

SUMR

2025 Research Symposium

August 11, 2025 - August 15, 2025

Summer Undergraduate Mentored Research Program



Schedule of Events

All sessions will be held in the Colonial Penn Center Auditorium, 3641 Locust Walk, or can be accessed via Zoom at: <https://upenn.zoom.us/j/96847962443>

The schedule is approximate and may run ahead or behind.

SUMR (only) Scholar

Expanding Healthcare Access SUMR Scholar

LDI Dental Health Services Research Fellow

Monday, August 11

- 10:00 - 10:30 AM **Breakfast & Welcome by Joanne Levy**
- 10:30 - 11:00 AM **Ysabella Perez**
Title: *Health System Nursing Factors and Their Impact on Healthcare Quality, Equity, and Patient Outcomes*
Mentor: Dr. Eileen Lake
- 11:00 - 11:30 AM **Orlando De Hoyos**
Title: *Near Miss, Real Lessons: How Providers Perceive and Learn from Near Misses*
Mentor: Dr. Eda Algur
- 11:30 - 12:00 PM **Avi Talsania & Amirahimaan Kalonji**
Title: *Environmental Influences on Child Health Outcomes*
Mentor: Dr. Heather Burris, Dr. Timothy Nelin, and Kisha Gaskins
- Lunch: 12:00 - 12:30 PM**
- 12:30 - 1:00 PM **Arnel Polo**
Title: *KeepCalm Project*
Mentor: Dr. Heather Nuske
- 1:00 - 1:30 PM **Orlando De Hoyos**
Title: *PPP Loan Forgiveness in Nursing Homes: A Descriptive Analysis of Organizational and Resident Characteristics*
Mentor: Dr. Jasmine Travers
- 1:30 - 2:00 PM **Sophia de Sousa Pereira**
Title: *The We Age Project*
Mentor: Dr. Jasmine Travers
- Refreshment Break: 2:00 - 2:45 PM**

- 2:45 - 3:15 PM **Sharon Alex**
Title: *A Comparative Multi-National Analysis of Sexual Orientation and Gender Identity (SOGI) Demographics*
Mentor: Dr. Julia Lynch
- 3:15 - 3:45 PM **Alyssia Lui & Chinelo Osakwe**
Title: *Inclusion of Language-Diverse Individuals in Autism-Related Clinical Trials*
Mentor: Dr. Kate Wallis
- 3:45 - 4:15 PM **Chinelo Osakwe**
Title: *Economic Implications of Interventions Targeting Vulnerable Populations*
Mentor: Dr. Laura Starbird
- 4:15 - 4:45 PM **Sanya Tinaikar**
Title: *Methods for Improving Representative Research Engagement and Recruitment*
Mentor: Dr. Chén Kenyon & Dr. Aditi Vasan
- 4:45 PM **Adjourn for the Day**

Tuesday, August 12

- 8:30 - 9:00 AM **Breakfast**
- 9:00 - 10:00 AM **Sonia Gazula & Rachael Suh**
Title: *Healthy Lungs: Comparing Ways to Promote Smoking Cessation for Underserved Patient Populations Referred for Lung Cancer Screening*
Mentor: Dr. Joanna Hart & Emma Britez Ferrante
- 10:00 - 10:30 AM **Sristi Halder**
Title: *Measuring Impact of Policy Change on Clinical Outcomes Among Lung Transplant Recipients*
Mentor: Dr. Atul Gupta & Aidan Crowley
- 10:30 - 11:00 AM **Sristi Halder**
Title: *Use of Security Personnel in Clinical Settings*
Mentor: Aidan Crowley
- 11:00 - 11:30 AM **Sanjana Kashyap**
Title: *PIT Doctors Efficacy/ED Diversion*
Mentor: Dr. Ari Friedman
- 11:30 - 12:00 PM **Victor Gelpi**
Title: *Large Language Model Performance on Cognitive Impairment Screening*
Mentors: Dr. Ari Friedman & Michael Adjei-Poku

Lunch: 12:00 - 12:30 PM

12:30 - 1:00 PM **Shruthika Padhy**
Title: *Racial & Ethnic Disparities in Genetic Databases: Implications for Health Equity*
Mentors: Skip Rosoff, Dr. Rob Field & Dr. Anthony Orlando

