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Petersheim Academic Exposition

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4-25-2022

## 2022 Schedule of Events

Seton Hall University

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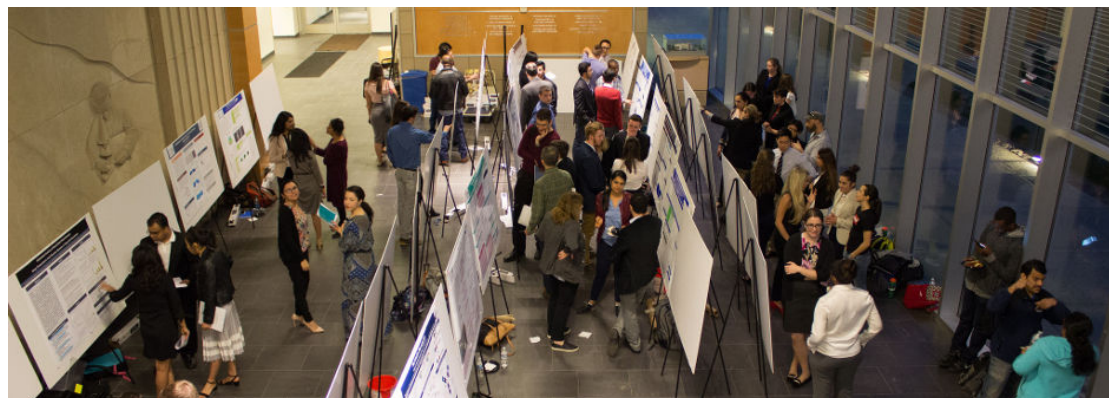
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## The Petersheim Academic Exposition



## Schedule of Events

The schedule for the **26th Annual Petersheim Academic Exposition**, taking place Monday, April 25 – Friday, April 29, 2022, can be viewed below. *Information on the locations for presentations (in-person, virtual or hybrid) is available below.*

### Monday, April 25, 2022

#### **The S.H.U. Awardees at the Inaugural BIG EAST Undergraduate Research Poster Symposium**

**Organizer:** [Sulie Chang](#); [Jose Lopez](#); [Dawn Apgar](#)

At the Big-East Conference in March, five Seton Hall University undergraduate research teams represented the 2021 Petersheim Academic Exposition Travel Awardees. Their presentation at the inaugural BIG EAST Undergraduate Research Poster Symposium revealed how our 26-year-old Petersheim academic exposition has advanced beyond S.H.U. (Share, Honor, Unite) and enabled our students, via their research competition, to share and to network within the BIG EAST undergraduate family. This event is designed to celebrate the accomplishment of the S.H.U. researchers and to seek input to plan our

participation/presentation in future BIG EAST Undergraduate Research Poster Symposia.

11:30 a.m. – 3 p.m. (Bethany Hall, Rooms B and C; [click here to view the event live](#))

### **2022 Petersheim Academic Exposition Opening Ceremony and Keynote Lecture**

**Organizers:** [Sulie L. Chang](#), [Jose L. Lopez](#)

Welcome Address from Joseph Nyre, Ph.D., Seton Hall University President

*Keynote Speaker:* Georita M. Frierson, Ph.D., Dean of the College of Arts and Sciences

Noon – 2 p.m. (Bethany Hall, Rooms B and C and Virtual; [click here to view the video](#))

**R.S.V.P. for the in-person opening ceremony and lunch »**

### **Representations of the Body in Early America**

**Organizer:** [Mary Balkun](#)

This session will feature an engaging series of student posters that depict various representations of the body in early America, including the gendered body, the raced body, the body in motion, and the body in transition. The presenters are currently enrolled in an Early American Literature class.

4 p.m. (Virtual; [click here to join the event live](#))

### **Clare Boothe Luce Scholar Symposium**

**Organizer:** [Weining Wang](#)

6 – 7 p.m. (Virtual; [click here to join the event live](#))

### **Language Acquisition and Cultural Understanding: Interactive Oral Practices**

**Organizer:** [Dongdong Chen](#); [Diana Alvarez-Amell](#)

This panel addresses how to improve oral proficiency in the Chinese, Russian and Spanish classrooms. Students of these foreign languages will discuss what they have achieved with interactive oral assignments or projects such as podcasting and VoiceThread. Students will display samples of their work in the target languages. Learning a new language involves acquiring the knowledge and understanding of another culture. They will also discuss their experiences in the process of acquiring a new linguistic skill, which incorporates the understanding of diverse cultural practices.

