

2021-2022

# JOHN J. REILLY CENTER

FOR SCIENCE, TECHNOLOGY, & VALUES  
NEWSLETTER

## INSIDE

LETTER  
FROM  
DIRECTOR

NEW FACES  
AT THE  
CENTER

YEAR IN  
REVIEW BY  
PROGRAM

AWARDS &  
PRIZES

LOOKING  
FORWARD

## Table of Contents

- Letter from the Director -Pg. 2-4
- New Faces in the Reilly Center -Pg. 5-7
- Faculty & Student News -Pg. 8-10
- Reilly Year in Review - HPS -Pg. 11-16
- Reilly Year in Review - GLOBES -Pg. 17-19
- Reilly Year in Review - Dual Degree -Pg. 20-21
- Reilly Year in Review - STV -Pg. 22-24
- Reilly Year in Review - HHS -Pg. 25-29
- Awards & Prizes -Pg. 30
- Future Events & Closing Thoughts -Pg. 31



# Reilly Center

# NEWSLETTER

2021-2022

## Letter from the Director

This was an exciting year for the Reilly Center, as well as the University as a whole, as we saw a return to in-person events and classes beginning in the Fall. This year also saw the beginning of the Reilly Center's newest minor in Health, Humanities, and Society (HHS), directed by Prof. Vania Smith-Oka (Anthropology), which has already seen its first two graduates in its very first year of conception. Our graduate program in the History and Philosophy of Science (HPS) continued its successes, almost doubling its faculty base, and with several recent graduates finding excellent jobs...

...Current HPS students, in common with all graduate students, have had a challenging time as they navigated the pandemic, but all of made steady progress towards the completion of their degrees, and have engaged through conferences and publications with their wider fields. Our Science, Technology, and Values (STV) undergraduate minor, Dual-Degree program, and GLOBES graduate certificate program have all had good years; you can read more about events and successes in all five programs below.

Several events stood out for me this year. In September, the students and the faculty of HPS, and several alumni of the program joining remotely, gathered for a whole day to discuss the current shape of the program and to help plan for its future. This event marked our return to post-COVID "normality," and seemed a good moment to take stock of where we are and where we are going. Overall, both students and alumni were happy with the HPS program; but in the open discussions we learned of many ways in which we can improve, and traditions and practices that we should restore post-pandemic. There was much enthusiasm to welcome new faculty into the program, and to find ways to incorporate Science and Technology Studies (STS) into HPS, while ensuring that History and Philosophy remain at the core of the program...

...In February, we held one of the very first public events after the University lifted its restrictions on outside visitors. The journalist, poet, and theologian Gabriel Meyer, executive director of the Ruskin Art Club, gave the second Ruskin Birthday lecture. This annual lecture series was established in 2020. Clive Wilmer, editor of Ruskin's writings and former Master of Ruskin's Guild of St George, gave the first talk, about the Guild in today's world, as part of our conference [John Ruskin: Prophet of the Anthropocene](#). Our intention was to hold a public lecture every year on or about February 8, Ruskin's birthday, to continue to explore the role of the humanities in addressing our current crises. In 2021, the unanticipated crisis of the global pandemic precluded an in-person lecture, so instead we commissioned [a series of reflections](#) by participants in the 2020 conference. Gabriel's talk, on February 8 of this year, brought in a large audience, filling the Oak Room in the South Dining Hall. You can watch the entire, enthralling lecture [here](#). Plans are already underway for next year's lecture.

Towards the end of March, the HPS graduate students held the third annual HPSTV Graduate Student conference, with the theme "Reasoning in the Historical Sciences." The conference brought together faculty and students from as far afield as Exeter in the United Kingdom. This was, again, one of the first multi-participant events at Notre Dame since the lifting of the pandemic restrictions. It would have been considered a successful event at any time; but it is particularly noteworthy that students planned the event under difficult and uncertain circumstances. I learnt a lot from every one of the papers presented at the conference, and I think that the visitors to Notre Dame took away a very good impression of the intellectual life among students and faculty in our program.

This was the first year of the Reilly Center's [Teagle Cornerstone](#) project, funded by the Teagle Foundation and the National Endowment for the Humanities. This is a collaboration between the Reilly Center and the Glynn Family Honors Program, and its Arts and Letters Director Margaret Meserve. In our proposal, we set out a plan to work with faculty across the College of Arts and Letters to reinvigorate teaching in the University's Core Curriculum, and to think about ways to engage more deeply students who intend to major in Science and Engineering, or to pursue pre-medical studies. Through the grant, we were able to sponsor several new courses in the Core, and assembled a group of some twenty faculty who were interested in this project. Once Ira Halpern arrived as a postdoctoral scholar, he organized a series of faculty discussions around specific texts taught in the Core, which were (for me) some of the most intellectually stimulating conversations I had this year. The same group met for a discussion with Roosevelt Montás, author of [Rescuing Socrates](#) and former director of the Columbia Core, for a very stimulating conversation about core education and "great books" pedagogy.

In April, the two HHS postdoctoral scholars Ijeoma Kola and Katharine McCabe organized an event to celebrate undergraduate research in Reilly Center programs. The event was opened by Dean Sarah Mustillo, and featured some fifty poster presentations and short talks by HHS, STV, and Dual Degree students. The event also included awards to students and faculty, a round-table of Notre Dame pre-health alumni, and concluded with a keynote speech by Deirdre Cooper Owens, the Charles and Linda Wilson Professor in the History of Medicine at the University of Nebraska-Lincoln, on the intertwined histories of racism and gynecological medicine in America. This "Undergraduate Symposium" was a new type of event for the Center, and we look forward to holding it annually henceforward...



...As the Center's programs grow, so too does the Center itself. Next year, philosopher Patrick Gamez will be joining the Center as a Teaching Faculty member. This new addition to our permanent faculty will allow us to realize a long-held plan: to build a curriculum and intellectual program for our dual-degree students. This year, Assistant Dean Maureen Dawson joined our weekly meetings. Dr. Dawson is responsible for advising pre-health students in Arts and Letters; her affiliation with the Reilly Center and HHS will allow the Center to better serve all pre-health students in the College. This year, another permanent staff member joined us: Mackenzie Rizzo, who has responsibility for our undergraduate programs that serve students on professional tracks (HHS and Dual Degree), as well as our GLOBES graduate program. Finally, after nearly a decade in the attic of Geddes Hall, we have this summer moved back into O'Shaughnessy Hall, taking a place again at the heart of Arts and Letters. As I write this from my new office, I am surrounded by boxes that still need to be unpacked; and some of the renovations of our new space need to be completed in the next few weeks. But I have no doubts that once we settle in, it will be a great improvement on our old premises, and (most importantly) will bring us much closer to the students and faculty in Arts and Letters.

