9, 2026, 11:00 AM • Professor Tim Olsen

Flute

Angelina Martinelli '28

Clarinet

Jonathan Deitchman '27

Saxophone

Lily Eagen '29

Ryan Fusco '29

Zachary Lipyanskiy '29

Angelina Martinelli '28

Trumpet

Kent Angert '29

Gael Landa '29

Trombone

Oliver D'Anna '26

Sammy Fenigstein '28

Evan Schieren '28

Chris Tompkins '27

Piano

Ryder Mollo '26

Zion Schluszel '28

Guitar

Diego Fuentes-Alvarado '29

Jack Gold '27

Thomas Halkias '29

Leo Weisberger '26

Bass

Sam Dickinson '27

Nathan Feinfeld '29

Owen Santora '26

Drumset / Percussion

Francesco Ciaramitaro '28

Ben Pistiner '27

Grace Schultz '28

Vibes

Grace Schultz '28

Vocals

Mollyjane Boyle '26

Ashley Callery '29

Sofia DeCola '26

Strahlia Durr '28

Georgia Keleki '27

Rosalind Lampert '26

Adrienne Long '28

Adrianna Miles '28

Evan Schieren '28

Melanie Thomas-Denaxas '29



VISUAL ARTS EXHIBITION

Crowell and West Galleries, Feigenbaum Center for Visual Arts

Friday, May 8 through Sunday, May 10, 2026, 9:00 AM - 5:00 PM

The Department of Visual Arts is proud to present the Steinmetz Exhibition, selected from this year's most outstanding student work in Drawing, Painting, Printmaking, Photography, Sculpture, and Digital Art.

Teairra Armwood
Sedona Baird
Maeve Baksa
Fiona Baratta
Oliver Baterdene
Ashlesha Bhagat
Nolan Blake
Madalyn Brand
Alanna Byrne
Cami Carino
Kate Cobb
Thomas Corwin
Maya Dow
David Fabian
Phoebe Ferguson
Idalis Fuentes
Cheyne Fusco
Connor Fusilli
Jack Gallagher
Antoinette Gamble
Ava Gasson
Danielle Gesser Sapir
Zuriel Gonzalez
Abby Goodell
Eli Gow
Cate Hicks
Honora Hillery
Addyson Holzer
Dove Hoque
Kyra Kelly
Merz Kuhn
Elena Leslie
Ben Libby
Jordan Long
Allison Lu
Michael Lucey
Evelyn Mallory
Chloe Matthews
Brody McCabe

Jesse McCaughey
Melina McGovern
Cole McMenemy
Emely Montes
Alma Moreno
Alex Mousa
Anh Nguyen
Caitlin Okonkwo
Leonidas Pallis
Hades Panlilio
Sophia Pegolo
Christina Phipps
Maddy Pilkington
Georgia Pinciario
Mia Polenberg
Elizabeth Pustavoitau
Sarah Ramirez
Chloe Rapant
Clare Reilly
Simon Rhodes
Juliette Richenthal
Youngjin Ro
Ryan Roberts
Holden Roberts
Olivia Rostkowski
Sophia Rothberg
Cleopatra Salam
Samantha Scanlon
Noah Scopteuolo-Rosen
Allison Shelley
Maddie Stanley
Benjamin Stern
Chris Taveras
Jiayu Tian
Abby Trzepla
Alissa Tsay
Maggie Weinstein
Nathan Wright
Suzanna Wright



This year's exhibition includes 270 artworks from 78 students. The exhibiting artists include departmental majors, minors, as well as students from other disciplines.

