A NEW GENERATION OF PUBLIC HEALTH LEADERSHIP
PUBLIC HEALTH HAS AT ITS ROOT THE QUEST FOR SOCIAL JUSTICE

Mary T. Bassett
Former Commissioner of the New York City Department of Health and Mental Hygiene
Associate Professor, Epidemiology
REINVENTING PUBLIC HEALTH EDUCATION
Public health affects each of us, in every country, city, and home on earth. Whether it’s improving the quality of the air we breathe, the safety of the streets we travel, or the availability of food to eat—ideas are first imagined, then tested, and then implemented to make the world a healthier, safer, and more just place. Yet for every solution developed, public health must keep pace with emerging challenges such as climate change, rapid urbanization, increasing inequity and health disparities, here in New York City and across the globe.

Columbia University’s Mailman School of Public Health recognizes that training and education must continually evolve to prepare the next generation of public health leaders. Our cutting-edge curriculum embraces interdisciplinary training, hands-on experience, teamwork and leadership skill development, and close mentorship from the top researchers in the field. Our graduates emerge with the tools they need to think through complex issues, test groundbreaking ideas, and implement solutions that prolong life, improve safety, reduce social disparities, and make whole populations healthier.

“It is an incredibly exciting time to study public health, with complex challenges and enormous opportunities to improve health and well-being. Our faculty work closely with our students to ensure they gain both the skills and experience necessary to have an impact in communities around the world.”

—Julie Kornfeld, PhD, MPH, Vice Dean for Education and Associate Professor of Epidemiology

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THE COLUMBIA MPH

The Columbia Master of Public Health (MPH) experience prepares students for the collaborative, integrated practice of public health in the 21st century. At the heart of our program is the Core Curriculum, which is required of all incoming students in their first semester. The Core consists of six interdisciplinary areas of study, including Research Methods and Applications and Determinants of Health, that provide an interlocking foundation of knowledge essential for a successful career in public health.

Students advance through the Core Curriculum in a cohort group comprised of peers from across the School’s departments, exploring issues such as the patterns of disease and premature death in the United States; existing and emerging health disparities within and across nations; and the role of values and belief systems in designing interventions that promote health.

In addition to the Core Curriculum, a two-semester course, Integration of Science and Practice, uses case studies to connect traditional classroom education with real-world experience. Our Leadership and Innovation course rounds out students’ skill sets, using techniques like role-playing to teach management and conflict resolution techniques that are critical to the teamwork required of public health careers.
CERTIFICATE PROGRAMS

MPH students can select from more than 20 certificate options to obtain training in a second area of expertise beyond their primary discipline. The certificate programs were crafted in consultation with public health employers and stakeholders to reflect the knowledge and skills needed in today’s professional landscape.

Many of our certificates focus on interdisciplinary topics such as global health, chronic disease, health management, and public health research methods. Other options offer deeper training within a specific discipline, such as advanced epidemiology, toxicology, and policy analysis.

Many students apply for a specific certificate program during the application process, while others make that decision during their first semester.

Certificates

- Advanced Epidemiology
- Applied Biostatistics
- Child, Youth, and Family Health
- Climate and Health
- Clinical Research Methods
- Comparative Effectiveness Outcomes Research
- Environmental Health Policy
- Epidemiology of Chronic Disease
- Global Health
- Health Communication
- Health and Human Rights
- Health of an Aging Society
- Health Policy Analysis
- Health Policy and Practice
- Health Promotion Research and Practice
- History, Ethics, and Law
- Infectious Disease Epidemiology
- Injury Prevention and Control
- Molecular Epidemiology
- Patient Oriented Research
- Pharmaceutical Statistics
- Public Health and Humanitarian Assistance
- Public Health Informatics
- Public Health Research Methods
- Sexuality, Sexual and Reproductive Health
- Social Determinants of Health
- Statistical Genetics
- Theory and Methods
- Toxicology

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LOCAL TO GLOBAL
The changing landscape of public health transcends regions, communities, cultures, and borders. Our faculty are leading authorities on the local, national, and global dimensions of critical topics such as climate and health, HIV/AIDS treatment and prevention, healthy aging, maternal health, and infectious diseases.

Locally, our faculty, research centers, and students are connected to signature New York City institutions at Columbia University and beyond. We also collaborate with Northern Manhattan community groups to investigate critical public health issues impacting our own neighborhood, such as the causes of increased respiratory disorders in children or exploring how to decrease breast cancer rates among minority women.