In her message to the faculty after our return from the pandemic, the Dean emphasized that we should all strive to rebuild a sense of community. It has been a challenge at times to reignite the old habits of communal academic life, but as the brief summary of the year's highlights suggests, we have thrown ourselves into that task. The successes of the last, post-pandemic year have been built on less visible but equally important community-building efforts. During the whole period when indoor socialization was forbidden, Associate Director Anna Geltzer led a weekly walk around the lakes for HPS students and faculty, which was a great reprieve from the isolation many felt in 2020 and early 2021. This last winter we held outdoor evening events, including a cross-country skiing trip just over the border in Michigan, which was well attended by both students and faculty. And Administrative Programs Coordinator Tori Davies, as ever, kept an eye on all the students, and checked up with them regularly throughout the pandemic. Our mission, as a Center, is to "foster scholarly conversation at the intersections between the humanities and social sciences, and the sciences and medicine," primarily through graduate and undergraduate programs. We continue to do that and, indeed, to go from success to success. But those conversations can only continue through the hard work of the people who make up the Center: its permanent faculty and staff, its faculty program directors, and its students, as well as the many faculty and students who are affiliated with the Center. As the Center's Director, I am proud and fortunate to have the very best people to work with to fulfill our mission, and I am grateful to all of them.

- Robert Goulding

# NEW FACES IN THE REILLY CENTER

The Reilly Center welcomed three new postdoctoral scholars this year. To the Teagle Program: Dr. Ira Halpern and to the Health, Humanities, & Society program: Ijeoma Kola, & Katharine McCabe. We also welcomed a new permanent staff member, MacKenzie Rizzo.

Ira Halpern is assisting with the Reilly Center's implementation of its Cornerstone: Learning for Living grant, which emerges from a joint initiative of the National Endowment for the Humanities (NEH) and the Teagle Foundation. Ira's research focuses on questions of health and medical care in U.S. literature and culture across the nineteenth and twentieth centuries. His article, "Health Care Fictions: The Business of Medicine and Modern US Literature" appears in *American Literature*, and another article, "Diagnosing Desire: Literary Experiments with Sexuality and the Nerves," is forthcoming in *Literature and Medicine*. In 2021, he defended his dissertation, entitled "Doctoring America: The Literature of Medical Care," for the Ph.D. in English at the University of Toronto.

Ira will be teaching Health, Medicine, and American Culture in Fall 2022 as part of the Health, Humanities, & Society minor, as well as a First Year University Seminar Course as part of the Teagle initiative.



Ijeoma Kola is a historian of science and medicine, her research focuses on race and health, the medical and social construction of disease, and Black health social movements. Her current project examines the history of race and asthma in nineteenth and twentieth-century Black urban spaces. Ijeoma's scholarship has been supported by the National Science Foundation. She received her Ph.D. in Sociomedical Sciences from Columbia University.

Ijeoma taught the Contemporary Concerns in Medicine core course for the HHS minor in Fall as well as History of Race & Racism in Science in the Spring. In Fall 2022 she will return to teach Contemporary Concerns in Medicine and History of Race & Racism in Science.



# NEW FACES IN THE REILLY CENTER

Katharine McCabe researches gender, race, and sexuality, inequalities in reproductive health, and legal and institutional responses to substance use and addiction. Her current research examines the intersection of medicine and law in response to pregnant substance users. She also examines state policies on child welfare responses to maternal substance use and regional reproductive healthcare responses to the opioid crisis. Kate's research has been funded by the National Science Foundation and has been published in *The Journal of Health and Social Behavior*, *Social Science and Medicine*, *The Journal of Women's Health*, *Perspectives on Sexual and Reproductive Health*, and *Sex Roles*.

Kate taught Intersectionality in Health & Medicine in the Fall, as well as the Contemporary Concerns in Medicine core course for the HHS minor with a concentration in Reproductive Health in the Spring. In Spring 2023 she will teach The US Healthcare System in Perspective core course for the HHS minor as well as Intersectionality in Health and Medicine.



We also welcomed a new permanent staff member to the Center, MacKenzie Rizzo. MacKenzie is a graduate of St Mary's College, and is taking over administrative responsibility in the Center for our more "professional" programs: HHS, GLOBES, and the dual-degree program.

# NEW FACES IN THE REILLY CENTER

---

In the Fall, the Reilly Center will be welcoming a new permanent faculty member and two more postdoctoral scholars:

Patrick Gamez will be joining the Reilly Center as a permanent faculty member in the Fall. Patrick received his Ph.D. in 2016 from Notre Dame's Philosophy Department, and since then has been teaching at Missouri University of Science and Technology. His area of specialization is philosophy of technology (particularly Continental philosophy). In the Reilly Center, he will be helping to build a new curriculum for engineers in our Engineering/Arts and Letters dual-degree program, for which he will be designing and teaching a core course, as well as teaching other courses in STV, including co-teaching the Ethics of Emerging Weapons Technology course with Bob Latiff.

Katherine McKenna will be joining the Reilly Center as our second NEH/Teagle Foundation postdoctoral scholar. Katie received her Ph.D. in History in 2019 from Vanderbilt University, and has most recently been a visiting assistant professor at Oberlin College. Her research is at the intersection of intellectual, cultural, and women's history, and she is particularly fascinated by the mechanics of Renaissance feminism and the world of premodern women. Her first book project, *Breaking Silence: Venetian Women and the Radicalization of the Querelle des Femmes in Late Renaissance Italy*, is a history of how secular women authors from Venice and its empire forged a space for themselves on the vernacular book market and remade the Renaissance literary debate on women during the late sixteenth and early seventeenth centuries. In the Reilly Center, she will be assisting with and teaching in our NEH/Teagle Cornerstone program, and teaching in the Reilly Center's undergraduate programs.

Caterina Agostini will be joining the Reilly Center and the Navari Family Center for Digital Scholarship in the Fall, as a postdoctoral scholar under the NEH/AHRC grant that the two centers are collaborating on. This project aims to develop a new standard for encoding and sharing text across Digital Humanities project, using as a proof of concept The manuscripts of Thomas Harriot (1560–1621), of which Center director Robert Goulding is a co-editor. Dr. Agostini holds a 2021 Ph.D. in Italian from Rutgers University, and has extensive experience in digital humanities, most recently as a postdoctoral fellow working in the Thomas A. Edison Papers project. She will be assisting in every aspect of the project, both the workshops editing and translating Harriot's papers, and the larger technical goals of the project in developing a general framework for text interoperability. Caterina will also be teaching courses in the Reilly Center's undergraduate programs.

---

# Faculty and Student News

---

Reilly Center Director, Robert Goulding, and Margaret Meserve (Glynn Family Honors Professor of History; Arts and Letters Director, Glynn Family Honors Program) received a \$250,000 grant from the Teagle Foundation and National Endowment for the Humanities, to reinvigorate Core education in the College of Arts and Letters, with particular focus on the needs of students in science and engineering.