INDEX OF PRESENTERS

A

Aaradhya Sharma	3:10 PM	Karp 105	11
	4:20 PM	Karp 008	13
Aaram Lee	4:20 PM	ISEC 222	13
Aaron Al-Marayati	12:30 PM	Schaffer Library	10
Aaron Armstrong	4:00 PM	Nott Memorial	16
Aaron Saenz	2:30 PM	Lippman 016	12
Abby Brunjes	4:00 PM	Nott Memorial	15
Abby Goodell	9:00 AM	Crowell and West Galleries	19
Abby Trzepla	9:00 AM	Crowell and West Galleries	19
Abigail Bowman	12:30 PM	Schaffer Library	7
Abigail Michalek	11:00 AM	ISEC 124	3
Abigail Ramsey	9:30 AM	Wold 128	1
Abigail Uhl	1:50 PM	Wold 128	11
Adam Hecker	9:50 AM	ISEC 387	1
Addyson Holzer	9:00 AM	Crowell and West Galleries	19
Adelaide Dieden	4:00 PM	Nott Memorial	15
Adia Isaacson	7:00 PM	Memorial Chapel	17
Adithi Chellappan	8:30 AM	Wold 225	1
Aditya Arora	4:00 PM	Karp 008	13
Adrian Lizardo	12:30 PM	Schaffer Library	7
Adriana Rittgers	10:40 AM	Lippman 017	4
	7:00 PM	Memorial Chapel	17
Adrianna Miles	7:00 PM	Memorial Chapel	17
	Sat, 11:00 AM	Emerson Auditorium	18
Adrienne Long	Sat, 11:00 AM	Emerson Auditorium	18
Affan Warraich	12:30 PM	Schaffer Library	7
Ahdaf Zaman	8:30 AM	ISEC 120	2
Ainsley Moore	4:00 PM	Nott Memorial	16
Alanna Byrne	9:00 AM	Crowell and West Galleries	19
	9:10 AM	Bailey 312	2
Aldo Leal	11:00 AM	Karp 005	3
Alec Hallinan	12:30 PM	Schaffer Library	10
Aleena Kuriakose	12:30 PM	Schaffer Library	7
	12:30 PM	Schaffer Library	7
Alekhya Buragadda	4:00 PM	Nott Memorial	16
Alex Medeiros	12:30 PM	Schaffer Library	10
Alex Mousa	9:00 AM	Crowell and West Galleries	19
	12:30 PM	Schaffer Library	7
Alex Overholt	11:30 AM	Emerson Auditorium	5
Alex Roginski	9:30 AM	ISEC 120	2
Alexander Fleisher	5:00 PM	Wold 128	14
Alexander Ramos-Rodriguez	12:30 PM	Schaffer Library	7
Alexandra Danieli	10:20 AM	Karp 105	4
Alexandra Knowles	10:20 AM	Yulman Theater	4
Ali Hamza	11:00 AM	Karp 008	4
Alicia Rose	4:00 PM	Nott Memorial	15
Alison Silver	3:40 PM	ISEC 222	13
Alissa Tsay	9:00 AM	Crowell and West Galleries	19
	12:30 PM	Schaffer Library	7
Alkis Skemperis	12:30 PM	Schaffer Library	7
Alldyn Gotora	12:30 PM	Schaffer Library	10
	4:00 PM	Nott Memorial	15
	7:00 PM	Memorial Chapel	17
Alli Smith	12:30 PM	Schaffer Library	7
Allison Lu	9:00 AM	Crowell and West Galleries	19
Allison Shelley	9:00 AM	Crowell and West Galleries	19
	9:30 AM	Karp 005	1
Allyson Bennett	12:30 PM	Schaffer Library	7
Alma Moreno	9:00 AM	Crowell and West Galleries	19
	4:00 PM	Lippman 017	13
Amelia Casassa	8:30 AM	Olin 306	2
Amelia Davis	9:50 AM	Karp 105	1
Amelia Keese	8:50 AM	Karp 105	1