6:15 – 7:30 p.m. (Virtual; [click here to join the event live](#))

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Tuesday, April 26, 2022

### **Petersheim Interdisciplinary and Study Abroad Poster Session**

**Organizer:** Martha Schoene

Students will share their research posters and orally present their research for topics in geology, study abroad and a variety of other topics. Online forum poster presentations include:

- Bacteria in Water at 5th Ave. Bay Front Beach by Lauren E. Best
- Rip Currents Off Montauk by Peter S. Chang
- Examination on Rip Current Induced Beach Erosion by Muhammed Z. Mirza
- Save Our Town from Flooding by Nickolas B. Naticchione

9:30 – 11 a.m. (Virtual; [click here to join the event live](#))

### **Peoples and Cultures of America Symposium I**

**Organizer:** Forrest Pritchett

Undergraduate and graduate students will present their work that will range from racism, sexism classism and religious bigotry. A special presentation on the history of Asian migration into the United States and anti-Asian, Asian Pacific Islander (AAPI) bias will occur.

11 a.m. – Noon (Virtual; [click here to join the event live](#))

### **Interdisciplinary Education on Older Adults: A Closer Look**

**Organizers:** Dawn Apgar; Sherry Greenberg

This session will be discussing a recently awarded Seton Hall grant focused on examining the impacts of interdisciplinary education on older adults on the attitudes and competencies of undergraduate students. The session will be moderated by Dawn Apgar, Ph.D., Assistant Professor of Social Work, and the Director of Seton Hall's undergraduate social work program. Panelists include Sherry Greenberg, Ph.D., R.N. who is a professor in nursing and undergraduate students Catherine Hawkins (nursing) and Lori Zerrusen (social work). Heather Lee, Ph.D., will also speak about teaching in Seton Hall's Interdisciplinary Certificate on Gerontology. The moderator and panelists will discuss their own research and professional interests focused on older adults. For example:

- Sherry Greenberg will describe her participation in interprofessional education programs including the senior oral health project with undergraduate and graduate nurse practitioner students as well as dental

students focused on oral health and hygiene for older adults in the community.

- Heather Lee will speak about the value of interdisciplinary education based on her vast social work and health care experience, as well as reflect on having students from different disciplines in the classroom for rich discussions on older adults.
- Catherine Hawkins will describe her educational experience aimed at addressing functional and sensory issues in older adults which included collaboration with graduate occupational therapy students.
- Lori Zerrusen will describe her recently published research article on the impacts of COVID-19 on older adults.

*This session is great for those who are interested in learning more about the ways in which Seton Hall aims to enhance the competency of its students in working with older adults. It will end with brainstorming about further ways in which interdisciplinary opportunities can be expanded.*

Noon – 1 p.m. (Virtual; [click here to join the event live](#))

### **Petersheim Interdisciplinary and Study Abroad Oral Presentations Event**

**Organizer:** [Martha Schoene](#)

This session will feature live and recorded presentations from students in Catholic Studies, Diplomacy & International Relations, Economic, Nursing, Education & Human Services, Political Science, and other subjects.

1 – 3:30 p.m. (Stafford Hall, Room 207 [*in-person seating for 35 people*] and Virtual; [click here to join the event live](#))

### **Making Connections: Using Genomics to Link Genes to Human Conditions**

**Organizer:** [Jessica Cottrell](#)

Seton Hall Human Genetics students will provide short oral poster presentations of their class genomics projects. Student projects are part of the OMICs Course-based Research Program implemented in 2018. Each project empowers Seton Hall students to utilize cutting-edge Qiagen Ingenuity Pathway Analysis to identify important genetic and molecular connections of the immune system with a human condition or disease. Students will be investigating human conditions including HIV, anxiety, Parkinson disease, Schizophrenia, and more.