---

Robert also received a National Endowment for the Humanities fellowship, in collaboration with the Navari Family Center for Digital Scholarship. The project, with partners in the Bodleian Library and Cambridge University Library, aims to develop an interoperable text framework (ITF) — a loose term for a body of conventions and contracts that specify how to format data and its associated metadata so it can be used by multiple different platforms. The end result will be to free up older digital humanities projects from idiosyncratic platforms. To test the new framework, the team will upgrade an older digital project — The manuscripts of Thomas Harriot (1560–1621) (which Robert co-edited) — that exemplifies the challenges ITF might face in its development and the kinds and scale of problems it will solve. The grant will fund one postdoc in the Reilly Center.

---

Congratulations to Essaka Joshua, HHS affiliate professor, for being elected a fellow of the Society of Antiquaries of London, an international educational organization that promotes understanding of the human past.

Full article can be read [here](#).

Congratulations to Anna Geltzer for her promotion to Associate Teaching Professor! This promotion reflects her dedication to the Reilly Center, its programs and students, and her many successes in her own teaching and in developing and enriching those programs and the intellectual life of the Center.

# Faculty and Student News

Congratulations to HHS affiliate faculty member, Cara Ocobock, for being awarded the Human Biology Association's 2022 Michael A. Little Early Career Award and for being the second Notre Dame Anthropology professor to earn the award in the last two years.

Read the full article [here](#).

Aidan Seale-Feldman, assistant professor of Anthropology as well as HHS affiliate faculty, recently published an [article](#) on the translation of psychosomatic disorders in Nepal. Dr. Seale-Feldman also took place in [ISLA's 2021-2022 Annual Research Themed Grant program, A Time to Heal](#).

Read the full article [here](#).

---

Congratulations to Philosophy professor and HHS affiliate faculty member, Hannah Rubin for receiving a 5-year career grant from National Science Foundation (NSF) for her project "[Race, Gender, and the Science of Science](#)".

---

Congratulations to Maureen Dawson, Assistant Dean, College of Arts and Letters, for receiving [The Dockweiler Award](#).

---

GLOBES doctoral students Whitney Conard and Katherine O'Reilly (Department of Biological Sciences, Stream and Wetland Ecology Laboratory/Gary Lamberti) mentored College of Science undergraduate student Joseph Gentine (Environmental Science '22) to author a peer-reviewed article, "[Environmental predictors of phytoplankton chlorophyll-a in Great Lakes coastal wetlands](#)," that was recently published in the Journal of Great Lakes Research.

Read the full article [here](#).

# Faculty and Student News

---

## **- Class of 2022 Medical School Admissions -**

Congratulations to:

Colin Stoll (Psychology/APH2) - University of Massachusetts

Nicole DiDonna (Political Science/APH2/Business Econ) - University of North Carolina

Gabriel Ramos (Anthropology/APH2/Glynn Honors) - University of Virginia

Ava Conklin (Psychology/APH2) - State University of New York Upstate

Zosia Canzoniero (Psychology/APH2/Poverty Studies) - Rowan University

---

## **- Class of 2022 Fulbright Teaching Fellowships -**

Congratulations to:

Isabel Barnidge (Spanish/APH2/International Development Studies)-Canary Islands,  
Spain

Sophia Kics (Spanish/APH2/Gender Studies)-Mexico City, Mexico

---

## **- Class of 2022 Gap Year Positions & Graduate Programs -**

Congratulations to:

Diego Silva Cruz (Sociology/APH2) - Clinical Research Coordinator, Northwestern  
University Hospital, Chicago, Illinois

Megan Kendall (Sociology/APH2) - Consultant, Oak Street Health, Chicago, Illinois

Analie Fernandes (Political Science/APH2/Poverty Studies/Glynn Honors) -  
Research Fellow, Yale University, New Haven, Connecticut

Grace Fjermedal (English/APH2/Education Schooling and Society) - Research  
Fellow, Yale University, New Haven, Connecticut

Rachel Dinh (Anthropology/APH2/Theology) - Masters in Global Health Program,  
Trinity College, Dublin, Ireland

Hannah Koch (Psychology/APH2) - Clinical Assistant, the Parkview Center for  
Wound Healing, Fort Wayne, Indiana

---

# REILLY YEAR IN REVIEW

## BY PROGRAM

### -GRADUATE PROGRAMS-

#### HPS - HISTORY & PHILOSOPHY OF SCIENCE GRAD PROGRAM

##### -2022 Graduates-

Congratulations to History & Philosophy of Science students who graduated this year with a Ph.D.:

Charlene 'Char' Brecevic  
(Philosophy),  
Joseph Baxley (History),  
& John Hanson (Philosophy).

##### -2022 Cohorts-

The HPS Program will be welcoming five new students this fall.

David Batt, Courtney Foster, and Townsend Rowland will be joining the History Track and Timm Heinbokel and Logan Patriquin will be welcomed into the Philosophy and Theology Track respectively.

#### HPS ACCOMPLISHMENTS

Four recent HPS graduates found academic employment this year, three of them as tenure-track faculty at universities across the country. We wish them continued success in their respective fields.

1. Joseph Baxley (HPS History '22) has accepted a teaching position at Pinecrest Academy in Cumming, GA. Joseph will be teaching History AP courses for the Social Studies department in their Upper School.
2. Char Brecevic (HPS Philosophy '22) accepted a position as an Assistant Professor of Philosophy at Seattle University.
3. Jamee Elder (HPS Philosophy '20) accepted a position as an Assistant Professor of Philosophy at Tufts University
4. Sebastián Murgueitio Ramírez (HPS Philosophy '21) has been appointed Assistant Professor of Philosophy at Purdue University.

# CHAR BRECEVIC WINS 2021 NOTRE DAME THREE MINUTE THESIS COMPETITION

Char Brecevic, a Philosophy track HPS student, won the 2021 Notre Dame Graduate School Shaheen Three Minute Thesis Competition (3MT®) on Wednesday, October 13th on the stage in Carey Auditorium in the Hesburgh Library.

Brecevic's presentation, titled "Managing Type-2 Diabetes: Imagining a Way Forward," explores the problem of poor self-management among diabetics—resulting in deadly complications and increased healthcare expenditures. Her central argument is that knowledge and access to healthcare resources are not sufficient for successful self-management. Since type 2 diabetes is largely asymptomatic, most diabetics do not perceive any cues reminding them to take care of their condition—compare this to having a headache that is so painful one cannot help but

stop and take some ibuprofen. If patients are most likely to engage in health behaviors when they see or feel a symptom, the solution lies in making visible that which is asymptomatic. As a fellow with the Notre Dame Institute for Advanced Study (NDIAS) and the Notre Dame Technology Ethics Center (ND-TEC), Brecevic is working with her faculty advisors Professors Heather Douglas and Don Howard toward a solution such as this.

Collaborating with campus partners to develop software allowing diabetics to visualize a simulated representation of what happens to their bodies when they engage in relevant health behaviors.