Amelia Lettre	12:30 PM	Schaffer Library	7
Amy Clodgo	7:00 PM	Memorial Chapel	17
Andre O'Neil	7:00 PM	Memorial Chapel	17
Andrea Olanescu	8:50 AM	Olin 306	2
Andrew Diaz	4:00 PM	Nott Memorial	15
Andrew Snow	7:00 PM	Memorial Chapel	17
Angela Sosa	12:30 PM	Schaffer Library	7
Angelica Mosher	10:40 AM	Karp 008	4
Angelina Martinelli	11:30 AM	Emerson Auditorium	5
	7:00 PM	Memorial Chapel	17
	Sat, 11:00 AM	Emerson Auditorium	18
Angelo Burzesi	12:30 PM	Schaffer Library	7
Anh Nguyen	9:00 AM	Crowell and West Galleries	19
	12:30 PM	Schaffer Library	7
Anjalika Kumar	4:00 PM	Nott Memorial	16
Ann Henderson	7:00 PM	Memorial Chapel	17
Ann K. Seidman	7:00 PM	Memorial Chapel	17
Anna Kubick	7:00 PM	Memorial Chapel	17
Anna Yam	12:30 PM	Schaffer Library	7
Anna Zusi	9:50 AM	Bailey 207	2
	4:00 PM	Nott Memorial	15
Annabel Dobash	10:20 AM	Reamer Auditorium	3
Annabel Johnson	2:50 PM	Olin 306	12
Anne Caldwell	3:10 PM	Bailey 312	12
Anne Pearl	1:50 PM	Olin 306	12
Anthony Montás	4:00 PM	Nott Memorial	15
Antoinette Gamble	9:00 AM	Crowell and West Galleries	19
Antonio Cocchiaro	4:00 PM	ISEC 222	13
Araya Cserepy	8:50 AM	ISEC 222	1
Aren Cummings	12:30 PM	Schaffer Library	7
Ariela de la Villa Irizarry	4:00 PM	Nott Memorial	15
Armaan Uppal	9:50 AM	Karp 005	1
	12:30 PM	Schaffer Library	7
	4:00 PM	Nott Memorial	16
Arthur Foo	7:00 PM	Memorial Chapel	17
Ashlesha Bhagat	9:00 AM	Crowell and West Galleries	19
	12:30 PM	Schaffer Library	7
	1:50 PM	Karp 008	12
	4:00 PM	Nott Memorial	15
Ashley Callery	Sat, 11:00 AM	Emerson Auditorium	18
Ashley Moore	9:10 AM	ISEC 222	1
Ashley Pablo Trujillo	12:30 PM	Schaffer Library	9
Ashlynn Luong	12:30 PM	Schaffer Library	10
Asiya Jaffer Mohammed	4:00 PM	Nott Memorial	16
Audra McFarland	9:10 AM	Wold 128	1
Audrey Langlois	4:00 PM	Nott Memorial	15
Ava DuBoff	10:40 AM	ISEC 387	3
	4:00 PM	Nott Memorial	15
Ava Gasson	9:00 AM	Crowell and West Galleries	19
	4:00 PM	Nott Memorial	16
Ava Hubert	4:40 PM	Wold 128	14
Avery Byron	7:00 PM	Memorial Chapel	17
Avital Nozic	12:30 PM	Schaffer Library	7
	3:40 PM	Karp 008	13
Ayanat Zhumagaliyeva	4:00 PM	Nott Memorial	15

B

Baovy Phan	12:30 PM	Schaffer Library	7
Becky Derway	7:00 PM	Memorial Chapel	17
Ben Libby	9:00 AM	Crowell and West Galleries	19
Ben Pistiner	12:30 PM	Schaffer Library	7
	Sat, 11:00 AM	Emerson Auditorium	18
Benjamin McGarry	12:30 PM	Schaffer Library	7
Benjamin Stern	9:00 AM	Crowell and West Galleries	19
	10:40 AM	Reamer Auditorium	3

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	12:30 PM	Schaffer Library	7
	7:00 PM	Memorial Chapel	17
Beth Devlin	7:00 PM	Memorial Chapel	17
Bob Relyea	7:00 PM	Memorial Chapel	17
Brandon Buhr	12:30 PM	Schaffer Library	7
Brandon Mori	12:30 PM	Schaffer Library	7
Brian Breslow	12:30 PM	Schaffer Library	7
	12:30 PM	Schaffer Library	8
Brian Quiara	7:00 PM	Memorial Chapel	17
Brian Switzer	7:00 PM	Memorial Chapel	17
Brigid Wilhite	3:40 PM	Lippman 101	14
Britannae Williams	12:30 PM	Schaffer Library	8
Brody McCabe	9:00 AM	Crowell and West Galleries	19
Brooke Rosenshine	12:30 PM	Schaffer Library	10
	5:00 PM	Bailey 207	13

