

SUMR

2019 RESEARCH SYMPOSIUM

August 14-16



All sessions will be held in the Colonial Penn Center Auditorium, 3641 Locust Walk.

The schedule is approximate and may run ahead or behind.

* Wharton Dean's SUMR Scholars

Wednesday, August 14

- 8:15am** **Welcome by Joanne Levy**
- 8:30am** * **Jay Sangani-** Service Specific Adverse Selection in the ACA Exchanges
Mentors: Karen Zhang, MPH, MA, and Mei- Lynn Hua
- 9:00 am** **Bryson Houston-** The Relationship of Physical Activity and Community Factors in Persons with Dementia
Mentors: Nancy Hodgson, RN, PhD, FAAN and Laurel Caffee
- 9:30 am** **Brittany Wiafe-** The Ethics of Monitoring Medication Adherence
Mentor: Harald Schmidt, PhD, MA
- 10:00 am** **Nitika Gupta-** Effect of Playing on a Sports Team in High School on Later Life Health Outcomes
Mentor: Dylan Small, PhD
- 10:30 am** **Saskhia Dieudonne and Nitika Gupta-** The Effect of Marketplace Dental Plans on Dental Service Utilization
Mentor: Salama Freed, PhD, MA, MS
- 11:00 am** **Caleb Rogers-** Mapping outcome-relevant human brain connectivity and its genetic basis
Mentor: Li Shen, PhD, FAIMBE
- 11:30 am** **Naomi Fields-** Understanding Opportunities to Discuss HIV PrEP in Contraception Coaching Provided to Adolescent Women
Mentor: Aletha Akers, MD, MPH, FACOG
- 12:00 pm** **LUNCH BREAK**
- 12:30pm** **Thaddeus Woodard-** Green-Out the Burnout
Mentor: Eugenia South, MD, MSHP
- 1:00 pm** **Kaliya Greenidge-** Medical Decision Making and Transition Readiness in Young Adults with Special Health Care Needs
Mentor: Angelico Razon, MD, MPH
- 1:30 pm** **Jess Davis-** Designing A Social Need Screening Tool for Cancer Patients
Mentor: Krisda Chaiyachati, MD, MPH, MSHP
- 2:00 pm** **Bryson Houston-** The EMPOWER Program: Automated Hovering of Congestive Heart Failure Patients
Mentor: Laurie Norton, MA

- 2:30 pm** **Abeselom Gebreyesus-** Automatically Identifying Comparator Groups on Twitter for Digital Epidemiology of Pregnancy Outcomes
Mentor: Graciela Gonzalez-Hernandez, MS, PhD
- 3:00 pm** **Kaliya Greenidge-** Decolonizing Penn's Preclinical Curriculum
Mentor: Jaya Aysola, MD, MPH
- 3:30 pm** **Brian Valladares-** Effects of Gas Stovetops on Household Air Pollution in Rural India
Mentor: Harsha Thirumurthy, PhD
- 4:15 pm** **Kayla Dunn-** Development of Childhood Adversity Measure for Economically Distressed Urban and Rural Youth
Mentor: Roy Wade, MD, PhD, MPH, MSHP
- 4:45 pm** **Abeselom Gebreyesus-** Way to Recovery
Mentor: Sarah Jacoby, PhD, MPH, MSN

Thursday, August 15

- 8:00 am** **Shirley Zhang-** Association of Hospital Nursing and Postsurgical Sepsis
Mentor: Andrew Dierkes, PhD, RN
- 8:30 am** **Kayla Dunn-** Piloting a Shared Decision Making Tool for Pain Treatment in Acute Care
Mentor: Zachary Meisel, MD
- 9:00 am** **Tilaye Seblework-** Nextchoices
Mentor: Robin Stevens, PhD, MPH
- 9:30 am** **Jason Mazique-** The Life STORRIED Study
Mentor: Zachary Meisel, MD
- 10:00 am** **Emma Britez Ferrante-** Potential Risk of Gender Bias in Faculty Narrative Evaluation
Mentor: Jessica Dine, MD
- 10:30 am** * **Jay Sangani-** Choice Frames in ICU Family Meetings
Mentor: Joanna Hart, MD
- 11:15 am** **Khalid El-Jack-** A Cost-Effectiveness Analysis of the Penn Colorectal Cancer Screening Navigation Program
Mentor: Carmen Guerra, MD, MSCE
- 12:15 pm** **GRAB BOXED LUNCH**
- 12:30 pm** * **Victoria Pham-** Online Skin Lesion Classification with Deep Neural Network
Mentor: Hamsa Bastani, PhD

1:00 pm **Phiwinhlanhla Ndebele-Ngwenya-** Investigating environmental factors that dispose women to adverse pregnancy
Mentor: Regina Boland MA, MPhil, PhD

Friday, August 16

8:00 am **Obaidah Bitar-** End of Life Care: Estimating the Effectiveness of 20 years of Health System Reforms
Mentor: Norma Coe, PhD