1:00 - 1:30 PM **Rain Smith**
Title: *The Development of an EHR-based Phenotyping Algorithm to Identify and Assess Recommendations for Activity Restriction in Pregnancy*
Mentors: Dr. Beth Pineles

Refreshment Break: 1:30 - 2:15 PM

2:15 - 2:45 PM **Rachael Suh & Aditi Halpe**
Title: *Patient, Community, and Provider Perspectives on Primary Care for CKD*
Mentors: Dr. Renee Betancourt & Dr. Jaya Aysola

2:45 - 3:15 PM **Eno Etuk & Solange Arias**
Title: *Cognitive and Functional Decline in Middle Age: Patterns and Predictors*
Mentors: Dr. Rebecca Brown

3:15 - 3:45 PM **Chinenye Ilodiana**
Title: *Understanding AMETHIST@Penn: The Integration of Implementation Science into Maternal Health Research*
Mentors: Dr. Rebecca Hamm

3:45 - 4:15 PM **Sophia de Sousa Pereira**
Title: *Codesigning with A.I.*
Mentor: Dr. Andy Tan & Dr. Matt O'Donnell

4:15 - 4:45 PM **Laveda Chan**
Title: *An Exploratory Analysis of Medicare Part D Formulary: Implications for Prescription Drug Access*
Mentor: Dr. Alexander Olssen

4:45 PM **Adjourn for the day**

Wednesday, August 13

9:00 - 9:30 AM **Breakfast**

- 9:30 - 10:00 AM **Anzu Isa**
Title: *Self Collection for HPV Testing to Improve Cervical Cancer Prevention (SHIP Trial)*
Mentor: Dr. Carmen Guerra
- 10:00 - 10:30 AM **Anzu Isa**
Title: *Examining the Impact of the Lower Income Housing Tax Credit on Perinatal Health*
Mentor: Dr. Daria Murosko
- 10:30 - 11:00 AM **Ysabella Perez**
Title: *Knowledge of Alzheimer's Disease Across Social Groups at Risk for Dementia*
Mentor: Dr. Shana Stites
- 11:00 - 11:30 AM **Anna Liu**
Title: *Endometrial Cancer: Geospatial, Social, and Environmental Analyses, and the Barriers to Gyn-Onc Clinical Trials Access*
Mentor: Dr. Emily Ko
- 11:30 - 12:15 AM **Daniel Carrera Mora & Solange Arias**
Title: *Reinforcing Gynecologic Cancer Care: A Holistic Approach for Patients and Communities*
Mentor: Dr. Emily Ko
- Lunch: 12:15 - 1:30 PM**
- 1:30 - 2:00 PM **Insherah Qazi**
Title: *Strengthening Teen Engagement in Miniparks*
Mentor: Dr. Keven Cabrera
- 2:00 - 2:30 PM **Rain Smith & Arnel Polo**
Title: *Improving Health Outcomes: Medically-tailored Meal Intervention for Patients with End-Stage Kidney Disease (ESKD)*
Mentor: Dr. Maya Clark-Cutaia
- Refreshment Break: 2:30 - 2:45 PM**
- 2:45 - 3:15 PM **Victor Gelpi**
Title: *Evaluating Staggered Implementation of Health Policies Using Mixed Methods Causal Inference*
Mentor: Dr. Ernesto Ulloa-Pérez
- 3:15 - 3:45 PM **Heather Loo**
Title: *Working Together for a Healthier Philadelphia: How to Disseminate Research to Help Build Equitable Healthcare Practices*
Mentors: Dr. Erica Dixon

- 3:45 - 4:15 PM **Sanjana Kashyap**
Title: *Examining the Impact of Military Exposures on Gynecologic Cancers in Veterans*
Mentor: Dr. Anna Jo Smith
- 4:15 - 4:45 PM **Austina Xu**
Title: *The Impact of the Inflation Reduction Act on Medicare Part D Design*
Mentor: Dr. Abby Alpert
- 4:45 PM **Adjourn for the Day**

