

UCLA Fielding School of Public Health

Research, Innovation & Impact Day

April 21, 2023

California NanoSystems Institute at UCLA



UCLA acknowledges the Tongva peoples as the traditional land caretakers of the Los Angeles basin. As a land grant institution, we pay our respects to the ancestors, elders and relations of the past, present and emerging.

UCLA Fielding School of Public Health
**Research, Innovation
& Impact Day**

HOSTS



Ron Brookmeyer, PhD, MS



James Macinko, PhD, MA

Welcome to the first UCLA Fielding Research, Innovation & Impact Day. We are incredibly excited to bring together FSPH faculty, staff, students and friends of the school for a day of discovery and networking.

Public health research and practice progresses through rigor, innovation, diversity of experiences and collaboration, and today's program illustrates these principles. Panels and conversations throughout the day will highlight extraordinary work underway in our academic departments and centers that reflects our five strategic pillars: Big Data, Health Equity, Climate Change's Impact on Public Health, Infectious Diseases, and Communicating Public Health.

An FSPH Public Health Student Impact Poster Showcase will be on view throughout the day. Ten finalists chosen from more than thirty submissions — all of which are available for [viewing online](#) — will be present to discuss their research and practice projects during the lunch hour.

We encourage you to take this opportunity to learn from and build community with one another. The connections that you form today can drive the inception of new collaborations that lead to long-lasting impacts on health and equity worldwide.

The research and practice shared here builds upon six decades of public health impact by the faculty, staff, students, and alumni who have come before us. These pioneers have made tremendous contributions toward linking healthy habits and longevity; anti-tobacco policies; maternal, infant and child health; causal inference; HIV and AIDS; healthcare financing; improving air quality; public health training and workforce development; advocating for health equity; and so much more. We proudly continue advancing public health at UCLA and building upon their profound contributions.

Understandably, today's event has taken many hands to put together. We want to thank everyone for their work to present an inspiring day. Most importantly, we are also grateful to you, the presenters, the FSPH and university community, and our friends, for your enthusiasm and excitement about this day. *Enjoy!*

Ron Brookmeyer

Ron Brookmeyer, PhD, MS
Dean and distinguished professor of
biostatistics

James Macinko

James Macinko, PhD, MA
Associate dean for research and professor
of health policy and management &
community health sciences

AGENDA

9:00 AM
AUDITORIUM

Welcome

Ron Brookmeyer, PhD, MS

Dean and distinguished professor of biostatistics

9:05 AM

Overview

James A. Macinko, PhD, MA

Associate dean for research and professor of health policy and management & community health sciences

9:10 AM

Panel 1: Infectious Diseases

Moderator: Michael Prelip, DBA, MPH

Professor of community health sciences

Rachael M. Jones, PhD, CIH

Professor and chair of environmental health sciences;
director, Southern California NIOSH Education and Research Center

Alina Dorian, PhD

Associate dean for public health practice; associate dean for equity, diversity and inclusion; associate professor of community health sciences

Pamina M. Gorbach, DrPH, MHS

Professor of epidemiology and co-director of the Biobehavioral Assessment Research Center

10:00 AM

Panel 2: Health Equity

Moderator: Matthew J. Mimiaga, ScD, MPH

Professor of epidemiology; vice chair of epidemiology;
founding director, UCLA Center for LGBTQ+ Advocacy, Research & Health (C-LARAH)

Naomi Zewde, PhD, MPH

Assistant professor of health policy and management

Lara J. Cushing, PhD, MPH

Assistant professor of environmental health sciences and the
Jonathan and Karin Fielding presidential chair in health equity at UCLA

Kathryn G. Kietzman, PhD, MSW

Director of the health equity program and senior research scientist of the UCLA Center for Health Policy Research; associate researcher, community health sciences

10:50 AM
LOBBY

Break & View Public Health Impact Poster Showcase

11:10 AM
AUDITORIUM

Panel 3: Communicating Public Health

Moderator: Julie A. Elginer, DrPH '11, MBA

Assistant professor of health policy and management and director of executive master of public health in health policy and management program

Dana Rose Garfin, PhD, MA

Assistant professor of community health sciences

Philip M. Massey, PhD '13, MPH '09

Associate professor of community health sciences

Robert J. Kim-Farley, MD, MPH '75

Professor of epidemiology and community health sciences

12:00 PM
ROOF DECK
& LOBBY

Lunch & View Public Health Impact Poster Showcase with Student Authors

1:15 PM
AUDITORIUM

Presentation of the 2023 Lester Breslow Impact Fellowship Award & Student Impact Poster Finalists

Ron Brookmeyer, PhD, MS

1:20 PM

Panel 4: Big Data

Moderator: Sudipto Banerjee, PhD, MStat

Professor and chair of biostatistics

Sean Darling-Hammond, PhD, JD

Assistant professor of community health sciences and biostatistics

Hua Zhou, PhD, MS

Professor of biostatistics

Randall Kuhn, PhD, MA

Professor of community health sciences

AGENDA

2:10 PM

Panel 5: Climate Change's Impact on Public Health

Moderator: Beate Ritz, MD, PhD '95, MPH '93

Professor of epidemiology and environmental health sciences

David Eisenman, MD, MS '02

Professor of community health sciences and
director of Center for Public Health and Disasters

Miriam Marlier, PhD

Assistant professor of environmental health sciences

Kirsten Schwarz, PhD

Associate professor of environmental health sciences

3:00 PM

Closing Remarks

Ron Brookmeyer, PhD, MS & James Macinko, PhD, MA



**EXPERIENCE THE
PROGRAM ONLINE**

YOU'RE INVITED

*Please join us for FSPH's 60th Birthday
Celebration immediately following the
conclusion of the program.*

*We will gather just outside CNSI, in the Court
of Sciences, for light refreshments and a toast
to the incredible impact that our community
members have made in the field of public
health since UCLA Fielding was established.*

POSTER SHOWCASE

UCLA Fielding School of Public Health students are driving innovations in public health research and practice under the mentorship of faculty and in pursuit of their own novel ideas. We are proud to feature their current work in an FSPH Student Impact Poster Showcase as part of Research, Innovation & Impact Day.

