

Linking Science & Society



Yale SCHOOL OF PUBLIC HEALTH



**“We believe that a healthier world is not just possible, but achievable.”**

**DEAN MEGAN L. RANNEY, MD, MPH**

**At the Yale School of Public Health, we envision linking science and society, making public health foundational to communities everywhere.**

We educate and equip the best public health scientists, practitioners, and leaders to develop systems-level solutions for a healthier society. Through world-class research, adaptive educational programming, and innovative learning models, we empower our students to lead in both the science and practice of public health.

Our collaborative and inclusive environment fosters diverse research groups, initiatives, and centers, driving partnerships across disciplines to tackle today’s most urgent public health challenges. We are steadfast in our pursuit of transformative public health innovations as we strive to effect enduring and equitable change in communities worldwide. Through our work, we are shaping the future of public health for generations to come.

# Transforming public health

## Our legacy of leadership spans over 100 years.

A century ago, our founder, C.-E. A Winslow, defined the field of public health. Today, that legacy of leadership continues. By collaborating with communities worldwide, we are forging new paths, harnessing cutting-edge technologies, advancing scientific discovery, and improving global well-being in the 21st century.

## Our strength lies in our richly multidisciplinary approach.

We connect people, expertise, and ideas across diverse fields, generating innovative insights and creative solutions that matter. We seek out exceptional talent, novel technologies, and new knowledge wherever it exists, from our home in New Haven, Connecticut, to the far reaches of the globe.

## Leading the world to a healthier future.

We are on the cusp of transformative solutions to some of today's most pressing health challenges and working proactively to address emerging threats. Our scholarship on how systems — from the cellular to the societal — influence health is amongst the most respected in the field.



◀ **READ ABOUT OUR HISTORY**  
[sph.yale.edu/history](https://sph.yale.edu/history)

3:1

student-to-faculty ratio

4<sup>th</sup>

in research impact and citations per faculty vs. Association of American Universities peers

5%

top ranked school of public health by U.S. News & World Report

6

academic departments

15

joint degrees with Yale schools and international universities

840

PhD, MS, and MPH students

8,000+

alumni across the globe

**\$77 million**

in grant funding for FY 2024



*Thritha Anand, MPH '25, helps with a culinary demonstration during an internship at Centre Valbio in Ranomafana, Madagascar.*



## DEAN MEGAN L. RANNEY

Dr. Megan L. Ranney, MD, MPH, is an emergency physician, researcher, and national advocate for innovative approaches to public health. She is the first dean of the newly independent Yale School of Public Health. Dr. Ranney is renowned for her research on developing, testing, and disseminating digital health interventions to prevent violence and related behavioral health problems, and was a prominent voice during the COVID-19 pandemic.



◀ **LEARN ABOUT DEAN RANNEY**  
[sph.yale.edu/dean](https://sph.yale.edu/dean)

# The impact of our work

These areas of scientific excellence, distinction, and influence are both current and aspirational research strengths of our school, as well as our assessment of the globe's most pressing health challenges.

LEARN ABOUT OUR STRATEGIC PLAN  
[sph.yale.edu/strategic-plan](https://sph.yale.edu/strategic-plan)



## How place, space, and climate impact health

We examine how various exposures — environmental, chemical, and social — interact to affect health, and then develop systems-level solutions that improve both environmental quality and human well-being.

**OUR RESEARCH** from the Yale Center on Climate Change and Health found that fine inhalable particles in wildfire smoke contribute to more than 11,000 deaths per year in the U.S.



## Reducing harm from intersecting epidemics

Social, infectious, and chronic disease epidemics mutually reinforce and are often rooted in structural disparities. We develop, evaluate, and disseminate strategies to support communities in their quest for emotional, social, and physical well-being.

**OUR RESEARCH** finds that U.S. life expectancy at birth would increase by 1.6 years if alcohol, drug, and firearm deaths were eliminated.



## Cost of and connection to the health ecosystem

We work to optimize policies, incentives, and systems that can drive equitable, efficient, high-quality health ecosystems around the globe.

**OUR RESEARCH** estimates that the 53 hospital mergers that occurred on average annually from 2010 to 2015 raised health spending on the privately insured by \$204 million in the following year alone.



## The health implications of emerging technology

We create and integrate artificial intelligence tools, genomics, wearable sensors, and other quickly evolving technologies for social good, and define how to protect us from their potential health harms.

**OUR RESEARCH** used genomic sequencing data to create a new lineage system for dengue that will allow researchers worldwide to better track new variants of the virus, which affects millions, and create new vaccines.

**LINKING**  
*& Science  
& Society*



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