The guiding hypothesis is that this visualization will enable diabetics to see how seemingly small choices about one's diet, physical activity, and medication-taking habits affect their bodies—even when their body looks and feels no different. The goal is to provide a widely accessible visualization tool to all diabetics, especially those in underserved communities who are disproportionately afflicted with and affected by type 2 diabetes.

Originally published by Aaron Bell at [graduateschool.nd.edu](https://graduateschool.nd.edu) on October 18, 2021.



## **HPS Students and Faculty Present at 27th Biennial PSA Meeting**

The Notre Dame HPS program was well represented at the 27th Biennial Meeting of the Philosophy of Science Association in Baltimore, Maryland by three HPS graduate students and one faculty member. Hannah Rubin, Assistant Professor of Philosophy, presented her paper "Structural Causes of Citation Blindness."

Abigail Holmes presented the paper "Symmetry and Detectability as Physical Concepts" on behalf of her co-authors Nicholas Teh, Sebastian Murgueitio Ramirez, Oliver Traldi, and Qiong Wu.

Char Brecevic presented her paper "The Sex-Gender Distinction in Biomedical Research – A Response to Byrne and Bogardus."

Kayoung Kim presented a poster entitled "Applying Virtue Theory to Research Ethics: Trust and Testimonial Justice in Modern Laboratory Life."

Abstracts for all presentations can be found [here](#).

---

## **Recent HPS Alum Jamee Elder Won the 2021 Du Châtelet Prize in Philosophy of Physics**

Jamee Elder, HPS Ph.D '20 was announced as the 2021 Du Châtelet Prize in Philosophy of Physics award winner for her paper "On the 'direct detection' of gravitational waves" Elder completed her PhD at the University of Notre Dame and subsequently was appointed a Postdoctoral Fellow at the Black Hole Initiative, Harvard University. In the Fall, she will take up a tenure-track position at Tufts University.

The topic for this year's prize was "Measurement practices in the physical sciences: correlation, calibration and stabilization"

The winners each receive \$1000, an invitation to participate in a workshop to be held at Duke University (provisionally scheduled for April 7-9 2022), and an invitation to have their paper considered for publication in Studies in History and Philosophy of Science

# HPS Events

## The Ruskin Birthday Lecture Series

In February 2020, we hosted at Notre Dame the conference John Ruskin: Prophet of the Anthropocene, the very last event in a year of international celebrations of Ruskin's 200th birthday. On the evening of February 8, Ruskin's 201st birthday, Clive Wilmer, who had just stepped down at the end of a long tenure as Master of Ruskin's Guild of St George, delivered a keynote address, reflecting on the role of the Guild in the world.

This lecture sparked the beginning of an annual Ruskin Birthday Lecture Series at Notre Dame, in which an invited speaker would reflect on the role of the arts and humanities to address the crises of the day -- in the spirit of Ruskin, at least, if not always about Ruskin.

Due to the COVID-19 pandemic we were unable to hold the Birthday Lecture in 2021, where Gabriel Meyer, executive director of the Ruskin Art Club in Los Angeles, was meant to speak. Luckily the 2022 Birthday Lecture, in honor of Ruskin's 203rd birthday, was able to be held and Gabriel was able to join us at Notre Dame.

In his lecture, Gabriel reflected on correspondences between Pope Francis's vision of "an integral ecology" in his 2015 encyclical Laudato Si', and nineteenth-century proto-environmentalist John Ruskin's radical critique of modernity's approach to the natural world. The lecture also asked, with both thinkers, whether the environmental challenges we face are not fundamentally crises of the spirit, their deeper solutions to be found in what Pope Francis calls "ecological conversion" and Ruskin the embrace of "the sufficient life."

In his lecture to an audience filling the Oak Room, poet-journalist Gabriel Meyer is an award-winning foreign correspondent who has lived and worked throughout the Middle East, the Balkans, and East Africa. He was especially acclaimed for his coverage of the first Palestinian intifada and of the Bosnian war. His reporter's diary on the civil war in Sudan, War and Faith in Sudan (Eerdmans), won ForeWord Magazine's Book of the Year award for essays in 2006. He was awarded an honorary doctorate in recognition of his work as a journalist by the Dominican School of Philosophy and Theology at UC Berkeley in 2017. He has published poetry and two novels; a large-scale nonfiction work, The Testimony of Stones, a "biography" of Jerusalem's Church of the Holy Sepulcher, is awaiting publication. He had been involved with the historic Ruskin Art Club since 1998 and currently serves as its executive director. His essay "Ruskin and the California Dream" will appear shortly in the Ruskin Review (Lancaster University, UK). He is a Companion of the Guild of St. George.

A recorded livestream of the event can be viewed [here](#).

---

# HPS Events

## Notre Dame Founders Day Conference Session on John Zahm CSC, & Evolutionary Biology

In honor of the University's annual "Founders' Day," the President's office held a conference in honor of one of the most influential early scholars at Notre Dame, John Zahm in the Fall. The conference explored his legacy as a Holy Cross priest; as a biologist who argued strongly for the Church to embrace the theories of Charles Darwin; and as a collector of books and manuscripts for the University Library, especially the extraordinary Dante collection.

The Reilly Center sponsored a conference session on Zahm's scientific work: "Rev. John A. Zahm, C.S.C., and Science: Leaving Space for the Sacred." Chaired by Phil Sloan (emeritus professor, HPS, Notre Dame).

Speakers and topics for the sponsored section:

John Slattery (Ph.D., HPS, Notre Dame): "Zahm, Darwin, or the Vatican? Revisiting John Zahm's Struggle for the Heart of Science"

Chris Temple (Ph.D., History, Notre Dame): "Zahm, Science, and Institutional Prestige"



### HPS Colloquium Series

HPS Colloquium Talks led by various faculty and graduate students continued this year. Topics ranged from critically discussing the issues of reading historic documents in a vacuum to a professional development workshop to improve academic presentations.

# HPSTV Grad Conference

Spring brought around the third annual History and Philosophy of Science, Technology, & Values (HPSTV) Grad Conference. This year's theme was "Reasoning in the Historical Sciences". The following account was written by HPS graduate students Abigail Holmes & Patrick Shields.

On March 25-26, 2022, the graduate students of the History and Philosophy of Science Ph.D. program hosted a two-day conference on the topic of "Reasoning in the Historical Sciences." Historical sciences, often contrasted with "experimental" science, includes such fields as archaeology, paleontology, evolutionary biology, cosmology, and/or climate science. These fields have recently come to the attention of historians and philosophers of science interested in how explanations and evidence might function differently in these disciplines. Interest in the historical sciences also reflects a growing emphasis on method, practice, and local knowledge. This was the third annual instance of this conference; as in previous years, the speakers and attendees enjoyed the opportunity to network, collaborate, and share their work.

