THE POWER OF PUBLIC HEALTH

Around the world, increasingly complex challenges affect the health of current and future generations, including the climate crisis, emerging infectious agents, the growing chronic disease burden, aging societies, and humanitarian emergencies.

Public health confronts these challenges and more to lift the health and well-being of entire populations, across communities, countries, and continents.

More than 70% of health outcomes are driven by public health factors: health-related behaviors, socioeconomic factors, and environmental exposures. Public health science and practice protect and improve the health of people everywhere by advancing new knowledge, informing and influencing public policy, developing and implementing solutions, and promoting healthy behaviors.

For a century, our School has been dedicated to excellence in public health education, research, and service. Our interdisciplinary educational programs, led by distinguished scholars and practitioners, equip our students with the knowledge and skills needed to achieve ambitious goals. From our home in New York City, our cutting-edge research and programs transform health and galvanize change around the world.

And most importantly, our vibrant community and culture—inclusive, collaborative, diverse—are essential to our work, to your experience, and to where you go from here. If, like us, you want to make a meaningful impact and build a healthier world, we invite you to learn more about our School and what makes us special.

LINDA P. FRIED
Dean, Columbia University Mailman School of Public Health and Senior Vice President, Columbia University Irving Medical Center
WORLD-CLASS RESEARCH

WORLD-CHANGING IMPACT

WITH A CREATIVE, ENTREPRENEURIAL, AND AMBITIOUS SPIRIT, we advance discovery and solutions to tackle the biggest health challenges of the 21st century. Our research portfolio is among the largest at schools of public health. Our faculty works across disciplines to conduct cutting-edge research, with approaches that include basic science research, epidemiological studies, data science research, randomized controlled trials, ethnographic surveys, longitudinal studies, toxicology, and microbial surveillance.
DOZENS OF RESEARCH CENTERS, PROGRAMS, INITIATIVES, AND LABS ADVANCE DISCOVERY AND KNOWLEDGE.

THE CLIMATE AND HEALTH PROGRAM, the first of its kind at a school of public health, anticipates, prevents, and mitigates the impacts of climate change on human health.

ICAP AT COLUMBIA UNIVERSITY improves the health and well-being of communities around the world through research, program implementation, education and training, and impact measurement. Working with ministries of health, multilaterals, healthcare providers, and patients, ICAP has addressed major global public health challenges and the needs of local health systems in more than 30 countries since 2003.

THE CENTER FOR INFECTION AND IMMUNITY pioneers innovative tools to identify, diagnose, and treat infectious diseases around the globe. CII is one of the world’s largest academic centers for basic and translational research in microbial surveillance, discovery, and diagnosis.

THE CENTER FOR THE HISTORY AND ETHICS OF PUBLIC HEALTH explores the ethical considerations and historical context of public health policies and research questions.

THE ROBERT N. BUTLER COLUMBIA AGING CENTER catalyzes the study of aging and the public health implications of aging societies, and develops evidence to support successful aging for individuals and societies alike.

THE GLOBAL HEALTH JUSTICE AND GOVERNANCE PROGRAM integrates public health, scientific, and legal expertise to generate research and influence governance standards that affect the health of individuals and communities at the international or national level.

THE HARLEM HEALTH PROMOTION CENTER works to improve the health and well-being of the Harlem community through research, education, advocacy, and service delivery.

THE COLUMBIA CENTER FOR CHILDREN’S ENVIRONMENTAL HEALTH conducts community-based research on prenatal and early postnatal health impacts posed by exposure to common pollutants, such as lead, plastics, pesticides, and flame retardants.

THE COLUMBIA CENTER FOR CHILDREN’S ENVIRONMENTAL HEALTH conducts community-based research on prenatal and early postnatal health impacts posed by exposure to common pollutants, such as lead, plastics, pesticides, and flame retardants.
Our **ACADEMIC DEPARTMENTS** and **EDUCATIONAL PROGRAMS** integrate an innovative skills-based curriculum, research collaborations, and hands-on field experience to prepare students for leadership roles in a range of industries or in research and academia. Award-winning faculty mentors work across disciplines—biology, sociology, statistics, history, policy, and many more—to take public health from theory to practice through leading research and programs around the globe.