On the global stage, our research centers and faculty work with governments and international organizations to share our expertise and lead projects around the world. Whether it’s tracking the SARS virus in China; developing programs to improve access to health care for migrant populations; or providing support to Sierra’s Leone response to the Ebola outbreak, our School is a global resource to communities in need.
PRACTICA

The Practicum—essentially an internship in the field—is a highlight of the MPH and full-time Master of Health Administration (MHA) experience. Students collaborate with faculty to develop Practicum projects in coordination with the school’s network of government agencies and healthcare institutions in New York City and around the globe. Whether they remain local or travel overseas, work in government, industry or for an NGO, our students spend months in the field, implementing programs or conducting research with key decision-making institutions such as the New York City Department of Health, World Health Organization, The Global Fund, and Medecins Sans Frontiers.

Students receive professional and educational support in the field from their onsite supervisor and departmental advisor; some financial support is also available. Upon completion, students present their Practicum projects at departmental or school-wide events. Many students use the data from their Practicum as a component of their Master’s thesis or Capstone paper.

Previous Practicum Projects Include:

• Curriculum and training development at Young Men’s Health Initiative
• Evaluation of an HIV prevention intervention in Rakai, Uganda
• School Health Vision project at the New York City Department of Health and Mental Hygiene
• Program evaluation at Planned Parenthood Federation of America
• Development of a health assessment process for use at a refugee camp in Jordan
• Implementation of an administrative platform for a behavioral health payer at Pricewaterhouse Coopers
A WEAK HEALTH SYSTEM ANYWHERE, MAKES US VULNERABLE EVERYWHERE.

Craig Spencer, MD, MPH ’15
International Emergency Medicine Fellow, ’13
Assistant Professor, Population and Family Health
Doctors Without Borders physician who recovered from Ebola following a six-week volunteer assignment in Guinea
Our six academic departments offer students myriad opportunities to learn from experts in specialized fields. Across the School, our faculty consist of world-class authorities who conduct pioneering research and program implementation.

They are dedicated teachers and mentors—many having been recognized with prestigious University teaching awards—with a passion for sharing their expertise both in and out of the classroom. Regardless of which department you select, you’ll find that one of Columbia’s key strengths is the spirit of cross-disciplinary collaboration infused across the curriculum and faculty research.

Departments
- Biostatistics
- Environmental Health Sciences
- Epidemiology
- Health Policy and Management
- Population and Family Health
- Sociomedical Sciences

mailman.columbia.edu/departments
Biostatistics is the foundation for evidence-based decision-making in public health, medicine, and the population sciences. Our Biostatistics Department educates the next generation of biostatisticians through an innovative curriculum, hands-on experience, and exposure to the latest in research findings and methods. Biostatisticians develop the theoretical and statistical methods used across public health and biomedical disciplines to analyze complex survey data and quantify pressing issues, such as disease prediction and toxicity burden.

“The continued emergence of big data is driving the development of new ways to quantify evidence and enable prediction from large-scale data. Our applied research leads to novel discoveries pertaining to cancer, HIV/AIDS, neurological and psychiatric disorders, cardiovascular health, and aging, among others.”

—F. Dubois Bowman, PhD, chair of the Department of Biostatistics
Students in the Environmental Health Sciences department address local, regional, and global public health issues to understand the impact of and develop solutions for environmental exposures on health and seek new methods for prevention and treatment.

Using both laboratory and population-based approaches, our faculty carry out research in epigenetics, neurotoxicology, climate change, cancer, asthma and maternal and child health. Through coursework and student involvement in research, our faculty work closely with students to develop solutions to critical environmental health issues.

“Our amazing faculty are extremely dedicated to mentoring the next generation of environmental health scientists who will address the public health issues that arise from environmental exposures, a changing climate, and social injustice.”

—Andrea Baccarelli, PhD, MD, chair of the Department of Environmental Health Sciences
Epidemiology, which is the study of the patterns and causes of illness and injury, is the cornerstone science of public health. Many of the benefits we enjoy today are the direct result of over a century of epidemiological fieldwork and research to eradicate diseases, improve our environments, make us safer, and set the record straight for countless health threats that would have otherwise gone unrecognized.