Four invited faculty speakers and four graduate student speakers presented on topics ranging over all of the aforementioned historical sciences. The speakers address both historical and philosophical issues, contributing to the interdisciplinarity of Notre Dame HPS. Dr. Meira Gold of York University opened the conference with a talk on the politics of field sites in Victorian British archaeology. She was followed by keynote speaker Dr. Nora Mills Boyd of Siena College on the epistemic status of astrophysics in comparison to so-called "experimental" sciences. The graduate student speakers opened the next day with talks on models in climate science, evolutionary biology, and counterfactual history, including a talk from current HPS History track student Joshua Tonkel on politics of the beginnings of the US Geological Survey. Dr. Max Dresow of the University of Minnesota then contributed to debates about uniformitarianism in geology. Keynote speaker Dr. Adrian Currie of the University of Exeter concluded the second day with a talk on the epistemology of the historical sciences. These latter two talks focused on case studies involving Avalon-type assemblages from the Ediacaran period.

---

For a full list of conference speakers and abstracts from their presentations, see [here](#).

---

# REILLY YEAR IN REVIEW

## BY PROGRAM

### -GRADUATE PROGRAMS-

#### **GLOBES GRADUATE CERTIFICATE PROGRAM**

##### **-2022 Graduates-**

Congratulations to this year's GLOBES graduating students -  
Mauna Dasari, PhD in Biological Sciences;  
Katherine O'Reilly, PhD in Aquatic Ecology;  
& Robert Stanley, PhD in Chemical Biology.

#### **GLOBES MINI-GRANTS**

Each year the GLOBES program awards mini grants to its Fellows to aid their interdisciplinary research. Grants are typically awarded based on the following criteria:

- Promote the interdisciplinary component of the student's research portfolio as it applies to questions of environment and society
- Create opportunities for enhancement of the student's academic background and competitiveness for future positions
- Engage different disciplines and colleges across the University and beyond
- Create networks and platforms that connect scholars from across the University

This year the program was able to award grants of \$3,000 to seven graduate students. Congratulations to:

Mohammad Farrae  
Jason Carley  
Emma Thrift

Elise Snyder  
Alison Zachritz  
Dara-Marie Raggay  
Taylor Hartson

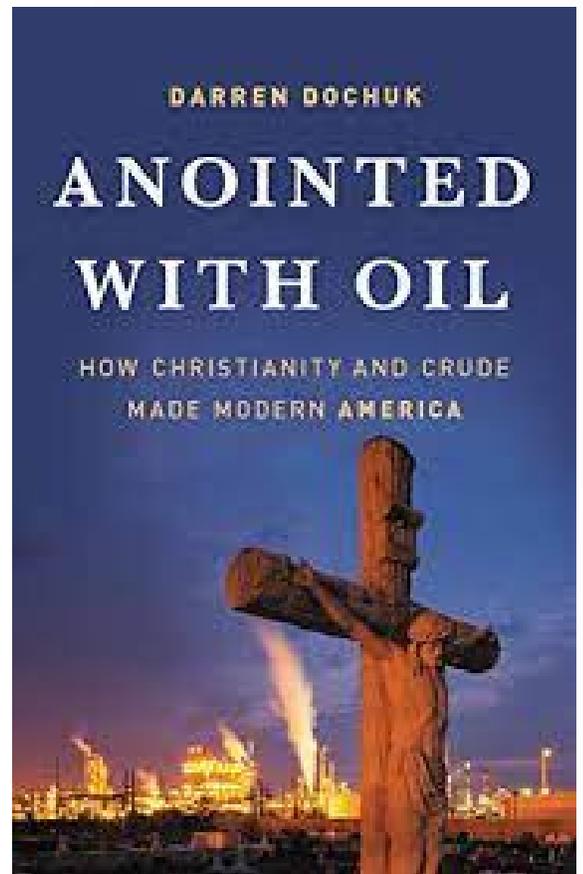
# GLOBES Events

## Darren Dochuk Book Talk

Dr. Darren Dochuk, Andrew V. Tackes College Professor of History; Director of Graduate Studies at Notre Dame, spoke to GLOBES students on his newest book "Anointed with Oil: How Christianity and Crude Oil Made Modern America".

As the book reveals, from the earliest discovery of oil in America during the Civil War, citizens saw petroleum as the nation's special blessing and its peculiar burden, the source of its prophetic mission in the world. Over the century that followed and down to the present day, the oil industry's leaders and its ordinary workers together fundamentally transformed American religion, business, and politics -- boosting America's ascent as the preeminent global power, giving shape to modern evangelical Christianity, fueling the rise of the Republican Right, and setting the terms for today's political and environmental debates.

While offering a brief overview of this broader narrative, Dochuk also pays special attention to a few particularly important oil patches and their pivotal impacts on modern US development, the legacies of which we are still living with today.



An excerpt from the book can be found [here](#).

---

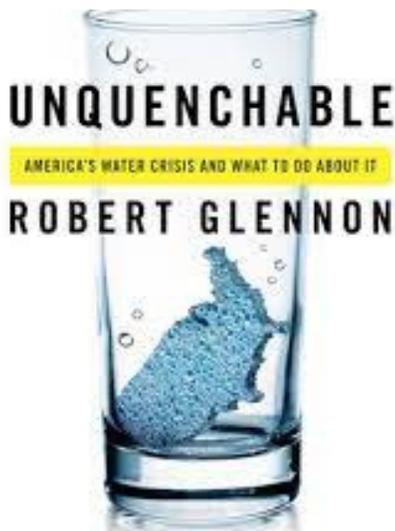
# GLOBES Events

The GLOBES program ran two successful modules this academic year - a workshop focused communication module as well as renowned speakers for the policy module.

## SCI COM WORKSHOP

In conjunction with the Science Policy Initiative on campus as well as guest speakers Dr. Cara Ocobock & Dr. Jason Organ a workshop was held as part of the GLOBES communication module. The workshop focused on helping graduate students hone their scientific presentation skills without the reliance on graphics for future speaking engagements.

## ROBERT GLENNON



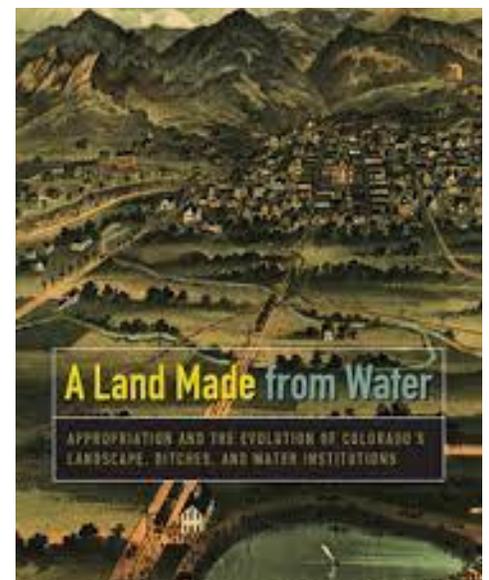
Dr. Robert Glennon came to campus to speak on his newest book "Unquenchable: America's Water Crisis and What to Do About It" and the water crisis hitting America and the pathways for necessary change.