**BIOSTATISTICS** develops the theoretical and statistical methods used to analyze complex survey data and support evidence-based decision-making in public health and biomedical disciplines.

MPH, MS, DrPH, PhD

**ENVIRONMENTAL HEALTH SCIENCES** conducts research and education to understand, prevent, and mitigate the impact of environmental exposures and climate change on human health.

MPH, MS, DrPH, PhD

**EPIDEMIOLOGY** is a fundamental public health science, a leader in addressing new patterns and causes of illness and injury to prevent or control human disease.

MPH, MS, DrPH, PhD

**HEALTH POLICY AND MANAGEMENT** blends research and education on the development, implementation, and evaluation of health policies and the administrative functioning of health systems and organizations.

MPH, MHA

**THE HEILBRUNN DEPARTMENT OF POPULATION AND FAMILY HEALTH** explores the legal, policy, and human rights dimensions of health, particularly within communities in low-income, unstable, or inequitable environments around the globe.

MPH, MS

**SOCIOMEDICAL SCIENCES** is dedicated to understanding and addressing the social, political, historical, cultural, psychological, and economic forces that influence health outcomes.

MPH, MS, DrPH, PhD
GLOBAL IMPACT

24 TIME ZONES. THAT’S ALL OF THEM. We work to protect and improve health in all corners of the world. Our faculty and staff work with communities, governments, and international organizations to share our expertise, conduct vital research, and implement projects around the globe. Throughout, we advance a human rights-based approach, and partner with and learn from the populations that we serve, locally and globally. Whether we’re tracking the Ebola and SARS viruses, examining the impact of climate change on health, or providing HIV treatment in those countries hardest-hit by the epidemic, our School is a global resource for people and communities in need.
Our students come from more than 40 U.S. states and territories and more than 50 countries.

Our faculty, staff, and students conduct research and implement programs in more than 100 countries.

A health care worker in the ICAP-supported Link4Health project in Eswatini rides from Mankayane Government Hospital to visit rural patients. Because of bad roads it can take outreach workers up to four hours to reach their patients. Once the patients are located, their addresses are entered into GPS systems so that they can be easily located for future visits.
NEW YORK CITY—one of the most exciting cities in the world—is a public health hub where you can see complex health issues, programs, and systems up close. Students can build their network and gain valuable real-world experience with leading institutions such as the high-profile NYC Department of Health and Mental Hygiene, the United Nations, top hospitals, NGOs, consulting firms, and global companies. We also collaborate with community-based organizations in our neighborhood and throughout the city to address critical local public health issues.
NEW YORK CITY is also our playground. Our northern Manhattan neighborhood, Washington Heights, is home to concert venues, museums, parks, excellent food, and so much more. The rest of the city is just a walk or quick bus or subway ride away. Whether you enjoy museums and theater, amazing architecture and historic sites, trying new restaurants (24,000 in Manhattan alone!), or listening to live music, you will find what you are looking for in New York. It’s a great place to be a graduate student, because it’s alive 24 hours a day, seven days a week. Taking advantage of all New York City has to offer is essential to the Columbia experience.
Our students benefit from all that COLUMBIA UNIVERSITY has to offer, including its MORNINGSIDE CAMPUS, a remarkable community of students and scholars, a global network, and extensive intellectual and cultural resources. Students can pursue their personal, professional, and academic interests through outstanding events, classes, libraries, and lectures across the University.

The MAILMAN SCHOOL OF PUBLIC HEALTH is located on COLUMBIA UNIVERSITY IRVING MEDICAL CENTER’S 20-acre campus, home to students and experts in public health, medicine, nursing, and dentistry. This interdisciplinary richness plays out in the classroom and on campus, where future clinicians and public health experts learn, socialize, and work together to the benefit of all.
Mike Nguyen  
MPH ’18

CURRENTLY: Living in Sacramento, California, and managing a statewide initiative that addresses adverse childhood events so that all children can thrive.

