

# Research Roundup



SCHOOL OF  
PUBLIC HEALTH

FALL '25

CLICK ITEMS FOR MORE INFO



## SUBSTANCE USE AND MISUSE JOURNAL

Role of AI in  
Tobacco, Nicotine  
Research and  
Regulation

**Ebbie Kalan, PhD**



## JAMA PEDIATRICS

Mortality Rate Trends  
for Sickle Cell Disease  
and Cystic Fibrosis in  
the US

**Marie Thoma, PhD**



## JOURNAL OF RURAL MENTAL HEALTH

Challenges  
Implementing Youth-  
Focused Evidence-  
Based Practices in  
Rural Areas

**Noah Triplett, PhD**

PUBLISHED RESEARCH

## AMERICAN JOURNAL OF EPIDEMIOLOGY

Intersectional inequities in suicide ideation by race, sexual orientation, and gender among U.S. high school students in the pre- and post-2020 waves of the Youth Risk Behavior Surveillance System.

**Thu Nguyen, PhD**

## AMERICAN JOURNAL OF GERIATRIC PSYCHIATRY

Adults with Alzheimer's and related dementias are twice as likely to receive housing assistance. To build resilience in dementia care, researchers recommend integrating housing, health and social support.

**Jie Chen, PhD**

## AMERICAN JOURNAL OF PREVENTIVE MEDICINE

Measuring resilience, study shows U.S. counties with fewer community resources have poorer cognitive, mental and physical health, showing that to improve health, build community resilience.

**Jie Chen, PhD**

## AMERICAN JOURNAL OF PUBLIC HEALTH

Standing up for core principles in departments of social and behavioral sciences in public health: Department chairs speak out

**Kerry Green, PhD**

## AMERICAN PHYSIOLOGICAL SOCIETY

How Much of HERstory is in the HIStory of the Journal of Applied Physiology?

**James Hagberg, PhD + Sushant Ranadive, PhD**

## HEALTH AFFAIRS

Study finds major health insurance gap for some adopted children: Adopted children often have more health needs, some are less likely to have health insurance in the U.S.

**Dahai Yue, PhD + Jamie Fleishman, PhD**

## HEALTH AFFAIRS

More than half of states allow pharmacists to prescribe contraception, but this study finds prescriptions from pharmacists only make up a small fraction of overall contraceptive prescriptions.

**Maria Steenland, PhD**

## JAMA HEALTH FORUM

Local cannabis dispensaries lead to drop in opioid prescriptions; researchers show patients find alternative pain relief through medical, recreational marijuana.

**Shelby Steuart, PhD**



### PUBLISHED RESEARCH

#### JAMA NETWORK OPEN

Study shows link between lower mortality in U.S. adults and interventions that consider interactions between immigration, physical activity and mental health.

***Typhanye V. Dyer, PhD***

#### JAMA NETWORK OPEN

Extreme weather increases risk of violence in couples – this study shows link between drought and extreme heat and intimate partner violence in 42 countries.

***Pin Wang, PhD***

#### JOURNAL OF DEVELOPMENTAL AND LIFE COURSE CRIMINOLOGY

Going to prison or even just getting arrested negatively affects a person's health long after the experience, worsening age-related health problems such as chronic pain, sleep quality and memory.

***Elaine Doherty, PhD***

#### JOURNAL OF HEALTHY EATING AND ACTIVE LIVING

Study investigating perceived transit-induced gentrification in anticipation of the Maryland Purple Line light rail transit among residents of Prince George's County, Maryland, and its associations with walkability and crime.

***Jennifer D. Roberts, PhD***

#### JOURNAL OF PALLIATIVE MEDICINE

Study examines what palliative care teams think about AI prognostication tools – which give an estimated life expectancy or prognosis – in end-of-life care.

***Mika Hamer, PhD***

#### THE MILBANK QUARTERLY

Determinants of when community behavioral health clinics partner with emergency response systems: The role of capacity in 911 referral and co-response models.