Glennon, in his book, argues that we cannot engineer our way out of the problem with the usual fixes or the zany, but very real, schemes to tow icebergs from Alaska or divert the Mississippi River to Nevada. America must make hard choices—and Glennon's answer is a provocative market-based system that values water as a commodity and a fundamental human right.

## ROBERT R. CRIFASI

Robert R. Crifasi also spoke on the current water crisis, but from a historical perspective, using the information he gained from over twenty-five years of working in water management and planning in Colorado's deserts.

Pulling from information from his book "A Land Made from Water: Appropriation and the Evolution of Colorado's Landscape, Ditches, and Water Institutions" While the book may pull primarily from Boulder, Colorado's past, Crifasi widened the scope to explore larger questions about America's past and future and how they might affect water resources around the world.



# REILLY YEAR IN REVIEW BY PROGRAM -UNDERGRADUATE PROGRAMS-

## DUAL DEGREE IN ENGINEERING & HUMANITIES

### -2022 Graduates-

---

Congratulations to all students graduating with degrees from the College of Arts & Letters and the College of Engineering!

Stacy Manrique (FTT/CS)

Lidy Abreha (GSC/ME)

Hind Zahour (DESN/CS)

Samuel Schraer (ENGL/ME)

Samantha Manfreda (ROSP/CS)

Estefania Castillo Villarreal (ECON/AERO)

Leonardo Falquez Malesani (ECON/CE)

Federico Hita Martinez (ECON/AERO)

Nathaniel Ho (ECON/CS)

Michael Perenich (THEO/ME)

Parker Jochum (FTT/ME)

Jason Wanamaker (DESN/ME)

Emily Wilborn (DESN/ME)

Marcelo Castellanos Garcia (ECON/CS)

---

## Dual Degree Accomplishments

---

Congratulations to Dual Degree students Nathaniel Ho, Federico Hita Martinez, & Hind Zahour for winning this year's Reilly Prize for Outstanding Scholarship.

# HIND ZAHOUR'S RESEARCH ON COUNTERTERRORISM, CYBERSECURITY, AND COVID-19 LEADS HER TO RELY ON DESIGN THINKING AND COMPUTER SCIENCE TO HELP IMPROVE PEOPLE'S LIVES

"With majors in design and computer science through the Reilly Center Dual Degree Program, Hind Zahour knew very little about DNA — but she didn't let that stop her from joining a COVID-19 research team last summer.

When Zahour's consulting internship was shortened due to the pandemic, she sought out an opportunity related to the global crisis and was invited to work with Tijana Milenkovic, the Frank M. Freimann Collegiate Associate Professor of Engineering.

Zahour began reading up on gene prediction and network computing in biology and got to work running code to determine what genes are affected by COVID-19 — a process focused on helping to expedite the development of a vaccine.

"It was definitely challenging and outside my comfort zone," Zahour said. "I had to start from scratch, but I loved that I was working on something that is so important right now for everyone."

Zahour has always had an interest in the intersection of computer science and biology and was excited to explore the ways computer science can help save lives by processing vast amounts of data quickly.

"By the same token, I am also intrigued by how design thinking can work hand-in-hand with both fields to provide a human-centric approach to maximize their potential," she said. "My research last summer provided me with answers on the ways different fields can come together and work homogeneously to reach the same end, especially during periods of uncertainty."

This story originally appeared at [ai.nd.edu](http://ai.nd.edu).

Read the full article from the College of Arts & Letters [here](#).



# REILLY YEAR IN REVIEW BY PROGRAM -UNDERGRADUATE PROGRAMS-

## THE MINOR IN SCIENCE, TECHNOLOGY, & VALUES (STV)

### -2022 Graduates-

Congratulations to all of the graduates leaving the University with a minor in Science, Technology, & Values:

Jasmine Abass  
Michael Babikian  
Amy Bahadursingh  
Robert Beck  
Cecilia Bergguist  
Susan Bibbs  
Josiah Broughton  
Anamaria Nuschman  
Hannah Cunniff  
Joshua Davis  
Colette Edgar  
Elizabeth Fox  
Allison Gatz

Colin Geary  
Megan Hawley  
Erika Hill  
Rachel Jennings  
John Kalemkerian  
Rafael Kuc  
Hyeyun Lee  
Meghan Ludke  
Josephine McQuillan  
Casey Novak  
Julia Pawelek  
Megan Pophal  
Thomas Renfrew

William Roberts  
Maryann Saba  
Rachael Sanyaolu  
Arbelyn Short  
Jessica Staggs  
Abigail Sticha  
Ananya Thakur  
Kevin Toole  
Adam Valenti  
Rachel Walsdorf  
Joyce Watson  
Ritzy Widjaja  
Emily Wilt

# STV ACCOMPLISHMENTS

---

## - Senior essays -

Introduced in 2019, students may elect to meet one semester of minor requirements by undertaking an independent research project culminating in a senior essay. This entails identifying a faculty advisor to develop a research question, conducting a literature review, and writing an extended research paper (no more than 25 pages) addressing the question of their choice.

Congratulations to the following students for completing their senior research projects:

**Pia Martindale** - "Long Acting Reversible Contraceptive Use in the US."

**Allan Njomo**, "For Lower Health Care Administrative Costs, Optimize Electronic Health Records through Integrating Providers and Insurers."

"This project explores the issue of rising healthcare costs, focusing on how administrative costs contribute to them. It takes the implementation of electronic health records as a case study, and argues that encouraging their adoption is not enough—steps must also be taken to ensure the optimization of records and billing systems through the integration of health systems that brings together providers and payers. The leading example for this model is Kaiser Permanente, the nation's largest nonprofit integrated health care system. "

**Susan Bibbs**, "Ethics of Clinical Trials in Oncology."

"This paper explores the history of human subject protections in clinical research, and argues that there are unique features of oncology trials that make these regulations inadequate for this context."

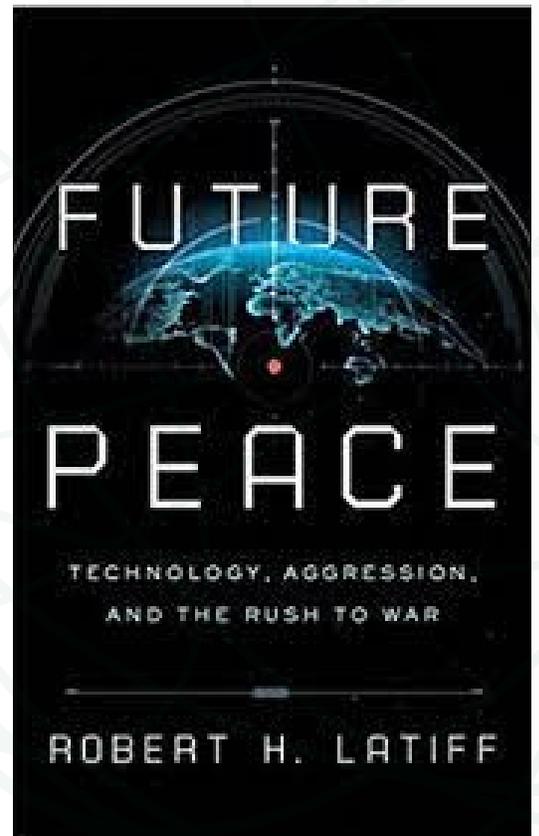
# STV Events

## Bob Latiff Book Launch "Future Peace"

The John J. Reilly Center & the Notre Dame National Security Center co-hosted a book launch for "Future Peace: Technology, Aggression, and the Rush to War " by Robert H. Latiff, published by University of Notre Dame Press.