MEMORABLE MOMENT: When I took the stage during orientation to engage in a conversation about equity and justice. I was so humbled and honored to be in the presence of amazing leaders and friends who shared similar mindsets.

LIVING IN NYC: I love love love New York. The diversity of the people, the entertainment, the food! Eating was a priority. Every time I stepped out my door it was an adventure.

IRVING MEDICAL CENTER CAMPUS: There’s a lot of cross-collaboration with the other medical professions. When you can exchange ideas with medical and nursing students, it leads to innovative thinking.

STUDY SPOT: The new Vagelos Education Center, where you can choose between amazing views of the city skyline or the Hudson River.

WHY HERE? I chose Columbia because of the faculty. They really get it.

FAVORITE CLASS: I have a few. Community Based Research was amazing. Public Health Law really pushed me to think about legal systems in new ways.

WHAT SURPRISED ME: Actually meeting the people that I read about. There are so many networking opportunities at Columbia.

MY FELLOW STUDENTS: Inspiring, courageous … Columbia Public Health attracts a lot of beautiful, brilliant minds.

END GOAL: A moment when inequities don’t exist.
Misty Downey
MPH ’18

CURRENTLY: Project manager at a community health clinic that serves 50,000 patients in rural Oregon. I focus on expanding access to healthcare for migrant workers.

HOW MY DEGREE MAKES A DIFFERENCE: I am able to operate at a much deeper level, to understand and respond to complex challenges. I’m also able to use the “hard” skills I learned, such as data analysis, to plan programs.

WHY HERE? I was specifically looking for a program that would prepare me to work in community health, and Columbia was a top-ranked program.

FAVORITE MOMENT: Getting together and baking with my classmates at my apartment in Inwood after Core midterms.

LIVING IN NYC: I loved the farmers markets, especially the one on campus every Tuesday. The Wahi Diner, a few blocks south of campus on Broadway, is open 24/7 and delivers! My friends and I were also regulars at Trader Joe’s on Columbus.

PRACTICUM: Assistant to the New York State Commissioner of Health. I was responsible for running the Grand Rounds program and helping the team respond to whatever the hot issue was at the time, so lots of reading, research, and synthesis!

CLASS THAT CHANGED ME: Epi 2 with Professor Sharon Schwartz. The way that we broke down epidemiology concepts such as selection bias really stuck with me.

WHAT SURPRISED ME: The range of student experiences. I was able to find my niche.
OPPORTUNITIES ABOUND to make your time here fun, memorable, and enriching. Campus activities and events, support services, and a nurturing environment help our students flourish and excel.

Meeting and learning with a diverse community, with students and faculty from around the world fosters lasting friendships and informs your work to address health disparities and inequities. Events, lectures, and activities bring global public health leaders to campus and connect students to the local community.

Like to get involved? Columbia Public Health students are among the most aware and engaged students anywhere. Our dynamic community boasts dozens of student groups offering opportunities for leadership, service, and friendship.

THE OFFICE OF STUDENT AFFAIRS can help you navigate the University and New York and connect you to academic support, services, and student activities.

THE OFFICE OF DIVERSITY, CULTURE, AND INCLUSION leads programs, events, and services for our community to advance our commitment to equity and inclusion.

“With support from the School I founded a group called Women 4 Women. It was an important aspect of my experience and even part of my conversations with prospective employers, who were interested in how we built the group’s brand, following, and engaged with the local community.”
“One of the highlights of my Columbia experience was an intraprofessional trip to Puerto Rico in the aftermath of Hurricane Maria. It was a climate disaster-inspired collaboration among public health, social work, nursing, and medical students and the local community. Our goal? To understand the implications of climate on childhood asthma.”
**OUR DEGREE PROGRAMS** provide students with interdisciplinary public health knowledge, leadership and technical skills, and a domestic and global perspective. Programs are offered in a range of formats to suit your goals, whether you are starting your public health career or are an established professional who wants to strengthen your impact.

