

# 2025 Day of Celebration of Scholarship and Creative Expression

April 25, 2025

9:00 am – 5:00 pm

8:50 a.m. Opening Remarks (Dean Bonnie)

**Oral Presentations**      **Facilitator: Taliaferro-Smith**

**Facilitator: Lawrence**

**Research Scholars (Humanities 202)**

9:00 a.m. *The story of Grief*  
**Presenter: Genesis Hollingsworth (Bell)**

**Research Scholars (Humanities 201)**

*Investigating Germline Development in C. elegans using an RNAi approach*  
**Presenter: Sarah Luo (Lawrence)**

9:15 a.m. *Winning Strategies in Fibonacci Nim and Its Extensions: Theory and Simulation*  
**Presenter: Arthur Han (Chen)**

*The Effects of the Social Environments on Drosophila Lifespan*  
**Presenter: Gracie Zhang (McLean)**

9:30 a.m. *From Survey to Clinical Trials: Delta-8 THC Usage, Misconceptions, and Research Roadblocks*  
**Presenters: Chris Abruzzo & Lucas Friggle (McGee)**

*Hongos y Hongueros: Relationships with Mushrooms Over Time in El Llanillo*  
**Presenter: Giselle Salazar (Ham)**

9:45 a.m. *Reducing Impostorism: How an Inter-Disciplinary Education Affects Scientific Identity and Belonging*  
**Presenter: Anli Sanjuan Hernandez (Reid)**

*Protecting Women? Reframing the Discourse on Transgender Inclusion*  
**Presenter: Mia Burshteyn (Tarver)**

**10:00 a.m. – Break**

**Facilitator: El Younssi**

**Facilitator: Thompson**

10:15 a.m. *An In-Depth Examination of Temperature and Oxygen Dynamics in Hard Labor Creek Reservoir*  
**Presenter: Kyler Rumack (Hage)**

*Population Genomics of the Chagas Vector (Rhodnius prolixus) and Parasite (Trypanosoma cruzi) in the High-Incidence Orinoco Region in Colombia*  
**Presenter: Charvi Magam (Bayona Vasquez)**

10:30 a.m. *An In-Depth Examination of Temperature and Oxygen Dynamics in Hard Labor Creek Reservoir*  
**Presenter: Melia Guttigoli (Hage)**

*Global Population Genomics and Species Delimitation of the Yellowtail Kingfish, Seriola lalandi*  
**Presenter: Ryan Stefko (Bayona Vasquez)**

10:45 a.m. *Naming conventions in Masjid Isa Ibn Maryam*  
**Presenter: Isabel Horne (Pohl)**

**11:00 a.m. – Break**

## Poster Presentations – Phi Gamma

### Session One 11:15 a.m. – 12:00 p.m.

*The Antibiotic Effect of Traditional Chinese medicinal Herbs on Ecoli*

**Presenter: Dominic Kassing (Neuman)**

*The Mental Health Effects of Time in Nature*

**Presenters: Alison Lin, Aly Medina, Delaney Reese, & Ethan Wu (Martin)**

*Who is the daddy? Investigating paternity in a spider with low levels of sexual Cannibalism*

**Presenters: Shivani Dalvi & Eunice Kim (Bayona Vasquez)**

*Assessing the Genetic Diversity and Evolution of a Recently Introduced Species in the Southeastern US: The Joro Spider, Trichonephila clavate*

**Presenter: Richard Hou (Bayona Vasquez)**

*Processing the Newton County 4H Archives*

**Presenters: Dylan Singer & Sarah Speed (Bowden)**

*Emory Muslims' Stories of Campus Discourse: An Oral History Project*

**Presenters: Ameer Alnasser & Kenan Bajraktarevic (Pohl)**

*Effects of Invasive Species on Native Plant Communities*

**Presenters: Evan Crozier, Natali Montoya, Lorna Liu, & Jess Tang (Martin)**

*A Ribbiting Adventure: Tracking Frog Population Connectivity Between Wetlands*

**Presenter: Heath Dunlop (Bayona Vasquez)**

*Air Quality Data Inference with Transformer Model in Mobile Crowd Sensing*

**Presenters: Steven Chen & Victor Li (Li)**

### Session Two 12:15 p.m. – 1:00 p.m.

*The Nile and the Yellow River as Spiritual Crossroads in Literature*

**Presenter: Veronica Ma (El Younssi)**

*How Evolution Redefines Identity, Freedom, and Society*

**Presenter: Gonzalo Barreto-Roballo (Shannon)**

*Polymorphism for an Agent-Based Simulation and Modeling Framework*

**Presenter: Nicky Ren (Le)**

*Acute Effects of Estradiol Ono Oxytocin Neural Responses in Male Zebrafish*

**Presenters: Elena Charria, Grace Liu, & Kaitlyn Lung (Thompson)**

*Identifying Estrogen Receptors that mediate the Effects of Estradiol on Social Preferences in Zebrafish*

**Presenters: Oliver Hegyi, Kaitlyn Parkes, & Sofia Sanchez (Thompson)**

*The Road to Employment: How Infrastructure Shapes Job Accessibility*

**Presenter: Emilija Lewis (Blake)**

*Labia Asensio: A look Into the State of Modern Feminism in Spain*

**Presenter: Temitope Peters (Shannon)**

*Searching Algorithms for an Automated Discovery Models of an Agent-Based System*