2:30 – 5 p.m. (Virtual; [click here to join the event live](#))

### **Social Work for Social Justice: Teaching to Mission – Integrating**

## **Catholic Social Teaching into Social Work Education**

**Organizer:** [Anthony Nicotera](#)

Seton Hall's unique, innovative Academy, Catholic Social Thought in Action: Integrating Catholic Studies and Social Work Pedagogy and Practice, presents Barbara Shank, Ph.D., social work leader and scholar, Dean and Professor Emerita, who will share insights and recommendations for social work social justice pedagogy and practice. Shank will share lessons from her work to integrate Catholic Social Teaching into the Social Work curriculum as Dean of the University of St. Thomas School of Social Work.

Shank's efforts were invited and inspired by Ex Corde Ecclesiae's call to Catholic universities to include in their research and teaching agendas the study of contemporary problems such as the dignity of the human person, the promotion of justice for all, the quality of personal and family life, the pursuit of peace, a just sharing of resources, and economic justice. The Catholic university is called to study these issues, paying special attention to their ethical and religious dimensions (Pope John Paul II, 1990). Shank will also invite conversation and dialogue about how Seton Hall and other Catholic institutions might apply these lessons in what Dr. Martin Luther King, Jr. would call "the fierce urgency of now."

4 - 5 p.m. (Virtual; [click here to join the event live](#))

## **Department of Chemistry & Biochemistry Petersheim**

### **Symposium: Accelerating Drug Development Through Innovation for the Stereoselective Synthesis of Cyclic Dinucleotide MK-1454**

**Organizers:** [Cecilia Marzabadi](#), [Jacob Goldsmith](#)

*Keynote Speaker:* Nastaran (Naz) Salehi Marzijarani, Associate Principal Scientist, SM PR&D, Process Chemistry, Merck

5:45 - 7 p.m. (McNulty Hall, Room 101 and Virtual; [click here to join the event live](#))

## **Department of Chemistry and Biochemistry Poster Session**

**Organizers:** [James Hanson](#), [Cosimo Antonacci](#)

7 - 9 p.m. (McNulty Hall, Atrium)

To access the event virtually, please R.S.V.P. to Professor James Hanson at [james.hanson@shu.edu](mailto:james.hanson@shu.edu).

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Wednesday, April 27, 2022

**Catholic Social Thought in Action: Integrating Catholic Studies and**

## **Social Work Pedagogy and Practice**

**Organizers:** [Anthony Nicotera](#); [Dawn Apgar](#); [Ines Murzaku](#)

This presentation will feature the work and vision of the recently established unique, innovative Seton Hall Academy, Catholic Social Thought in Action: Integrating Catholic Studies and Social Work Pedagogy and Practice. Giving life to Pope Francis' call to institutions of higher learning to be engaged in the work of shaping environments of creative thinking and dismantling structures of injustice, the Academy Leadership Team will provide updates related to their research, upcoming events, and planned courses at the intersection of Catholic Social Thought (CST), Catholic Studies, and Social Work.

Academy Leadership Team members include: Ines Murzaku, Ph.D., Director of Catholic Studies Program, Professor of Religion; Dawn Apgar, Ph.D., Director of the B.A. in Social Work Program, Assistant Professor of Social Work; Anthony Nicotera, Ph.D., Assistant Professor of Social Work; Amanda Cavanagh, Assistant Director, DOVE; and Giselle Pineda, Undergraduate Student Leader.

9 – 10 a.m. (Virtual; [click here to join the event live](#))

## **Community Research and Engagement in Action**

**Organizer:** [Timothy Hoffman](#)

The Center for Community Research and Engagement (CCRE) will host a session where students who have been working with CCRE throughout the past academic year will share their research findings from projects on topics including immigration, environmental justice, and the digital divide in education during the COVID-19 pandemic.