C

Cagla Numanoglu	3:10 PM	ISEC 222	11
	7:00 PM	Memorial Chapel	17
Caitlin Okonkwo	9:00 AM	Crowell and West Galleries	19
Calden Bates	2:10 PM	Lippman 016	12
Caleb Hill	7:00 PM	Memorial Chapel	17
Cami Carino	9:00 AM	Crowell and West Galleries	19
Camille Da Silva	12:30 PM	Schaffer Library	8
Cante Yacobellis	7:00 PM	Memorial Chapel	17
Carter Curry	11:30 AM	Emerson Auditorium	5
	12:30 PM	Schaffer Library	8
Cassandra DeGeorge	9:30 AM	Karp 105	1
Cate Hicks	9:00 AM	Crowell and West Galleries	19
Ceci Snyder	12:30 PM	Schaffer Library	8
Celia Murray	7:00 PM	Memorial Chapel	17
Chase Nelson	7:00 PM	Memorial Chapel	17
Chemsy Lahlou	12:30 PM	Schaffer Library	8
Cheyne Fusco	9:00 AM	Crowell and West Galleries	19
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Chloe Matthews	9:00 AM	Crowell and West Galleries	19
Chloe Rapant	9:00 AM	Crowell and West Galleries	19
Chris Taveras	9:00 AM	Crowell and West Galleries	19
Chris Tompkins	Sat, 11:00 AM	Emerson Auditorium	18
Christina Guanci	4:20 PM	Lippman 017	13
Christina Phipps	9:00 AM	Crowell and West Galleries	19
Christina Rallis	10:40 AM	Karp 005	3
	12:30 PM	Schaffer Library	8
Claire Braaten	2:10 PM	Lippman 017	11
	5:00 PM	Karp 008	13
Claire DerKazarian	8:50 AM	Karp 005	1
Claire Knecht	1:50 PM	Bailey 312	12
	4:00 PM	Nott Memorial	15
Clare Reilly	9:00 AM	Crowell and West Galleries	19
	2:30 PM	Karp 005	11
Cleopatra Salam	9:00 AM	Crowell and West Galleries	19
Cody Morrison	2:50 PM	Wold 128	11
Cole McMenemy	9:00 AM	Crowell and West Galleries	19
Cole Pierson	11:30 AM	Emerson Auditorium	5
Cole Randall	12:30 PM	Schaffer Library	9
	1:50 PM	Wold 225	12
	2:50 PM	Wold 225	12
Collin Harrington	12:30 PM	Schaffer Library	8
Connor Fusilli	9:00 AM	Crowell and West Galleries	19
Cora Besette	8:30 AM	Karp 005	1

D

Dana Aument	8:50 AM	ISEC 387	1
Dang Hung Duy	12:30 PM	Schaffer Library	10
Dang Nguyen	2:10 PM	Lippman 101	11
Daniel Buletza	8:30 AM	Karp 105	1
	7:00 PM	Memorial Chapel	17

Daniel Haramis	9:50 AM	Bailey 312	2
Daniel White	12:30 PM	Schaffer Library	8
Danielle Brown	12:30 PM	Schaffer Library	8
Danielle Gesser Sapir	9:00 AM	Crowell and West Galleries	19
	7:00 PM	Memorial Chapel	17
David Bershad	12:30 PM	Schaffer Library	10
David Civale	7:00 PM	Memorial Chapel	17
David Fabian	9:00 AM	Crowell and West Galleries	19
David Seiche	12:30 PM	Schaffer Library	8
Delaney Duncan	4:00 PM	Nott Memorial	15
Dennis Moraga	7:00 PM	Memorial Chapel	17
Diane Baltazar	7:00 PM	Memorial Chapel	17
Diego Fuentes-Alvarado	Sat, 11:00 AM	Emerson Auditorium	18
Dimitrios Vasileios Zora	10:40 AM	ISEC 120	3
Dmitri Wild-Arons	12:30 PM	Schaffer Library	8
Dorothea DeMarle	7:00 PM	Memorial Chapel	17
Dove Hoque	9:00 AM	Crowell and West Galleries	19