Learn more about application requirements and deadlines: publichealth.columbia.edu/apply
MASTER OF PUBLIC HEALTH (MPH)

- **FULL-TIME MPH:** A two-year program that provides the broad systemic understanding, qualitative and quantitative skills, and leadership training needed for a variety of careers in public health practice or research. Students take part in our innovative Core curriculum, build subject expertise through specialized certificates, and gain real-life experience through field placements.

- **ACCELERATED MPH:** An intensive, one-year version of our MPH program for professionals seeking to enhance their career with a degree in public health.

- **EXECUTIVE MPH:** Designed for mid- to senior-level healthcare professionals, the Executive MPH focuses on organizational leadership, health systems, and health policy to provide students with the management and policy skills needed to be effective healthcare leaders.

- **DUAL-DEGREE MPH:** With a curriculum similar to our Accelerated MPH, the dual-degree MPH allows students to also earn a second master’s degree in subjects such as:
  - Bioethics
  - Business
  - Dentistry
  - International and Public Affairs
  - Jewish Ethics
  - Law
  - Medicine
  - Occupational Therapy
  - Social Work
  - Urban Planning

- **BA-MPH:** Joint degree programs are available at:
  - Barnard College
  - Dickinson College
  - Vassar College

MASTER OF HEALTH ADMINISTRATION (MHA)

The Department of Health Policy and Management offers an MHA degree in full-time, part-time, and executive formats that integrate coursework in finance, strategy, leadership, policy analysis, and health systems to prepare students for careers in healthcare administration and management.

MASTER OF SCIENCE (MS)

Our MS curriculum develops specialized knowledge in a scientific field along with a broad public health perspective. Full-time, two-year degree programs are offered by the Biostatistics, Environmental Health Sciences, Epidemiology, Sociomedical Sciences, and Population and Family Health departments. Executive and part-time MS programs are offered by the Epidemiology and Population and Family Health departments.
IN ADDITION TO THEIR PRIMARY DEPARTMENT, full-time MPH students can select from more than 20 certificates for specialized knowledge and skills in a second area of expertise. Many certificates focus on interdisciplinary topics such as global health, chronic disease, and environmental health policy. Other options offer deeper training in specific methods and skills, such as toxicology, health communication, and policy analysis. Management, negotiation, and conflict resolution techniques.
<table>
<thead>
<tr>
<th>DEPARTMENT</th>
<th>CERTIFICATE PROGRAM</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CHOOSE 1</strong></td>
<td><strong>CHOOSE 1</strong></td>
</tr>
<tr>
<td><strong>BIOSTATISTICS</strong></td>
<td>• ADVANCED EPIDEMIOLOGY</td>
</tr>
<tr>
<td><strong>ENVIRONMENTAL HEALTH SCIENCES</strong></td>
<td>• APPLIED BIOSTATISTICS</td>
</tr>
<tr>
<td><strong>EPIDEMIOLOGY</strong></td>
<td>• CHILD, YOUTH, AND FAMILY HEALTH</td>
</tr>
<tr>
<td><strong>HEALTH POLICY AND MANAGEMENT</strong></td>
<td>• CLIMATE AND HEALTH</td>
</tr>
<tr>
<td><strong>POPULATION AND FAMILY HEALTH</strong></td>
<td>• COMPARATIVE EFFECTIVENESS OUTCOMES RESEARCH</td>
</tr>
<tr>
<td><strong>SOCIOMEDICAL SCIENCES</strong></td>
<td>• ENVIRONMENTAL HEALTH POLICY</td>
</tr>
<tr>
<td></td>
<td>• EPIDEMIOLOGY OF CHRONIC DISEASE</td>
</tr>
<tr>
<td></td>
<td>• GLOBAL HEALTH</td>
</tr>
<tr>
<td></td>
<td>• HEALTH COMMUNICATION</td>
</tr>
<tr>
<td></td>
<td>• HEALTH AND HUMAN RIGHTS</td>
</tr>
<tr>
<td></td>
<td>• HEALTH OF AN AGING SOCIETY</td>
</tr>
<tr>
<td></td>
<td>• HEALTH POLICY ANALYSIS</td>
</tr>
<tr>
<td></td>
<td>• HEALTH POLICY AND PRACTICE</td>
</tr>
<tr>
<td></td>
<td>• HEALTH PROMOTION RESEARCH AND PRACTICE</td>
</tr>
<tr>
<td></td>
<td>• HISTORY, ETHICS, AND LAW</td>
</tr>
<tr>
<td></td>
<td>• INFECTIOUS DISEASE EPIDEMIOLOGY</td>
</tr>
<tr>
<td></td>
<td>• INJURY AND VIOLENCE PREVENTION</td>
</tr>
<tr>
<td></td>
<td>• MOLECULAR EPIDEMIOLOGY</td>
</tr>
<tr>
<td></td>
<td>• PUBLIC HEALTH AND HUMANITARIAN ACTION</td>
</tr>
<tr>
<td></td>
<td>• PUBLIC HEALTH RESEARCH METHODS</td>
</tr>
<tr>
<td></td>
<td>• SEXUALITY, SEXUAL AND REPRODUCTIVE HEALTH</td>
</tr>
<tr>
<td></td>
<td>• SOCIAL DETERMINANTS OF HEALTH</td>
</tr>
<tr>
<td></td>
<td>• TOXICOLOGY</td>
</tr>
</tbody>
</table>
AT THE HEART OF THE FULL-TIME MPH PROGRAMS is our innovative Core curriculum, which provides students with the broad, interdisciplinary foundation of knowledge and skills essential for a career in public health. Since it was launched in 2012, our Core has set a rigorous standard and become a model for other programs.