10 a.m. – Noon (Beck Rooms – TLTC, Walsh Library and Virtual; [click here to join the event live](#))

## **Success in Research and Scholarship Fair**

**Organizer:** [Dean Georita Frierson](#)

The College of Arts and Sciences will introduce students to research opportunities and the creative fulfillment that comes from academic work. The College is inviting prominent alumni for students to network with, as well as students that are already participating in research here at the university. The event is also an opportunity to highlight the scholarly achievements of our faculty, including scholarship, research, and other creative work. The College will celebrate the books, manuscripts, creative accomplishments, grants, and awards its faculty and students have earned.

11:30 a.m. – 3 p.m. (Bethany Hall, Room A)

### **Virtues of Inquiry Across the Continuum: The Need for Ethics in Research at Every Level**

**Organizer:** [Bryan Pilkington](#)

In this Petersheim Keynote Session, leading scholars in research ethics as well as researchers will discuss the importance of ethics in research at the undergraduate, graduate, and professional levels. This session will feature Ana Iltis, Ph.D., (Director of the Center for Bioethics, Health and Society and Professor of Philosophy, Wake Forest University), Rachel Annunziato, Ph.D. (Professor of Psychology and Associate Dean for Strategic Initiatives, Fordham University), and Seton Hall's own Kathy Nagle, Ph.D., (SLP) and Richard Boergers, Ph.D. (AT). A questions and answer session will follow their interactive presentations. *The session will be moderated by Bryan Pilkington, Ph.D., (IHSA), with an opening welcome from Seton Hall's President, Joseph E. Nyre.*  
Noon – 1:30 p.m. (Virtual; [click here to join the event](#))

### **Bishop Bayley's Conversion and Legacy in the Church in New Jersey**

**Organizer:** [Gerald Buonopane](#); [Ines Murzaku](#)

The Department of Catholic Studies at Seton Hall University is pleased to host a lecture in celebration of the 180th anniversary of Bishop James Roosevelt Bayley's conversion to the Catholic faith. Rev. Msgr. Raymond Kupke, PhD, presenting "Bishop Bayley's Conversion and Legacy in the Church in New Jersey," will discuss this watershed event in the life of the Catholic Church in America—and in particular, of our state and University.

2 – 3:30 p.m. (Beck Rooms, Walsh Library and Virtual; [click here to join the event live](#))

### **Scholarly Communication Symposium**

**Organizer:** [Lisa DeLuca](#)

Join student editors of Arts & Sciences Undergraduate Research and University Libraries to learn about how SHU's [eRepository](#) supports student scholarship and how to establish your own ejournal with SHU librarians.

Sessions will include:

- "Student Scholarship: Expanding our understanding of undergraduate research circulation and readership in the Locus Journal" by Samantha Bernstein and Shardai Smith
- "Setting up an ejournal in the SHU eRepository" by Lisa DeLuca, Michael Murphy and Maria Barca



2:30 – 4:30 p.m. (Common Area, Walsh Library)

### **Bioethics: Undergraduate Research in Ethics, Health, and Medicine**

**Organizer:** [Bryan Pilkington](#)

Following the Petersheim Keynote Session, Virtues of Inquiry Across the Continuum: The Need for Ethics in Research at Every Level, in this session undergraduate student scholars present their research on ethical issues in healthcare, medicine, and global bioethics.

3:30 – 4:45 p.m. (Virtual; [click here to join the event](#))

### **Department of Physics Student Research Symposia: Oral and Poster Presentations**

**Organizer:** [Weining Wang](#)

6 – 8 p.m. (Virtual; [click here to join the event live](#))

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## Thursday, April 28, 2022

### **Peoples and Cultures of America Symposium II**

**Organizer:** [Forrest Pritchett](#)

Undergraduate and graduate students will present their work that will range from racism, sexism classism and religious bigotry. A special presentation on the history of Asian migration into the United States and anti-Asian, Asian Pacific Islander (AAPI) bias will occur.