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Eamonn Sheedy	3:40 PM	Olin 306	13
Eduardo Castro	12:30 PM	Schaffer Library	8
Elaine Batts	12:30 PM	Schaffer Library	9
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Eleanor El Maayergi	12:30 PM	Schaffer Library	8
Eleanor Peterson	8:30 AM	Lippman 016	2
Eleanor Wintringer	10:40 AM	Karp 105	4
Elena Leslie	9:00 AM	Crowell and West Galleries	19
	12:30 PM	Schaffer Library	8
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Eli Gow	9:00 AM	Crowell and West Galleries	19
	12:30 PM	Schaffer Library	8
Elizabeth Bias	8:30 AM	ISEC 222	1
Elizabeth Cardenas	8:30 AM	Karp 008	2
	4:00 PM	Nott Memorial	15
Elizabeth Cramer	12:30 PM	Schaffer Library	8
Elizabeth Day	7:00 PM	Memorial Chapel	17
Elizabeth Paykuss	8:50 AM	Bailey 312	2
	4:00 PM	Nott Memorial	15
Elizabeth Pustavoitau	9:00 AM	Crowell and West Galleries	19
Ella Boeckmann	12:30 PM	Schaffer Library	10
	7:00 PM	Memorial Chapel	17
Ella Gillespie	12:30 PM	Schaffer Library	10
Ella Middlebrook	7:00 PM	Memorial Chapel	17
Ella Whitaker	7:00 PM	Memorial Chapel	17
Elma Dema	9:10 AM	Wold 225	1
Eloise Kelen	7:00 PM	Memorial Chapel	17
Elsie Paxton	12:30 PM	Schaffer Library	9
Emely Montes	9:00 AM	Crowell and West Galleries	19
	9:10 AM	Karp 105	1
Emma Barnes	4:00 PM	Wold 128	14
Emma Townsend	2:30 PM	ISEC 222	11
Ephraim Robinson	7:00 PM	Memorial Chapel	17
Eri Matsuoka	7:00 PM	Memorial Chapel	17
Eric Greenberg	4:00 PM	Nott Memorial	15
Erik Lin	12:30 PM	Schaffer Library	8
Erik Roberts	9:30 AM	Wold 225	1
	12:30 PM	Schaffer Library	8
	12:30 PM	Schaffer Library	10
Erika Rose Canaveral	12:30 PM	Schaffer Library	8
Erika Skobel	12:30 PM	Schaffer Library	8
Ernesto Molina	7:00 PM	Memorial Chapel	17
Esther Lee	9:30 AM	Lippman 016	2
Eva Pineda	12:30 PM	Schaffer Library	9
Evan Schieren	7:00 PM	Memorial Chapel	17
	Sat, 11:00 AM	Emerson Auditorium	18
Evelyn Jacobsen	4:00 PM	Nott Memorial	15
Evelyn Mallory	9:00 AM	Crowell and West Galleries	19
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Fatima Nasir	12:30 PM	Schaffer Library	8
Ferneidy Dotel	7:00 PM	Memorial Chapel	17
Fiona Baratta	9:00 AM	Crowell and West Galleries	19
Francesco Ciaramitaro	7:00 PM	Memorial Chapel	17
	Sat, 11:00 AM	Emerson Auditorium	18

G

Gael Landa	7:00 PM	Memorial Chapel	17
	Sat, 11:00 AM	Emerson Auditorium	18
Gavin Sandberg	12:30 PM	Schaffer Library	8
Gavin Wright	11:00 AM	ISEC 120	3
Georgia Keleki	Sat, 11:00 AM	Emerson Auditorium	18
Georgia Pinciario	9:00 AM	Crowell and West Galleries	19
Georgia Pool	8:30 AM	Wold 128	1
Gisell Rodriguez Garcia	8:30 AM	Karp 008	2
Glauk Hizmo	10:20 AM	ISEC 120	3
Grace Kaiser	7:00 PM	Memorial Chapel	17
Grace Schultz	11:30 AM	Emerson Auditorium	5
	7:00 PM	Memorial Chapel	17
	Sat, 11:00 AM	Emerson Auditorium	18
Grady Bosanko	12:30 PM	Schaffer Library	8
	7:00 PM	Memorial Chapel	17
Grayson Brewer	7:00 PM	Memorial Chapel	17
Gregory Alasso	1:50 PM	Lippman 017	11
Greta Kropp	2:30 PM	Wold 128	11
Gus Birkhead	7:00 PM	Memorial Chapel	17
Guy Bellingrath	8:50 AM	Lippman 016	2
Gwyneth Connor	12:30 PM	Schaffer Library	8

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Hades Panlilio	9:00 AM	Crowell and West Galleries	19
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Hailey Dunn	4:00 PM	Nott Memorial	15
Hanna Birkhead	7:00 PM	Memorial Chapel	17
Hannah Kimball	10:20 AM	Bailey 312	3
	4:00 PM	Nott Memorial	15
Harley Bezpiaty	4:00 PM	Olin 306	13
Harmon Tunison	7:00 PM	Memorial Chapel	17
Heather Chan	7:00 PM	Memorial Chapel	17
Helen Shen	12:30 PM	Schaffer Library	8
Henry Howe	4:00 PM	Bailey 207	13
Hilary Payano	4:00 PM	Nott Memorial	16
Hoang Tran	2:30 PM	ISEC 124	11
Holden Roberts	9:00 AM	Crowell and West Galleries	19
Holden Talluto-Hiris	7:00 PM	Memorial Chapel	17
Honora Hillery	9:00 AM	Crowell and West Galleries	19
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Hunter Gould	12:30 PM	Schaffer Library	10