Thursday, August 14

- 9:00 - 9:30 AM **Breakfast**
- 9:30 - 10:00 AM **Aiyana Williams**
Title: *HIV PrEP Linkage through Peer Navigation*
Mentor: Dr. Cedric Bien-Gund
- 10:00 - 10:30 AM **Trent Leung**
Title: *MIGHTIER: Movement in Heart Transplant Patients*
Mentors: MMRL team - Andrea Bilger, Hilena Gebru, Mika Mengesha, Danny Bracy, & Anna Maria Otor
- 10:30 - 11:00 AM **Sharon Alex**
Title: *NOVAS project: Needs of Ovarian Cancer Survivors Study*
Mentor: MMRL team - Andrea Bilger, Hilena Gebru, Mika Mengesha, Danny Bracy, & Anna Maria Otor
- 11:00 - 11:30 AM **Aiyana Williams**
Title: *The Role of Housing in Violent Injury among Trauma Patients*
Mentor: Dr. Elinore Kaufman & Dr. Joseph Kern
- Lunch: 11:30 - 12:30 PM**
- 12:30 - 1:00 PM **Daniel Carrera Mora**
Title: *Prepaid Insurance and Price Negotiations: Economic Perspectives on U.S. Healthcare Reform*
Mentor: Dr. Claudio Lucarelli
- 1:00 - 1:30 PM **Oscar Sobrevilla**
Title: *Modeling Amputation Decisions Using Dynamic Programming*
Mentor: Dr. Claudio Lucarelli

- 1:30 - 2:00 PM **Vicky Vo**
Title: Nurse Staffing Differences on Day, Evening, Night Shifts: The Impact on Nurse Outcomes and Quality of Care
Mentor: Dr. Karen Lasater
- 2:00 - 2:30 PM **Anna Liu**
Title: Economic Outcomes of Postpartum Depression (PPD) and the Impact of the Virtual Patient Navigation Intervention on Mothers with PPD Symptoms
Mentor: Dr. Jim Guevara
- Refreshment Break: 2:30 - 2:45 PM**
- 2:45 - 3:15 PM **Austina Xu**
Title: The Causal Effect of Detailing on Physician Behavior
Mentor: Dr. Alon Bergman
- 3:15 - 3:45 PM **Insherah Qazi**
Title: The Impact of Physician Management Groups and Private Equity on NICU Care
Mentor: Dr. Betsy Salazar
- 3:45 - 4:15 PM **Dev Gupta**
Title: Hospital Ownerships' Impact on Neonatal Service Line Offerings
Mentor: Dr. Betsy Salazar

Friday, August 15

- 9:00 - 9:30 AM **Breakfast**
- 9:30 - 10:00 AM **Trent Leung**
Title: Patient Navigation Systems in the Breast Cancer Care Continuum
Mentor: Dr. Joseph Rossano
- 10:00 - 10:30 AM **Pragat Patel**
Title: From Hospital to Home: Lessons from THRIVE and the Future of Duals-Focused Transitional Care
Mentors: Dr. Heather Brom
- 10:30 - 11:00 AM **Pragat Patel**
Title: Geographic Inequities in Congenital Heart Disease: Evidence from a National Pediatric Cohort
Mentor: Dr. Joseph Rossano & Dr. Jon Edelson
- 11:00 - 11:30 AM **Michael Donkor**
Title: The Impact of Paperless Discharge Instructions in the Emergency Department
Mentor: Dr. Jamaji Nwanji-Enwerm

11:30 - 12:00 PM **Natalie Sadek**
Title: *Oral health and Substance use disorder, a pilot mixed-methods cohort inquiry*
Mentor: Dr. Kari Hexem

Lunch: 12:00 - 12:30 PM

12:30 - 1:00 PM **Natalie Sadek**
Title: *Interest Holder Engagement in the Development of Living Guidelines for the Identification of Potentially Malignant Disorders of the Mouth and Lip*
Mentors: Dr. Alonso Carrasco- Labra

1:00 - 1:30 PM **Dev Gupta**
Title: *Real World Evidence in Pharmacoepidemiology: Opioids, Cannabis, and Asthma Across Populations*
Mentor: Dr. Sean Hennessy

1:30 - 2:30 PM **Heather Loo & Alyssia Liu & Sonia Gazula**
Title: *MOLAR Audit Study: Boston, Philadelphia and Florida*
Mentors: Dr. Danielle Cullen and Rachel Brown

2:30 - 3:00 PM **Eno Etuk**
Title: *Assessing the Care of ADRD Patients with Dysphagia in Short-Term Care Facilities*
Mentors: Dr. Kira Ryskina