**Presenter: Smart Chen (Le)**

*Rapid Androgen Effects on Behavioral Responses to Pheromones in Male Zebrafish*

**Presenters: Grace Deng & Joseph Woloszyn (Thompson)**

**1:00 p.m. - Break**

**Oral Presentations      Facilitator: Thompson**

**Research Scholars (Humanities 202)**

1:15 p.m.      *A Cross-Linguistic Analysis of Nonbinary Pronoun Formation and Adoption Strategies*  
**Presenter: Taesha Marecheau-Miller (Walter)**

1:30 p.m.      *AP Psychology and Misconceptions About the Critical Period of Language Acquisition*  
**Presenters: Timothy Lim, Matthew Nguyen, & Yuigo Ueyama (Eghbalzad / Walter)**

1:45 p.m.      *Implementing Growth Mindset to Introductory Chemistry Students' Practical and Conceptual Laboratory Learning*  
**Presenter: Olha Los (Mo)**

2:00 p.m.      *Tree Inventory: Carbon Sequestration in the Oxford College Forest*  
**Presenters: Sam Birkner, Victoria Cheng, Ethan Hsieh, Kaela Moscati (Martin)**

2:15 p.m.

2:30 p.m.

2:45 p.m.

3:00 p.m.

3:15 p.m.

3:30 p.m.

**3:45 p.m.      Break**

4:00 p.m.      **Music Showcase (coming soon)**  
○ Oxford College Chamber Ensemble  
○ Oxappella

**Writing Showcase (Humanities 201)**

*Coming Soon*

**All Day – Studio Art Exhibition**  
(Pierce Hall, Oxford Science Building, Tarbutton/Few Hall)

**Introduction to Painting, Fall 2024**

Emily Grant  
Anne Hu  
Charlene Kim  
Micah Lee  
Isabella Madariaga  
Amelia Bleu Meyers  
Jasleen Rekhi  
Rachel Wang  
Christina Zhang  
Audrey Zhao

**Drawing I, Fall 2024**

Ty'Ala Brown  
Emery Chen  
Eric Chen  
Hingyu (Amelia) Cheung  
Josephine Rose DeMarco  
Claudia Fodor  
Gargi, Gargi  
Diana Lu  
Chantel Lana Mager  
Joy Qiu  
Sachi Shah  
Savannah Shi  
Natasha Weinberg

**Drawing I, Spring 2025**

Javi Davis  
Bella Scannapieco  
John Staton  
William Walton

**Stagecraft: 3-D Model of the Set Design for Tragedy (Tarbutton Theater)**

Albert Akimov  
Michael Cook  
Neko Jin  
Daniel Keane  
Kaela Moscati  
Jillian Park  
Michelle Yu

**Introduction to Painting, Spring 2025**

Morgan Cook  
Margaux Davis  
Michelle Qian  
Riley Sanders  
Austin Scott  
Ily Stevens

**Drawing I, Fall 2024**

Carol Chen  
Megan Chen  
Cole Ferranti  
Beomseok Kang  
Yolanda Liu  
Skye McConaughy  
Maya Patel  
Sriva Peri  
Angela Wang  
Oliver Xie  
Mark Yuan  
Alan Ning Zhou  
Yunshi (Stone) Zhou

Saachi Bedi  
Luke Goldman  
Dominic Kassing  
Stephanie Kola-Ogunbule  
Anisha Nagchaudhuri  
May Queener

**Introduction to Ceramics (Pierce Hall / Few Hall)**

Akira Culbertson

Angelina Dalloul

Yolanda Feng

Ella Livnat

Nathan Raikman

Ariella Weiss

Kaiden Yeung

Michelle Zhao

Sophia Zhen

Siyu Zheng

Dixie Rose Baronofsky

Joe Braiterman

Melia Ehnert

Lucy Gardner

Kemi Iyagbe

Jason Kim

Chengzhuo Li

Connor Smith

Joanna Yun

Martina Zhang

## Introduction to Ceramics (Pierce Hall / Few Hall)



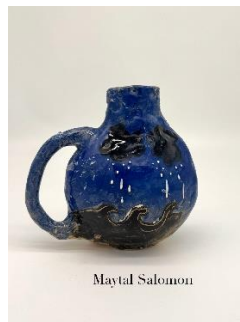
Conor Shaw Smith

Conor Shaw Smith



Jessica Jin  
Ocean Floor

Jessica Jin



Maytal Salomon

Maytal Salomon



Sarah Azubuike

Sarah Azubuike



Meghan Heilpern  
Two Headed Calf

Meghan Heilpern



Hilary Barkey  
Ceramic

Hilary Barkey



Julia Liu

Julia Liu



ConnerKim

Conner Kim



Tingy Shi

Tingy Shi



Natali Montoya

Natali Montoya



Lil Squirrel  
Soryna  
McIntire

Soryna McIntire



Lost Planet  
-Alyssa Chai

Alyssa Chai



Peach  
-Roshni Sangani

Roshni Sangani



Otter  
-Meghan Heilpern

Meghan Heilpern



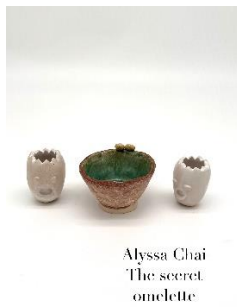
Emotions  
-Soo Nam

Soo Nam



Seasons  
-Carol Chen

Carol Chen



Alyssa Chai  
The secret  
omelette

Alyssa Chai