Our Department of Epidemiology, among the oldest and most storied in the world, is a leader in addressing new patterns of disease—from gun violence to mental health—and influencing real-world health outcomes and policy at all levels.

“It is our duty to put forward the absolute best, life-saving science and to train the next generation of scientists. All of our faculty and staff are deeply committed to and motivated by one thing—producing world class science with real world impact.”

—Charles Branas, PhD, chair of the Department of Epidemiology

Degree Programs
- Master of Public Health (MPH)
- Accelerated MPH
- Master of Science (MS)
- Doctor of Public Health (DrPH)
- Executive MS
- Doctor of Philosophy (PhD)

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HEALTH POLICY AND MANAGEMENT

The Health Policy and Management Department’s education and research focuses on the development, implementation, and evaluation of health policies and the administrative functioning of health systems and organizations. Recognized nationally for its unique blend of classroom and professional development programs, the department provides students with the skills, networks, and practical experiences needed to navigate complex healthcare environments to deliver better health at a lower cost, and produce more equitable and efficient health systems.

“In this time of change, our mission remains clear: to contribute to the creation and management of better health systems, both domestically and globally.”

—Michael S. Sparer, JD, PhD, chair of the Department of Health Policy and Management
Population and Family Health explores the legal, policy, and human rights dimensions of health, particularly within communities around the globe in low-income, unstable, or inequitable environments. Researchers employ knowledge of the impact of law and global governance on public health, health systems analysis, and implementation science to promote the delivery of equitable health care for all. The department’s focus areas include reproductive and sexual health, the wellbeing of migrant populations, child and adolescent health, complex health systems, and environmental justice.

“Our vision is to affirm that health is a basic human right. Using multidisciplinary approaches, our Department creates the evidence to inform and shift policy and practice. In partnership with communities globally, we seek to develop the evidence of what will prevent or lift populations out of health-related adversities.”

—Terry McGovern, JD, chair of the Department of Population and Family Health
Sociomedical Sciences is dedicated to understanding and addressing the social forces that influence health. The department draws upon methods and frameworks from anthropology, behavioral science, ethics, history, psychology, political science, and sociology. Faculty analyze the ways that health and policy outcomes are influenced by characteristics such as race, ethnicity, socioeconomic status, gender, and sexuality, and social conditions such as poverty, discrimination, and stigma. The Sociomedical Sciences department is devoted to promoting equity and reducing disparities in health.

“To create effective programs that improve health, you have to take into account the contextual factors that structure people’s choices, actions, and exposure to risks. We give students the skills and knowledge to do that.”

—James Colgrove, PhD, MPH, interim chair of the Department of Sociomedical Sciences
INTERDISCIPLINARY STUDIES

GENERAL PUBLIC HEALTH

The General Public Health track is a one-year program within the Accelerated MPH degree that allows students to design an individualized, interdisciplinary curriculum based on their professional background and specific career interests. Candidates generally have either a higher-level degree (such as an MD), at least two years of full-time healthcare-related work experience, or are participating in a dual-degree program. The curriculum is similar to the two-year MPH, but completed at a faster, more demanding pace.

DUAL DEGREE OPTIONS

The School offers many dual-degree programs with other institutions at Columbia University:

- MBA (School of Business)
- MIA, MPA (School of International and Public Affairs)
- JD (School of Law)
- MSW (School of Social Work)
- MD (College of Physicians & Surgeons)
- DDS (College of Dental Medicine)
- MSOT (Programs in Occupational Therapy)
- MSUP (Graduate School of Architecture, Planning and Preservation)
- MS Bioethics (School of Professional Studies)
- MA (Jewish Theological Seminary)

mailman.columbia.edu/interdisciplinary
THROUGH YOUR EDUCATION AND GROWTH INTO A LEADER IN PUBLIC HEALTH, YOU ARE GOING TO AFFECT THE LIVES OF MILLIONS.

Linda P. Fried, MD, MPH
Dean and DeLaMar Professor of Public Health, Mailman School of Public Health
Senior Vice President, Columbia University Irving Medical Center
Professor of Epidemiology and Medicine
A PUBLIC HEALTH CAMPUS IN NEW YORK CITY
New York City is a laboratory for public health in action. The city is home to multiple distinct health systems, among them the Department of Health and Mental Hygiene, considered the largest and most influential local health department in the nation.