Refreshment Break: 3:00 - 3:15 PM

3:15 - 3:45 PM **Aditi Halpe**
Title: *Medicare Alternative Payment Models and SNFist Adoption in the US: 2012-2019*
Mentor: Dr. Kira Ryskina

3:45 - 4:15 PM **Yutong Yi**
Title: *Applications and Implementation of the CDC's Social Vulnerability Index*
Mentor: Dr. Harald Schmidt

4:15 - 4:45 PM **Umayr Ahmed**
Title: *Evaluating Novel Value-Based Care Delivery System for Chronic Kidney Disease*
Mentor: Dr. Yuvaram Reddy

Closing Ceremony, Joanne Levy
Followed by walking to dinner at Han Dynasty!

Han Dynasty Dinner
Family, mentors, and friends invited!
(3711 Market St)



About SUMR

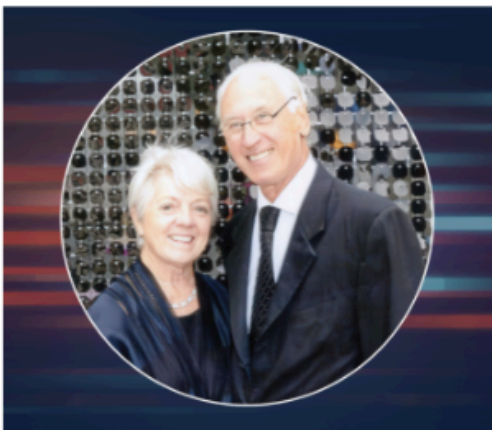
Penn's Summer Undergraduate Mentored Research (SUMR) program introduces talented undergraduate students, with a demonstrated interest in health services, population health, and clinical epidemiology, to research in this field. Founded in 2000 by the Wharton School's Health Care Management Department and Penn LDI, the program helps advance health equity. The goal of the 12-week program is to increase the number of health science researchers who understand the political, social, economic, and environmental realities that create disparities in health and health care. Participating scholars work with Penn faculty on mentored research projects, attend the Academy Health Annual Research Meeting, and present on their projects at the End of SUMR Research Symposium. By identifying and encouraging undergraduates at a time when they are considering their career options, the program strives to expand the pool of capable individuals who will enter these fields.

[SUMR's 2025 AcademyHealth Mosaic Award](#)

[SUMR has won AcademyHealth's 2025 Mosaic Award](#) for its work and commitment to creating a more representative and welcoming experience for undergraduates interested in joining the health services research (HSR) community.



Major Gift



Alan S. Davis and Mary Lou Dauray

Major gift from Alan S. Davis, JD, and the Leonard and Sophie Davis Fund to expand the Summer Undergraduate Mentored Research (SUMR) Program and also support LDI initiatives aimed at increasing population access to health insurance and health care. The \$3.5 million gift establishes a [Davis Family SUMR Program Endowment Fund](#) and creates a \$1 million matching challenge that has the potential to add \$2 million more to the overall donation. The gift has several goals. First, it allows LDI to increase the stipends of all SUMR scholars. It also funds five SUMR scholars who will focus on expanding health care access and provides the opportunity to expand the 12-week SUMR Program to 15 months for select students, with extended mentorship and training opportunities.

SUMR Sponsors

The SUMR Program is supported by the Health Care Management Department of the Wharton School; Penn LDI; a gift from Alan Davis and the Leonard and Sophie Davis Fund, the Deputy Dean's Office of the Wharton School; Perelman School of Medicine Department of Medical Ethics and Health Policy; Office of the Dean of the Perelman School of Medicine; Eidos LGBTQ+ Health Initiative; the Department of Biostatistics, Epidemiology & Informatics; Center for Clinical Epidemiology and Biostatistics (CCEB); Department of Radiology; Center of Health Economics of Treatment Interventions for Substance Use Disorder, HCV, and HIV (CHERISH); Center for Health Incentives and Behavioral Economics (CHIBE); Palliative and Advanced Illness Research Center (PAIR); Penn Dental; PolicyLab at Children's Hospital of Philadelphia; Clinical Futures at Children's Hospital of Philadelphia; VA Center for Health Equity Research and Promotion (CHERP); and the faculty mentors' research grants.