Dr. Robert Latiff is a retired Major General of the U.S. Air Force and currently serves as an Adjunct Professor & Affiliate Faculty Member for the Science, Technology, & Values minor. In the Fall he will be teaching Emerging Nuclear Weapons Technology.

"Today's militaries are increasingly reliant on highly networked autonomous systems, artificial intelligence, and advanced weapons that were previously the domain of science fiction writers. In a world where these complex technologies clash with escalating international tensions, what can we do to decrease the chances of war? In Future Peace, the eagerly awaited sequel to Future War, Robert H. Latiff questions our overreliance on technology and examines the pressure-cooker scenario created by the growing animosity between the United States and its adversaries, our globally deployed and thinly stretched military, the capacity for advanced technology to catalyze violence, and the American public's lack of familiarity with these topics."



Read an excerpt from STV Affiliate Faculty Member Maj. Gen. Robert H. Latiff [here](#).

# **REILLY YEAR IN REVIEW BY PROGRAM -UNDERGRADUATE PROGRAMS-**

## **THE MINOR IN HEALTH, HUMANITIES, & SOCIETY (HHS)**

### **-2022 Graduates-**

Congratulations to the first ever graduates with a minor in Health, Humanities, & Society: Isabel Snee & Morgan Kincaid!

## **HHS ACCOMPLISHMENTS**

After an incredible first year of life, the HHS minor will be welcoming over 50 students back in the Fall! This is nearly double the number of students that were projected in our proposal for the new HHS minor!

---

# HHS ACCOMPLISHMENTS

## The Health, Humanities, & Society minor welcomed over 24 affiliate faculty into its ranks this year:

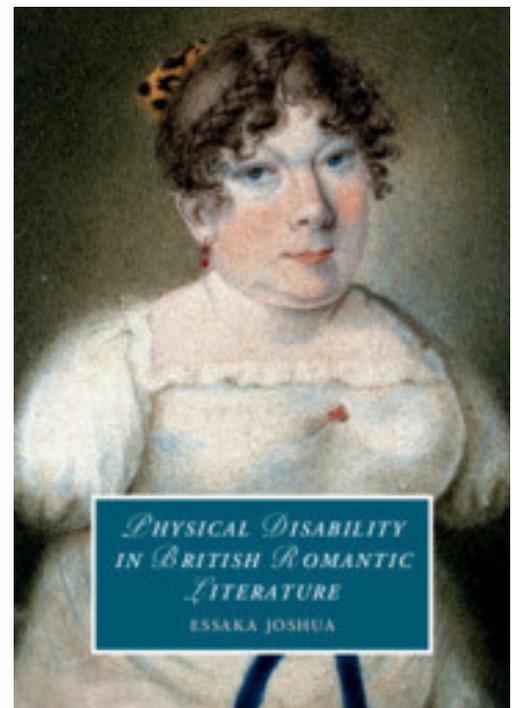
- Catherine Bolten (Associate Prof. Anthro)
- Tracie Canada (Assistant Prof, Anthropology)
- Laurel Daen (Asst. Prof, American Studies)
- Maureen Dawson (Asst. Dean in College of Arts & Letters, Office of Undergrad Studies)
- Marie Donahue (Associate Teaching Prof, Global Health Practice)
- Eva Dziadula (Associate Teaching Prof, Econ)
- Felipe Fernandez-Armesto (William P. Reynolds Prof. Of History)
- Gary B. Fromm (Assistant Prof. of Clinical Medicine)
- Lee Gettler (Associate Prof, Anthropology)
- Ira Halpern (NEH/Teagle Foundation Postdoctoral Scholar)
- Essaka Joshua (Associate Prof, English)
- John Onyango (Associate Prof, Architecture)
- Ijeoma Kola (Reilly Center Postdoctoral Scholar)
- Janet Kourany (Associate Prof, Philosophy)
- Kate McCabe (Reilly Center Postdoctoral Scholar)
- Terence McDonnell (Associate Prof of Sociology; Associate prof in Keogh School of Global Affairs)
- Vanesa Miseres (Assistant Prof, Romance Languages & Lit)
- Cara Ocobock (Director, Human Energetics Lab)
- Paul Perrin (Director of Evidence and Learning, Pulse Institute for Global Development; Associate Prof of the Practice)
- Evan Ragland (Assistant Prof, History)
- Karen Richman (Prof of the Practice)
- Aidan Seale-Feldman (Assistant Prof, Anthro)

# HHS Events

## HHS Affiliate Faculty Member, Essaka Joshua, Book Launch

Dr. Essaka Joshua, Associate Professor of English & Affiliate Faculty Member of HHS, celebrated the launch of her new book "Physical Disability in British Romantic Literature" in Fall 2021.

"The modern concept of disability did not exist in the Romantic period. This study addresses the anachronistic use of 'disability' in scholarship of the Romantic era, providing a disability studies theorized account that explores the relationship between ideas of function and aesthetics. Unpacking the politics of ability, the book reveals the centrality of capacity and weakness concepts to the egalitarian politics of the 1790s, and the importance of desert theory to debates about sentiment and the charitable relief of impaired soldiers. Clarifying the aesthetics of deformity as distinct from discussions of ability, Joshua uncovers a controversy over the use of deformity in picturesque aesthetics, offers accounts of deformity that anticipate recent disability studies theory, and discusses deformity and monstrosity as a blended category in *Frankenstein*. Setting aside the modern concept of disability, Joshua cogently argues for the historical and critical value of period-specific terms."



# HHS Events

## Educating the Whole Physician Speaker Series

---

The Health, Humanities, and Society program is made possible by the great generosity of Joan Storzynski Coogan and Phil Coogan. The Reilly Center, through the Educating the Whole Physician lecture series, funds academic lectures and other events on the ND campus (or virtually) each academic year that address medicine, illness, disability, medical education, or any similar subject. Proposals from the humanities, arts, and the social sciences that engage with these subjects are especially welcome, though funding is open to faculty from all colleges.