11 a.m. – Noon (Virtual; [click here to join the event live](#))

### **Faculty Research Showcase**

**Organizer:** [Norma Rubio](#)

*Moderators: John Buschman, D.L.S, Dean of University Libraries and Michael LaFountaine, Ed.D., Professor, Department of Physical Therapy*

At Seton Hall University, research is a range on multiple fields of knowledge, and this implies that it derives from different disciplines. As a result of this, the findings of this research are multi-dimensional. This research showcase exhibits how scientific knowledge is generated, and how critical that knowledge is in shaping decisions in our personal lives and in the public domain. [Click here to view the presenters and session agenda.](#)

9:25 a.m. – 1:30 p.m. (Virtual; [click here to access the event](#))

### **MLK Oratory Exhibition: Speaking with Conviction**

**Organizer:** [Forrest Pritchett](#)

2 – 3 p.m. (Virtual; [click here to access the event](#))

## **The Ukrainian Icon: A Piece of Heaven on Earth**

**Organizer:** Gloria Aroneo

A one-day symposium featuring two distinguished scholars from the Ukrainian Catholic Metropolitan of the Archeparchy of Philadelphia, His Grace Boris Gudziak and iconographer extraordinaire Maestro Andriy Demyanchuk, Ph.D. of Lviv. Maestro Demyanchuk will speak about the history and creation of traditional icons in Ukraine. Bishop Boris will speak about the newest iconography in Ukraine. These icons written by soldiers, veterans, and invalids of the ongoing hybrid war in Ukraine, are on the discarded boxes of war material. When he was enthroned as Metropolitan of Philadelphia in 2019, he put these heartfelt icons in the Cathedral of the Immaculate Conception, so that the faithful can pray for the cessation of hostilities to this day.

2 – 4 p.m. (Bethany Hall and Virtual; [click here to join the event live](#))

## **14th Annual Biological Sciences Symposium: Observe, Explore, Achieve**

**Organizer:** Edward Tall

Graduate and undergraduate students will be presenting posters of their work, sharing their knowledge and experiences with each other and with guests. Following the poster session, a prominent researcher will present some of their work and share their knowledge with us. The schedule of 2022 BioSymposium includes:

- **3 p.m.:** Opening Remarks, *Heping Zhou, Ph.D., Chair of Biological Sciences* (McNulty Hall, Atrium)
- **3:05 p.m.:** Poster Session - Research and Senior Seminar, *Graduate and undergraduate student presentations* **\*MASKS REQUIRED FOR POSTER SESSION\***
- **5:25 p.m.:** Keynote Seminar, *Speaker: Barbara Mason, Ph.D., Clinical Psychologist, Scripps Research Institute, "Current Status and Innovation Strategies for Medications to Treat Alcohol Use Disorder"* (McNulty Hall, Lerner Ampitheater SC-101)
- **6:25 p.m.:** Closing Remarks, *Edward Tall, Ph.D., Biosymposium Committee Chair*

3 – 6:30 p.m. (McNulty Hall, Atrium and Lerner Amphitheater SC 101)

## **Mission Mentors Program Presentations**

**Organizer:** Mary Balkun

Five sets of Faculty “partners” were approved as the first participants in the

"Mission Mentors Program" in summer 2021. The goal of this program is to advance the Catholic mission of the university. In each case, a faculty member with experience in/with the Catholic intellectual tradition was partnered with one or two other faculty members who were interested in deepening their knowledge of that tradition. Working together, the teams developed a project—a new course, a symposium, a paper, etc.--and those will be the basis of their presentations in this Petersheim session. There will also be time for Q&A.

4 - 5:30 p.m. (Virtual; [click here to join the event live](#))

### **Siombailí na hÉireann: Examples of Essential and Enduring Symbols in Irish History**

**Organizer:** [Eilish Harrington](#)

Presentation by University Archivist, Alan Delozier, D.Litt.

Sponsored by Pirates of Irish Persuasion & Extraction (PIPE)

4 - 5 p.m. (Jubilee Hall, Room 132 and Virtual; [click here to join the event live](#))

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## Friday, April 29, 2022

### **First Year Symposium**

**Organizer:** [Forrest Pritchett](#)

9 - 10:30 a.m. (Virtual; [click here to join the event live](#))

### **Core III and the Catholic Intellectual Tradition, Session I**

**Organizer:** [Eric Johnston](#)

Student presentations arising from STHO / HSTD 6585: Creation and Science

9 - 10:30 a.m. (Virtual; [click here to join the event live](#))

### **Department of History: Honors in History Presentations**

**Organizer:** [Sara Fieldston](#)

Students participating in the History Honors Research Program will share their research.