TYPICAL MPH PATH:

<table>
<thead>
<tr>
<th>SEMESTER 1</th>
<th>SEMESTER 2</th>
<th>SUMMER</th>
</tr>
</thead>
<tbody>
<tr>
<td>FAL  L</td>
<td>SPRING</td>
<td></td>
</tr>
</tbody>
</table>

INTEGRATION OF SCIENCE AND PRACTICE

LEADERSHIP

INTEGRATION OF SCIENCE AND PRACTICE
During the Core, students examine critical public health issues and develop exceptional quantitative and qualitative skills through classes such as RESEARCH METHODS AND APPLICATIONS and DETERMINANTS OF HEALTH. The INTEGRATION OF SCIENCE AND PRACTICE course uses case studies to connect classroom education with real-world impact, and the popular LEADERSHIP course rounds out students’ skill sets with management, negotiation, and conflict resolution techniques.
“Before I pursued public health, I was a high school teacher in Chicago’s South Shore neighborhood. In just three years, three of my students were killed in shootings. I knew I needed to do something, so I came to Columbia to work with leading researchers on gun violence prevention.”
OUR DOCTORAL PROGRAMS provide advanced, innovative, research-oriented training in public health science and practice. Students collaborate closely with faculty mentors, and gain the skills to create new knowledge and develop solutions to improve population health. The Doctor of Philosophy (PhD) degree, which focuses on theory, methodology, and independent research, is primarily for those interested in pursuing influential academic or research careers. The Doctor of Public Health (DrPH) degree, which emphasizes the practical application of public health science, is primarily for those students interested in high-level public health and healthcare leadership roles.

PhD PROGRAMS:
  • BIOSTATISTICS
  • ENVIRONMENTAL HEALTH SCIENCES
  • EPIDEMIOLOGY
  • SOCIOMEDICAL SCIENCES

DrPH PROGRAMS:
  • BIOSTATISTICS
  • ENVIRONMENTAL HEALTH SCIENCES
  • EPIDEMIOLOGY
  • POPULATION AND FAMILY HEALTH
  • SOCIOMEDICAL SCIENCES
**THE PRACTICUM**—a field placement through which students gain hands-on, real-world experience—is a highlight of the full-time MPH and MHA experiences. Students collaborate with faculty to develop projects in coordination with the School’s network of healthcare institutions, local and national governments, private-sector companies, and NGOs in New York City and more than 40 countries. In addition to the Practicum, throughout the school year students can participate in service projects and internships, locally and globally.

Whether they remain local or travel overseas, our students spend months in the field, implementing programs and conducting research with organizations such as Planned Parenthood, the World Health Organization, and Doctors Without Borders. Many students use the data from their Practicum as a component of their master’s thesis or capstone paper.
Quinton Neville ’20 worked at the UVA Biocomplexity Institute.