Submissions by master's students and doctoral candidates from across the school are viewable in an online gallery at <https://bit.ly/StudentImpactPoster>.

Posters on view today in the California NanoSystems Institute lobby represent the finalists as selected by the academic departments. One has been selected by a distinguished committee of faculty to receive the 2023 Lester Breslow Impact Fellowship Award based on the quality of the research or practice project, its potential public health impact, and its clear communication of results and findings. We will recognize the finalists and announce the 2023 Lester Breslow Impact Fellow at the start of the afternoon session.

The Lester Breslow Impact Fellowship Award was established in honor of former FSPH dean and public health icon Dr. Lester Breslow, whose career in public health spanned more than 60 years. The Lester Breslow Impact Fellowship upholds Dr. Breslow's legacy by investing in future public health leaders and focusing on public health impact. Dr. Breslow's own work on chronic disease prevention and health behavior intervention continues to yield insights in this new era of health promotion and wellness.

[Congratulations to all of our students who submitted their work.](#)



**VIEW VIRTUAL
POSTER GALLERY**

2023 FSPH STUDENT IMPACT POSTER FINALISTS

Purnima Bharath, PhD candidate, Health Policy and Management

Patient and Provider-Level Factors Associated with Receipt of Screening/Surveillance in Children with Intellectual and Developmental Disabilities

Julián Ponce, PhD candidate, Community Health Sciences

US Migration History, Depressive Symptoms, and Depression Among Older Mexican Adults

Richie Chu, MPH candidate, Community Health Sciences

Association Between Social Determinants of Health and Allergic Disease Prevalence Among Asian American Children

Qi Qian, PhD candidate, Biostatistics

Multivariate Spatiotemporal Functional Principal Component Analysis for Modeling Hospitalization and Mortality Rates in the Dialysis Population

Nehaa Khadka, PhD candidate, Epidemiology

Oral PrEP (TDF/FTC) Integration into Antenatal Care for HIV-negative and Pregnant Adolescent Girls & Young Women in Cape Town, South Africa

Lizette Romano, MPH candidate, Environmental Health Sciences

Results of a Participatory Science Pilot in Boyle Heights

Qi Meng, PhD candidate, Epidemiology

Fine Particulate Matter Metal Composition with Oxidative Potential and Oxidative Stress Biomarkers Among Pregnant Women in Los Angeles

Yucai Shao, MS candidate, Biostatistics

Hamiltonian Monte Carlo Sampling for Phylodynamic Inference Using the Episodic Birth-death Model

Ashwini Nagappan, PhD candidate, Health Policy and Management

Direct-to-Consumer Healthcare: A Scoping Review of Ethical Issues, Challenges, and Recommendations

Qiao Yu, PhD candidate, Environmental Health Sciences

Environmental Justice Implications of Transportation Decarbonization in California

THANK YOU

Organizing the first FSPH Research, Innovation & Impact Day involved the time and talents of many collaborators. We offer our deepest thanks for the enthusiasm and creativity with which everyone approached this first event to showcase public health research and practice of our school.

2023 FSPH Research, Innovation & Impact Day Program Committee

Sudipto Banerjee, PhD, MStat

Anne R. Pebley, PhD, MPS

Thomas H. Rice, PhD, MA

Zuo-Feng Zhang, MD, PhD

Yifang Zhu, PhD

2023 Lester Breslow Impact Fellowship Award Committee

Abdelmonem A. Afifi, PhD, MS

Deborah C. Glik, ScD, FAAHB

Gerald F. Kominski, PhD

A special thank you to our staff, students and partners who helped make today possible

FSPH Student Ambassadors

Carla Denly

Anna Elgart

Caroline Gallaher

Janet Hung

Allison Kamerman

Kessa Kelly

Mitchell Mangoba and the team at

California NanoSystems Institute (CNSI) at UCLA

Denise Moore

Jennifer Powers

Nicole Werking

Eric Wilks

Rebecca Wolfe

60TH ANNIVERSARY SPONSORS

As the UCLA Fielding School of Public Health celebrates six decades of impact in building healthier futures, we also look ahead to our future discoveries, education, practice, and service. We are grateful to every donor and grantmaking organization that supports the UCLA Fielding School and to the 60th anniversary sponsors listed below for supporting the future of faculty and student excellence in public health at UCLA.

Deborah C. Glik and Christopher D. Glik

Abdelmonem and Marianne Afifi

Devra M. Breslow

Ron Brookmeyer and Robin Fox

Russell and Carol Faucett

Seth Freeman and Julie Waxman

Deborah Levy and Bert Russo

Dr. Lori S. Pelliccioni and Mr. Daniel M. Pelliccioni

Shane S. Que Hee

Lawrence and Karen Platt

Arthur Southam and Cornelia Daly



THANK YOU FOR ATTENDING THE
UCLA Fielding School of Public Health

2023 Research, Innovation & Impact Day

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