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Idalis Fuentes	9:00 AM	Crowell and West Galleries	19
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	4:00 PM	Nott Memorial	15
Isa Gonzalez	4:00 PM	Nott Memorial	15
Isobel Petersen	7:00 PM	Memorial Chapel	17

J

Jack Gallagher	9:00 AM	Crowell and West Galleries	19
Jack Gold	Sat, 11:00 AM	Emerson Auditorium	18
Jackson Klein	9:10 AM	Karp 005	1
Jacob Hernandez	12:30 PM	Schaffer Library	8

Jacob Reiter	7:00 PM	Memorial Chapel	17
Jacqueline Brienza	12:30 PM	Schaffer Library	8
Janelle Otoo-Appiah	7:00 PM	Memorial Chapel	17
Janet Gerbino	7:00 PM	Memorial Chapel	17
Janice Scroggins	4:00 PM	Nott Memorial	16
Jared Antoine	7:00 PM	Memorial Chapel	17
Jasmin Kainth	12:30 PM	Schaffer Library	8
Jasmine Lowney	10:20 AM	Karp 005	3
	12:30 PM	Schaffer Library	8
Jaxon Sosa-Jeanty	4:00 PM	Nott Memorial	16
	7:00 PM	Memorial Chapel	17
Jayden Schwarz	7:00 PM	Memorial Chapel	17
Jenni Fullam	7:00 PM	Memorial Chapel	17
Jennifer Lopez	7:00 PM	Memorial Chapel	17
Jennifer Vil	4:00 PM	Nott Memorial	15
	7:00 PM	Memorial Chapel	17
Jerome Anderson	10:20 AM	Yulman Theater	4
	12:30 PM	Schaffer Library	8
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Jerome Nsiiro	2:30 PM	Lippman 101	11
	3:40 PM	Lippman 016	14
Jesse McCaughey	9:00 AM	Crowell and West Galleries	19
Jessica Kinsky	12:30 PM	Schaffer Library	8
Jiayu Tian	9:00 AM	Crowell and West Galleries	19
John Fates	12:30 PM	Schaffer Library	8
John O'Connor	2:10 PM	Karp 005	11
Jonathan Deitchman	Sat, 11:00 AM	Emerson Auditorium	18
Jordan Long	9:00 AM	Crowell and West Galleries	19
Josef Schmee	7:00 PM	Memorial Chapel	17
Joseph Cerulli	12:30 PM	Schaffer Library	9
Joseph Landry	12:30 PM	Schaffer Library	9
Joseph Ragan	11:30 AM	Emerson Auditorium	5
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Juan Adriel Ortiz	12:30 PM	Schaffer Library	10
Jude Larsen	7:00 PM	Memorial Chapel	17
Jules Squissato	2:10 PM	Olin 115	12
Julien Carreiro	4:20 PM	Wold 225	13
Juliette Richenthal	9:00 AM	Crowell and West Galleries	19

K

Kaiden Bubenik	7:00 PM	Memorial Chapel	17
Kassandra Smeltzer	7:00 PM	Memorial Chapel	17
Kate Cobb	9:00 AM	Crowell and West Galleries	19
Katerina Kostova	12:30 PM	Schaffer Library	9
Katharine Bruun	9:10 AM	ISEC 222	1
Katherine Loughney	12:30 PM	Schaffer Library	9
Katherine Perez Rojas	4:00 PM	Lippman 101	14
Kathryn Dicus	12:30 PM	Schaffer Library	9
Kathryn Efner	7:00 PM	Memorial Chapel	17
Kavita Trivedi	4:00 PM	Nott Memorial	16
Kaylee Canoni	4:00 PM	Nott Memorial	15
Kennedy Alexis	2:10 PM	ISEC 222	11
Kent Angert	Sat, 11:00 AM	Emerson Auditorium	18
Keshawn McClarence	4:00 PM	Nott Memorial	15
Khadija Amir	12:30 PM	Schaffer Library	9
	2:50 PM	ISEC 222	11
Kiersten Hamilton	2:10 PM	Wold 128	11
Kira Streichert	11:30 AM	Emerson Auditorium	5
Klara Kenttala	7:00 PM	Memorial Chapel	17
Kristina Yuan	10:20 AM	ISEC 222	3
	11:30 AM	Emerson Auditorium	5
	7:00 PM	Memorial Chapel	17
Kshitij Agarwal	12:30 PM	Schaffer Library	9
Kyra Kelly	9:00 AM	Crowell and West Galleries	19