Our School is located on the Columbia University Irving Medical Center’s 20-acre campus in the Washington Heights neighborhood. Our campus is home to public health and medical experts who provide global leadership in scientific research, health and medical education, and patient care. In addition, the Medical Center hosts distinguished guest lecturers and visitors throughout the year.

Many students find Practicum placements and job opportunities with one of the hundreds of government agencies, nonprofit organizations, and private-sector healthcare enterprises located in New York City and greater metropolitan area, including:

• the New York City Department of Health and Mental Hygiene
• the New York City Departments of Education, Environmental Protection, and Parks
• Mount Sinai Hospital
• Planned Parenthood
• UNICEF

And when a study break is in order, cultural opportunities abound: from Ellis Island to the Bronx Zoo, the Museum of Modern Art to Madison Square Garden, and everywhere in-between, New York City brims with energy and excitement.

mailman.columbia.edu/community
98% of job seekers are employed by the December after graduation.
CAREER SERVICES

There has never been a better time to launch a career in public health or health administration, and virtually all of our job-seeking graduates find meaningful public health or healthcare positions across sectors. We support students and alumni with career resources, and help to develop interview, job search, and networking skills. Our career fairs and employer presentations welcome more than 160 employers to campus each year. The Office also organizes trips to Washington, DC to connect students with employers and alumni contacts.

Our alumni have gone on to positions at government organizations such as the Centers for Disease Control and Prevention and WHO, companies such as FitBit and Pfizer, nonprofits such as Doctors Without Borders and Planned Parenthood, consulting firms like McKinsey and Deloitte, and hospitals including Memorial Sloan Kettering and Brigham and Women’s Hospital.

OUR ALUMNI ARE EMPLOYED ACROSS PUBLIC AND PRIVATE SECTORS

- 32% Hospital/Health Care
- 3% Marketing
- 4% Technology
- 10% Consulting
- 11% Government
- 14% University
- 3% Managed Care/Insurance
- 8% Non-Profit (Domestic)
- 4% Pharmaceutical/Biotech
- 5% Non-Profit (International NGO)
- 3% Other
- 3% Research Organization

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CAREER SUPPORT FOR LIFE

Our Office of Career Services provides support to students and alumni throughout their career. Your first job is just the start of your exciting future in the growing field of public health—and we are always ready to help at any point along your professional journey.

- GUIDANCE: We provide empathetic career counseling and coaching to help you explore, develop, and refine your career vision and goals, now and throughout the lifelong career development process.
- EDUCATION: We help you develop your skills in self-marketing, communications, professional etiquette, and relationship-building, to empower you to achieve your career and professional goals.
- CONNECTIONS: We actively cultivate school-wide partnerships with a broad range of relevant employers and establish alumni and student networks to increase your professional opportunities.

WHAT EMPLOYERS ARE SAYING

Columbia Mailman students have a “positive attitude, confidence, knowledge of a variety of topics.”—Women Deliver

“The students are confident, assertive, have great experience, background, and are passionate about public health. They also have great writing and technical skills, and are very knowledgeable and skilled.”—New York City Department of Health and Mental Hygiene

Strengths of Columbia Mailman students include “an integrated healthcare background, with diversified skills, where the core department could be different from the certificate department.”—BD

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EMPLOYERS INCLUDE
APPLY NOW

OUR STUDENTS

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<tr>
<td>Total Enrollment</td>
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<tr>
<td>Masters Students</td>
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<tr>
<td>Doctoral Students</td>
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<tr>
<td>Have Prior Graduate Degrees</td>
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<tr>
<td>Have MDs</td>
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<tr>
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HOW CAN WE HELP YOU?

Interested in learning more about our School and its programs?

We invite you to schedule an appointment with an Admissions Advisor who can offer guidance regarding our programs and provide details on how to apply. You may also schedule a campus tour, visit a class, or meet with faculty and current students.

VISIT US: mailman.columbia.edu/visit
ATTEND AN INFO SESSION OR AN OPEN HOUSE: mailman.columbia.edu/recruitment-calendar

To learn more about deadlines and other program specific requirements, please visit mailman.columbia.edu/process

Contact us:
ADMISSIONS: ph-admit@columbia.edu or 212-305-3927
FINANCIAL AID: sphfinaid@columbia.edu or 212-305-4113
APPLICATION DEADLINE: JANUARY 15

mailman.columbia.edu/apply