Kai Wilmsen ’20 monitored environmental metrics in New York.

“Being in the field brings what we learn in the classroom to life.”

NYASHADZASHE MAKONI, MPH ’18
Practicum: Strategic Information Intern, ICAP, Zimbabwe
Certificate: Global Health
YOU CAN GO ANYWHERE FROM HERE, AND YOU WILL. Whether you’re interested in jobs, fellowships, or internships, or want tips on writing your resume or interviewing, our Career Services team will help advance your professional development from the time you’re a student throughout your career.
OUR STUDENTS AND ALUMNI HAVE ACCESS TO:

- Job fairs and on-campus employer presentations exclusively for our students
- A global network of employers and alumni
- An online alumni-student mentoring program
- A proprietary job board
- In-depth, tailored resources and lifelong career coaching

MORE THAN 220 ORGANIZATIONS RECRUITED WITH US IN THE LAST YEAR, INCLUDING:

- Aetna
- AIDS Healthcare Foundation
- Alzheimer's Foundation of America
- Association of Maternal and Child Health Programs
- Bayer
- BDO Consulting
- Centers for Disease Control and Prevention (CDC)
- Charles River Associates
- Children's Aid Society
- Clinton Health Access Initiative (CHAI)
- Columbia University Irving Medical Center
- Dana-Farber Cancer Institute
- Deloitte
- Doctors Without Borders
- EcoHealth Alliance
- Eli Lilly and Company
- Harlem Children's Zone
- The Henry J. Kaiser Family Foundation
- IBM Watson
- The Institute for Family Health
- International Rescue Committee
- Johnson & Johnson
- KPMG
- Massachusetts General Hospital
- Mayo Clinic
- McKinsey & Company
- Memorial Sloan Kettering Cancer Center
- Mount Sinai Health System
- National Cancer Institute
- National Institutes of Health (NIH)
- New York City Department of Health and Mental Hygiene
- Pfizer
- Planned Parenthood
- UNICEF
- United Nations Population Fund (UNFPA)
- U.S. Agency for International Development (USAID)
- U.S. Department of Health and Human Services
- World Bank
- World Health Organization

97% of our graduates are employed or continuing their studies by the December following graduation.
Founded in 1922, we were one of the first schools of public health in the United States.

We are ranked #4 among schools of public health nationally and #1 in New York, according to *U.S. News & World Report*.

One of the largest schools of public health in the United States, we are an essential part of Columbia University and the Columbia University Irving Medical Center.

Our world-class faculty include National Academy of Medicine members, Guggenheim Fellows, MacArthur Foundation ‘Genius grant’ winners, and Royal Society Fellows.

We receive the largest amount of CDC funding and the 6th largest amount of NIH funding among all U.S. schools of public health.

We have 248 full-time faculty; nearly half of our faculty have interdisciplinary appointments across Columbia University departments, schools, and centers.

We have a student body of approximately 1,500 students across master’s, doctoral, and postdoctoral programs.

97% of our graduates are employed or continuing their studies within six months of graduation.

Our alumni community includes more than 15,000 graduates living in 80 countries.

*(Based on a 2019 snapshot)*
Connect With Us

If you’re committed to building a healthier world, and think Columbia may be the place for you, please get in touch. Reach out to our Admissions team or visit us if you can.

Visit the Office of Admissions and Financial Aid at 722 West 168th Street or contact us at ph-admit@columbia.edu or 212-342-5127.

Learn more on our website: publichealth.columbia.edu/apply

Financial Aid

We’re here to help as you plan for financing your graduate education. Our Financial Aid Office can assist you with budgeting, financial literacy, and securing need- and merit-based funding for your studies, including scholarships; work-study; grants; fellowships; and federal, state, and private loans. There are also teaching and research opportunities with academic departments and research centers.

We encourage you to contact us for help mapping your individual needs or to ask any questions.

Our Financial Aid team can be reached at sphfinaid@columbia.edu or 212-305-4113.