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Laura Canham-Lunde	7:00 PM	Memorial Chapel	17
Laura Fradkin	12:30 PM	Schaffer Library	9
Lauren Coletti	7:00 PM	Memorial Chapel	17
Lauren Leavitt	2:50 PM	Bailey 312	12
Laurie Zabele Cawley	4:00 PM	Nott Memorial	15
Laurinda Halliday	7:00 PM	Memorial Chapel	17
Leo Pratt-Thomas	12:30 PM	Schaffer Library	9
Leo Weisberger	2:10 PM	ISEC 124	11
	Sat, 11:00 AM	Emerson Auditorium	18
Leonidas Pallis	9:00 AM	Crowell and West Galleries	19
Leza Sorn	12:30 PM	Schaffer Library	10
Liani San Pedro	7:00 PM	Memorial Chapel	17
Lilly Marletta	12:30 PM	Schaffer Library	9
Lily Eagen	7:00 PM	Memorial Chapel	17
	Sat, 11:00 AM	Emerson Auditorium	18
Lily Horan	4:40 PM	Lippman 016	14
Lily Schwarcz	2:10 PM	Bailey 312	12
	7:00 PM	Memorial Chapel	17
Lora Condon	2:30 PM	Bailey 312	12
Lucas Montalto	12:30 PM	Schaffer Library	9
Luke Erlandsen	1:50 PM	Lippman 101	11
Luke Santa Clara Munro	12:30 PM	Schaffer Library	9
Lynn Davis	7:00 PM	Memorial Chapel	17
Lyra Lenigk	7:00 PM	Memorial Chapel	17

M

Madalyn Brand	9:00 AM	Crowell and West Galleries	19
Maddie Stanley	9:00 AM	Crowell and West Galleries	19
Maddy Pilkington	9:00 AM	Crowell and West Galleries	19
Madeleine Pilkington	7:00 PM	Memorial Chapel	17
Maeve Baksa	9:00 AM	Crowell and West Galleries	19
	12:30 PM	Schaffer Library	10
	2:10 PM	Wold 225	12
Maggie Buckley	4:00 PM	Nott Memorial	15
Maggie Weinstein	9:00 AM	Crowell and West Galleries	19
	10:40 AM	Bailey 207	4
Mai Tran	11:20 AM	Bailey 207	4
	2:50 PM	Olin 115	12
Maia Chapin	12:30 PM	Schaffer Library	10
	3:40 PM	Wold 225	13
Marcus Brem	8:30 AM	Bailey 312	2
Maren Krasner	11:30 AM	Emerson Auditorium	5
	7:00 PM	Memorial Chapel	17
Margaret DeMarle	7:00 PM	Memorial Chapel	17
Margaret Reale	7:00 PM	Memorial Chapel	17
Maria Westbrook	7:00 PM	Memorial Chapel	17
Marie Culmine	7:00 PM	Memorial Chapel	17
Marion Kouzan	7:00 PM	Memorial Chapel	17
Marion Stuntz	12:30 PM	Schaffer Library	9
Marissa Burstein	10:40 AM	ISEC 222	3
Marissa Gnitcavich	9:30 AM	ISEC 387	1
Maryam Ibrahim	7:00 PM	Memorial Chapel	17
Maryam Tariq	12:30 PM	Schaffer Library	10
	1:50 PM	ISEC 222	11
	4:00 PM	Nott Memorial	16
Maryann Fuentes	11:00 AM	ISEC 222	3
Matt Boyas	7:00 PM	Memorial Chapel	17
Matteo D'Alessio	7:00 PM	Memorial Chapel	17
Matthew Como	12:30 PM	Schaffer Library	9
Matthew Connolly	1:50 PM	Karp 005	11
Maura McNamara	7:00 PM	Memorial Chapel	17
Max Helfrich	2:10 PM	ISEC 124	11
Maya Corridore	11:00 AM	ISEC 222	3
Maya Dow	9:00 AM	Crowell and West Galleries	19
Maya Mitra	8:30 AM	ISEC 387	1