10 a.m. - Noon (Fahy Hall, Room 307 and Virtual; [click here to join the event live](#))

### **Core III and the Catholic Intellectual Tradition, Session II**

**Organizer:** [Eric Johnston](#)

Student presentations arising from CORE III course: Logic, the Limits to Knowledge, and the Catholic Intellectual Tradition

11 a.m. - 12:30 p.m. (Virtual; [click here to join the event live](#))

**Mandela King-Symposium on Global Justice****Organizer:** Forrest Pritchett

MLK Scholars will present a review of Catholic saints who made contributions in the realm of social justice. Faculty will present research, or review directions in their disciplines or their personal perspectives on diversity, equity and inclusion directions devoted to the visions and energies of Mandela and King Jr. They will also discuss what advocacy efforts the men might collaborate on in today's society.

11 a.m. – 1 p.m. (Virtual; [click here to join the event live](#))

**Mathematics, Computer Science and Data Science Petersheim Day****Organizer:** Tara Wager

The Mathematics and Computer Science Department presents a daylong event for the 26th Petersheim Academic Exposition. Events of the day will include the Charles H. Franke Memorial Lecture, Pi Mu Epsilon Honor Society induction ceremony and the John J. Saccoman Graduation Award ceremony. The day will conclude with the mathematics, computer science and data science students' poster presentations.

Starting at 1 p.m., our Charles H. Franke Memorial Lecturer will be Gurdeep Kaur, Chief Information Security Officer at PSEG. The session will cover the recent trends in cyber security and what the field has to offer for researchers and graduated. Kaur will give students understanding of different types of cyber threats, vulnerabilities and possible mitigation measures. All are welcome to attend.

1 – 4:15 p.m. (Virtual; [click here to join the event live](#))

**Introductory Irish Language Workshop****Organizer:** Eilish Harrington

Irish Language Instructor Regina Femminella will lead an introductory Irish language workshop. This event is sponsored by Pirates of Irish Persuasion & Extraction (PIPE).

2:30 – 4 p.m. (Jubilee Hall, Room 111 and Virtual; [click here to join the event live](#))

**2022 Petersheim Academic Exposition Closing Celebration and Awards Ceremony****Organizer:** Edward Tall

The formal close to our week of events. The Closing Ceremony will feature a keynote address by Rev. Forrest M. Pritchett, Ph.D., Senior Advisor to Seton Hall University's Provost on Diversity, Equity and Inclusion, titled "Science and

the Human Community."

3 – 5 p.m. (McNulty Hall, Ampitheater and Virtual; [click here to join the event live](#))

### **Core III and the Catholic Intellectual Tradition: Literature and Faith**

**Organizer:** [Eric Johnston](#)

The session will include presenters from Core III courses by Nancy Enright, Ph.D. and Angela Weisl, Ph.D.

4 – 5 p.m. (Virtual; [click here to join the event live](#))

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## Connected Events

### **Democracy in Crisis: A Call for Political & Social Justice for the Grand Challenges for Social Work and Society**

**Organizer:** [Dawn Apgar](#)

This poster session features the capstone projects of students graduating with the BA in Social Work. Their research focuses on policy analyses aimed at enhanced political action to tackle the nation's toughest social problems.

Areas of focus include ensuring healthy development for all youth, closing the health gap, stopping family violence, advancing long and productive lives, eradicating social isolation, ending homelessness, creating social responses to a changing environment, harnessing technology for social good, promoting smart decarceration, and reducing extreme economic inequality.

Asynchronous; [Click here to view event materials](#)

### **Eco-Fest on the Green**

**Organizer:** [Wanda Knapik](#)

Earth Week Celebration on the Campus Green hosted by the Ecology Club and the Green New Deal Club.

Tuesday, April 19

12 – 4 p.m. (University Campus Green)

### **Psychology Research Symposium**

**Organizer:** [Fanli Jia](#)

Graduate and undergraduate students will be presenting their research in the symposium.

Friday, April 22

1 – 2:30 p.m. (Jubilee Hall, Room 383)