***Amanda Mauri, PhD***

#### ONE HEALTH

Outbreak of highly pathogenic avian influenza A(H5N1) among house cats: A case series involving early Oseltamivir (Tamiflu) treatment

***Kristen K. Coleman, PhD***

#### THE SCIENCE OF DIABETES SELF- MANAGEMENT AND CARE

An exploratory partner approach to participation in the National Diabetes Prevention Program Lifestyle Change Program in Maryland: This approach may help attract people at risk for type 2 diabetes who are more comfortable joining with a partner.

***Cynthia Baur, PhD***

### MARYLAND COMMISSION ON PUBLIC HEALTH ROADMAP

In October 2025, the Maryland Commission on Public Health published its final report, sharing recommendations to improve public health statewide. An undertaking two years in the making, the commission's teams included more than 20 experts from the UMD SPH, together with colleagues from around the state.



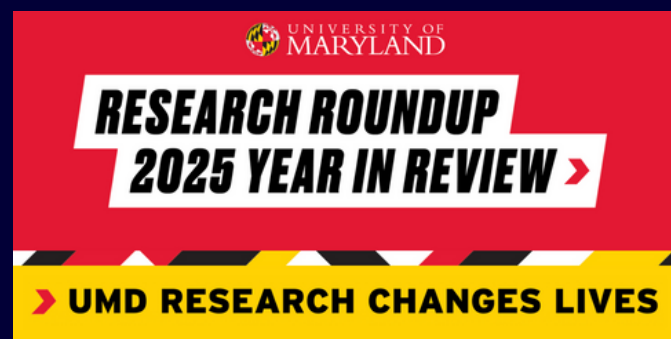
### SPH IN 2025 UMD RESEARCH ROUNDUP

NIA Award for 2 UMD-based Centers on Aging: Researchers to study resiliency, health issues of older Americans.

***Jie Chen, PhD + Stephen Thomas, PhD***

Study found dangerous bacteria in homes plagued by sewage backups.

***Rachel Rosenberg Goldstein, PhD***



### OTHER NEWS





AWARDS + MEMBERSHIPS



National Council for Family Relations Award

Morgan received the 2025 NCFR Emerging Mentor and Teacher Award from the Advancing Family Science Section, which recognizes new family science faculty who have demonstrated excellence in teaching and mentorship practices.

Amy A. Morgan, PhD



BayStat Program Scientific Advisory Panel Member

The Office of the Governor of Maryland appointed Rosenberg to the BayStat Program Scientific Advisory Panel which oversees restoration programs for the Chesapeake Bay and Atlantic Coastal Bays.

Rachel Rosenberg Goldstein, PhD

Maryland Global

Outstanding Global Classrooms Faculty Award for 2025

Muhiuddin Haider, PhD

Writer’s Digest

Honorable Mention, Rhyming Poetry category of 94th Annual Writer’s Digest Writing Competition, for Our Stain To Lament, a poem about initiating and writing the UMD Enslavement Statement.

Jennifer D. Roberts, PhD

Education Digital Marketing Awards

SPH communications are 2025 Silver Winners for our Instagram entry #PublicHealthTerps at the Education Digital Marketing Awards (EDMA).

Follow us on Instagram @umdpublichealth

GRANTS + FUNDING



NATIONAL INSTITUTES OF HEALTH

The National Institute on Aging funded the Center for Seniors Uniting Nationwide to Support Health, INtegrated care, and Economics, or the Center for SUNSHINE, led by UMD SPH and University of Maryland, Baltimore. The Center will serve as a national hub for interdisciplinary research, training and real-world innovation to strengthen resilience in aging populations.

Jie Chen, PhD, Stephen Thomas, PhD + Rozalina McCoy PhD

National Cancer Institute

Grant to support informed parental decisions on HPV vaccination through safe and personalized AI-driven conversations.

Cheryl Knott, PhD

UMSOM Betty Huse Award

Grant to support an implementation feasibility study considering a family-based app that aims to help address teen substance use in rural Maryland.

Noah Triplett, PhD