	12:30 PM	Schaffer Library	9
	4:00 PM	Nott Memorial	16
Meghan Cenci	2:30 PM	Lippman 017	11
Mehir Badlani	8:50 AM	Wold 225	1
	10:40 AM	Lippman 101	3
Melanie De La Cruz	11:00 AM	Reamer Auditorium	3
	4:00 PM	Nott Memorial	15
Melanie Thomas-Denaxas	7:00 PM	Memorial Chapel	17
	Sat, 11:00 AM	Emerson Auditorium	18
Melina McGovern	9:00 AM	Crowell and West Galleries	19
	10:20 AM	Lippman 017	4
Melokuhle Zuma	4:00 PM	Nott Memorial	16
Merari Rios Tovar	4:00 PM	Nott Memorial	15
Merz Kuhn	9:00 AM	Crowell and West Galleries	19
Meyri De Leon	8:30 AM	Karp 008	2
Mia Polenberg	9:00 AM	Crowell and West Galleries	19
Mia Raiti	11:00 AM	Lippman 017	4
Micaela Magno	12:30 PM	Schaffer Library	9
Michael Fitzmaurice	12:30 PM	Schaffer Library	9
Michael Lucey	9:00 AM	Crowell and West Galleries	19
Michael McCauley	10:40 AM	Wold 128	3
Michael McShane	12:30 PM	Schaffer Library	10
Minh Phuc Nguyen	12:30 PM	Schaffer Library	9
Minkyu Kim	11:30 AM	Emerson Auditorium	5
	7:00 PM	Memorial Chapel	17
Mircy Coca Soriano	12:30 PM	Schaffer Library	9
Miyah Falk	2:30 PM	Karp 105	11
Molly Bartholomew	5:00 PM	Olin 306	13
Molly Boyer	12:30 PM	Schaffer Library	9
Molly Fry	12:30 PM	Schaffer Library	9
Mollyjane Boyle	7:00 PM	Memorial Chapel	17
	Sat, 11:00 AM	Emerson Auditorium	18
Morgan Schultz	12:30 PM	Schaffer Library	10
Moyo Ogungbadero	4:00 PM	Nott Memorial	15
Mridula Shanker	9:10 AM	ISEC 387	1
	11:00 AM	Bailey 312	3
Mukundan Thanigaivelan	11:30 AM	Emerson Auditorium	5
	12:30 PM	Schaffer Library	9
	7:00 PM	Memorial Chapel	17
Mustarshid Choudhary	12:30 PM	Schaffer Library	9

N

Nabeel Naqvi	8:50 AM	ISEC 120	2
Naina Sabbineni	2:30 PM	Karp 008	12
Namya Sharma	4:00 PM	Nott Memorial	16
Naomi Taylor	11:30 AM	Emerson Auditorium	5
Narayani Yogi	4:00 PM	Nott Memorial	15
Nashalyn Rubert	8:30 AM	Karp 008	2
Natalie Pinto	4:00 PM	Nott Memorial	16
Nathan Feinfeld	Sat, 11:00 AM	Emerson Auditorium	18
Nathan Goldstein	7:00 PM	Memorial Chapel	17
Nathan Ramachandran	4:00 PM	Nott Memorial	16
Nathan Wright	9:00 AM	Crowell and West Galleries	19
Nathaniel Bott	12:30 PM	Schaffer Library	9
Neil Daterao	12:30 PM	Schaffer Library	10
Nhi Trieu	4:00 PM	Nott Memorial	15
Nicholas Dutkewych	12:30 PM	Schaffer Library	9
Nicholas Gellrich	8:50 AM	Wold 128	1
Nicholas Gestring	12:30 PM	Schaffer Library	9
	12:30 PM	Schaffer Library	10
Niha Das	12:30 PM	Schaffer Library	9
	7:00 PM	Memorial Chapel	17
Nina Allain	2:10 PM	Karp 105	11
Nina Zanetti	7:00 PM	Memorial Chapel	17
Noah Rivet	12:30 PM	Schaffer Library	9
Noah Scopteuolo-Rosen	9:00 AM	Crowell and West Galleries	19
	11:00 AM	Lippman 101	3