**The Educating the Whole Physician series will return in Fall 2022 under a new name of The HHS Speaker Series.**

Educating the Whole Physician Series Speakers and Topics:

- [Andrea Knittel](#) - "Addressing Reproductive Health Disparities for Women Involved in the Criminal Legal System"
- [Elizabeth Mellyn](#) - "Medicine's Forgotten Histories: A Day in the Life of an 18th Century Hospital Physician"
- [Jallicia Jolly](#) - "'I'm Not Sick!': HIV-Positive Black Women Mobilizing for Rights, Resources, & Reproductive Justice in Jamaica"
- [Kelly Underman](#) - "Feeling Medicine: How the Pelvic Exam Shapes Medical Training"
- [Carlos R. Bolden & Sally A. Dixon](#) - "The Role of Healthcare Providers in Eliminating Racial Inequalities in Maternal and Infant Health Outcomes"
- [Saira Nawaz & Gloria Itzel Montiel](#) - "Centering Community to Advance Health Equity: Lessons from Evaluation of Co-Developed Interventions in Latinx Communities"



## Reilly Undergraduate End of Year Symposium

This year marked the beginning of an annual Reilly Center End of Year Symposium. Held at the Eck Center Atrium, students from Professors Ijeoma Kola & Katharine McCabe's classes opened the evening presenting their final research projects as posters. The topics were vast, ranging from intersections of race & disability to the connection between adverse childhood experiences & HPV vaccine uptake rates in adulthood. Posters were judged by a panel of visiting alumni.

After opening remarks from Sarah A. Mustillo, the I.A. O'Shaughnessy Dean of the College of Arts & Letters, the rest of the evening continued in the Eck Center Auditorium to hear capstone presentations by

- Pia Martindale (HESB senior)
- Simona Spiegel (Anthropology Graduate Student)
- Allan Njomo (STV adjacent/Mendoza Student)
- Susan Bibbs (STV)

Following the presentations was a Q&A session with our visiting alumni - Dr. Nicholas Nissen, Dr. Kelly Colas, Julie Mackessy, & Katherine Girdhar speaking on their experiences in the medical world since leaving Notre Dame.



Closing out the evening was a keynote presentation by Dr. Deirdre Cooper-Owens on health inequalities in history in relation to gender and race from her book "Medical Bondage: Race, Gender, & the Origins of American Gynecology"



# Awards & Prizes

## 2022 REILLY PRIZE WINNERS

---

The Reilly Prize has traditionally been given to selected rising fifth-year Reilly Scholars to specially recognize and honor their personal excellence. The disruptions of the pandemic in 2020 have resulted in changes to the program: the prize is now awarded to graduating fifth years. Reilly Prize winners receive a \$5,000 award and public recognition at Commencement.

This year's Reilly Prize winners are Nathaniel Ho, Federico Hita Martinez, & Hind Zahour. Congratulations to them and good luck as they continue their excellent work in their post-collegial life.

---

## 2022 SLOAN PRIZE WINNER

---

Every year the HPS program awards the Sloan Prize to an advanced graduate student. The prize is given to a student who is thought to embody the values of scholarship and service exemplified by one of the founders of our Program, emeritus professor Phil Sloan. We are very pleased to announce that this year's Sloan Prize was awarded to Char Brecevic. Char has just completed her sixth year in the HPS program in the Philosophy track. She has accepted a tenure track position as an Assistant Professor of Philosophy at Seattle University in the Fall.

---

## ADDITIONAL PRIZES & AWARDS

---

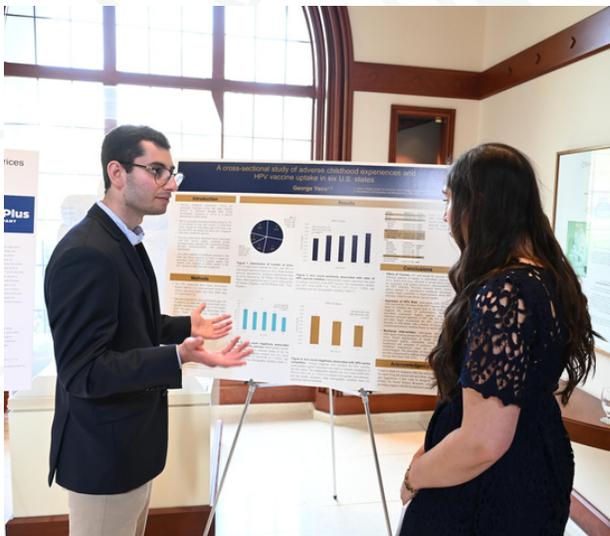
**HHS Outstanding Teaching Award:** Dr. Ijeoma Kola

**Kaneb Center "Outstanding Graduate Student Teacher Award":** Sam Hall

**Storozynski Prize for Outstanding Undergraduate:**  
Julia Ruelle

**Winners of the Symposium Poster Presentation Award:** Sarah Cernugel, Faith Woods, & George Yacu

**Reilly HPS Fellowship Award:** Patrick Shields & Kayoung Kim



# Reilly Center

# NEWSLETTER

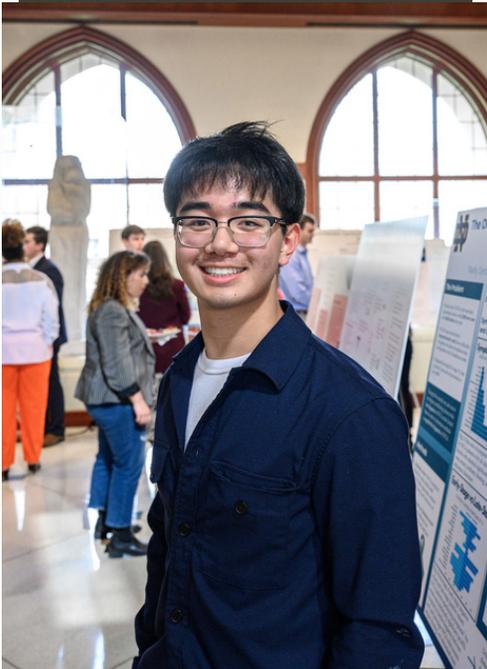
2021-2022

## Future Events

The 2022-2023 academic year will continue to see exciting things come from the Reilly Center. This includes the continuation of the Reilly Colloquiums in the Fall, as well as several conferences for GLOBES, and affiliate faculty member Phil Mirowski. Laura Portwood-Stacer will be leading a Book Proposal Zoom Webinar on Sept. 16, shortly after Fall semester begins.

When we return for Spring semester, we return to several conferences & speaking events - including continuations of the HPSTV grad conference & Ruskin Birthday Lecture.

Several speakers for all of the Center's programs will be littered throughout the semesters, all to conclude with the 2nd Annual End of the Year Symposium.



## Closing Thoughts

This was an incredibly exciting year for the Reilly Center as we continue to return to a sense of normalcy and watch the Center grow and expand. As our final big change before we return in the Fall, the Reilly Center will be moving to 219 O'Shaughnessy Hall after residing in the Geddes Hall attic for the past decade. We look forward to welcoming students and faculty back into the new space.