8:30 am **Shirley Zhang-** Comparing individual-level income vs. regional-level income's association with various health outcomes across the US
Mentor: Blanca Himes, PhD

9:00 am * **Jonathan Delgadillo Lorenzo-** Conflicts of Interests, Market Power, and Medical Technologies
Mentors: Ashley Swanson, PhD and Matthew Grennan, PhD

9:30 am **Saskhia Dieudonne-** Evaluation of Travel Health KAPs in Philadelphia International Airport
Mentor: Kristin Feemster, MD, MPH, MSHPR, FAAP

10:00 am **Margaret Lee-** Understanding How the Taiwan Health Care System Works
Mentor: Claudio Lucarelli, PhD

10:30am **Jess Davis-** Four Hospital Pathways Linking Opioid Use Disorder (OUD) Patients To Treatments & Medications
Mentor: Fran Barg, PhD, MEd

11:15am **BREAK**

11:30 am **Tilaye Seblework-** Post- intensive Care Syndrome
Mentor: Meghan Lane-Fall, MD, MSHP

12:00 pm **Khalid El-Jack-** A Comparative Analysis of Smoking Cessation Techniques Among Underserved Patients
Mentor: Scott Halpern, MD, PhD

12:30 pm **LUNCH BREAK**

1:00 pm **Emma Britez Ferrante-** Implementation Science: An Assessment of the Developing Field
Mentors: Rinad Beidas, PhD and Adina Lieberman, MPH

1:30 pm * **Victoria Pham-** Data Visualization in Spine and Lumbar Fracture
Mentor: Comron Saifi, MD

2:00 pm **Phiwinhlanhla Ndebele-Ngwenya-** Systematic review of the barriers and facilitators of evidence based care for patients with ARDS.

Mentor: Meeta Prasad Kerlin, MD, MSCE

- 2:30 pm** **Brittany Wiafe and Jason Mazique-** COTI Research Study
Mentor: Therese Richmond, PhD, CRNP, FAAN
- 3:00 pm** **Obaidah Bitar-** End of Life Care: Estimating the Effectiveness of 20 Years of Health System Reforms
Mentor: Norma Coe, PhD
- 3:30 pm** **Brian Valladares and *Jonathan Delgadillo Lorenzo-** Cross Country Comparisons of Health Facility Access: Effects on Health Outcomes
Mentor: Juan Pablo Atal, PhD
- 4:00 pm** **Josie Carrier-** PATH for Triples
Mentors: Michael Blank, PhD and Donna Coviello, PhD
- 4:30 pm** **Josie Carrier-** Typologizing Patients with Overdose or Opioid Use Disorders in Acute Care Settings
Mentor: Evan Anderson, JD, PhD
- 5:00 pm** **Head to Group Dinner**

Early Presentation

Thursday, August 8

- 12:00 pm** ***Aminata Jalloh-** Public Libraries as an Aid to the Opioid Epidemic
Mentors: Rachel Feuerstein- Simon, MPA, MPH, Carolyn Cannuscio, ScD, ScM, and Margaret Lowenstein, MD, MPhil
- 12:30 pm** ***Aminata Jalloh-** Understanding and responding to the rapidly increasing risk to genetic information privacy
Mentors: Arnold Rosoff, JD, Robert Field, PhD, JD, MPH, and Anthony Orlando, PhD

Slides will be made available at <http://ldi.upenn.edu/sumr>

About SUMR

Penn's Summer Undergraduate Minority Research (SUMR) program began in 2000 as a way to address the current underrepresentation of minorities in fields that inform the direction of health care practice and policy. Through a 12 week summer research internship, mentoring, appropriate role models, and the development of a longitudinal alumni network, the program encourages promising undergraduates to consider careers in fields such as health services research and population health. By identifying and encouraging undergraduates at a time when they are considering their career options, the program strives to expand the pool of talented individuals who will enter these fields. It is housed in the Leonard Davis Institute of Health Economics (LDI), one of the oldest academic centers for health services research and health policy in the world. LDI is a collaborative venture among Penn schools such as Medicine, Wharton, Annenberg, Nursing, and Arts and Sciences and CHOP, from which mentors are recruited. This year we commemorated our 20th anniversary celebrating the achievements of SUMR scholars and sharing ideas to keep SUMR running for the next 20 years.

SUMR is supported by the Leonard Davis Institute of Health Economics and the Health Care Management Department of the Wharton School, the VA Center for Health Equity Research and Promotion (CHERP), Wharton's Deputy Dean's Office, Perelman School of Medicine's Office of Inclusion and Diversity, Department of Medical Ethics and Health Policy, the Center for Public Health Initiatives (CPHI), and Center for Clinical Epidemiology and Biostatistics (CCEB), The Center for Health Incentives and Behavioral Economics (CHIBE), Department of Anesthesiology and Critical Care, School of Nursing, CHERISH, Palliative and Advanced Illness Research (PAIR) Center, The Masters of Science in Health Policy Research Program (MSHP), and the mentors' research grants.



