

# NEW YORK CITY EPIDEMIOLOGY FORUM

## *Epidemiology in the Age of Uncertainty: Navigating Complexity, Embracing Innovation*



**April 8, 2025 9:00 a.m. – 4:15 p.m.**

**The Sondra and David S. Mack Student Center**

**Hofstra University, Hempstead, NY**

<b>8:30-10:00</b>	<b>Registration</b> <i>Student Center – Multi-purpose Room East Lobby (Rm. 101E)</i>
<b>9:00-10:00</b>	<b>Coffee &amp; Career</b> <i>Student Center – Plaza Rooms (Rm. 127)</i> Moderated by Martine Hackett, PhD (Hofstra University) <ul style="list-style-type: none"> <li>• Megan Diamond, MS (World Health Organization)</li> <li>• Janani Iyer, PhD (Absci Corporation)</li> <li>• Perpetual Tamakloe, MPH (Merck &amp; Co.)</li> <li>• Stephanie Tuminello, PhD MPH (Icahn School of Medicine at Mount Sinai)</li> <li>• Gretchen Van Wye, PhD (NYC Department of Health and Mental Hygiene)</li> </ul>
<b>10:00-10:10</b>	<b>Welcome and Introduction</b> <i>Student Center Theater (Rm. 151)</i> Jacqueline Moline, MD MSc (SVP, Occupational Medicine, Epidemiology & Prevention, Northwell Health) Reginald Alston, PhD (Dean of School of Health Sciences, Hofstra University)
<b>10:10-10:45</b>	<b>Keynote</b> <i>Student Center Theater (Rm. 151)</i> <b>Michael Dowling (President and CEO, Northwell Health)</b> <b><i>Healthcare 2025: Navigating Challenges, Seizing Opportunities</i></b> Introduction by Rebecca Schwartz, PhD (Northwell Health)
<b>10:45-11:15</b>	<b>Oral Presentations and Q&amp;A</b> <i>Student Center Theater (Rm. 151)</i>
<b>11:15-12:00</b>	<b>Poster Session A</b> <i>Student Center – Multi-Purpose Room (Rm. 101)</i>
<b>12:00-1:15</b>	<b>Grab-and-go Lunch</b> <i>Lobby of Student Center Theater</i>
<b>12:15-1:15</b>	<b>Structured Lunch Sessions</b> <i>Student Center Conference Rooms (Rms. 141-145)</i> <ul style="list-style-type: none"> <li>• Chronic Disease Epidemiology: Elizabeth Kantor, PhD &amp; Hari Iyer, ScD</li> <li>• Environmental &amp; Occupational Epidemiology: Pam Factor-Litvak, PhD &amp; Maaïke van Gerwen, MD PhD</li> <li>• Social Epidemiology &amp; Community Health: Magdalena Cerda, DrPH &amp; Byoungjun Kim, PhD</li> <li>• Infectious Disease Epidemiology: Brandilyn Peters-Samuelson, PhD &amp; Elizabeth Kelvin, PhD</li> </ul>
<b>1:15-2:00</b>	<b>Poster Session B</b> <i>Student Center – Multi-Purpose Room (Rm. 101)</i>
<b>2:15-3:00</b>	<b>Flash Science Presentations</b> <i>Student Center Theater (Rm. 151)</i>
<b>3:00-3:15</b>	<b>Poster Awards</b> <i>Student Center Theater (Rm. 151)</i> Corinne Kyriacou, PhD (Vice Dean, School of Health Sciences, Hofstra University)
<b>3:15-4:00</b>	<b>Keynote</b> <i>Student Center Theater (Rm. 151)</i> <b>Rulla Tamimi, ScD (Chief, Epidemiology Division, Population Health Sciences, Weill Cornell Medicine)</b> <b><i>Growth Mindset: Applications to Epidemiology, Career, and Life</i></b> Introduction by Martine Hackett, PhD (Hofstra University)
<b>4:00-4:15</b>	<b>Closing Remarks</b> <i>Student Center Theater (Rm. 151)</i> Corinne Kyriacou, PhD (Vice Dean, School of Health Sciences, Hofstra University)

## Keynote Speakers

### Michael Dowling

*President and CEO, Northwell Health*

Michael Dowling is one of health care's most influential voices, taking a stand on societal issues such as gun violence and immigration that many health system CEOs shy away from. As president and CEO of Northwell Health, he leads a clinical, academic and research enterprise with a workforce of more than 89,000 and an annual operating budget of \$19.7 billion.

Mr. Dowling has been honored with many awards over the years. In 2020, he received the Presidential Distinguished Service Award for the Irish Abroad, which recognizes individuals for their contributions to Ireland and to Irish communities abroad, presented by the President of Ireland. He also received an honorary fellowship of the Royal College of Physicians of Ireland and is a board member of the Foreign Policy Association. In addition, he received the Ellis Island Medal of Honor and a number of honorary degrees from Fordham University, University College Dublin (Ireland) and the prestigious Queen's University Belfast.

In 2020, Mr. Dowling received the Deming Cup from the Columbia School of Business and has been ranked No. 1 on Modern Healthcare's 100 Most Influential People in Healthcare in 2022. In 2017, he served as the grand marshal of the St. Patrick's Day Parade in NYC. He also chairs the Institute for Healthcare Improvement. Prior to joining Northwell in 1995, Mr. Dowling served in New York state government for 12 years. He held several leadership roles, including director of health, education and human services; commissioner of social services and deputy secretary and chief adviser to former Governor Mario Cuomo. Mr. Dowling was previously a professor of social policy and an assistant dean of Fordham's Graduate School of Social Services.

### Rulla Tamimi, ScD

*Chief, Division of Epidemiology, Population Health Sciences, Weill Cornell Medicine*

Dr. Rulla Tamimi is the inaugural chief of the Division of Epidemiology in the Department of Population Health Sciences and the associate director of population science at the Meyer Cancer Center.

Dr. Tamimi is an esteemed cancer epidemiologist whose research focuses on breast cancer risk and prognosis. As a principal investigator on numerous NIH-funded grants and author of over 200 peer-reviewed publications, she has identified a number of genetic, molecular and lifestyle predictors of breast cancer risk. Her foundational work includes studies on early life and environmental exposures' link to breast disease, molecular characterization of breast tumors, and mammographic features as predictors of breast cancer. Her long-term goals are to identify strategies to prevent breast cancer and improve health equity along the cancer care continuum.

Prior to Weill Cornell, she was an associate professor in epidemiology at the Harvard T.H. Chan School of Public Health, associate professor of medicine at Harvard Medical School, served as PI of the Nurses' Health Study, and the co-lead of the Breast Cancer Program at the Dana Farber/Harvard Cancer Center.

## Oral Presenters

**Hilary Parton, New York City Department of Health and Mental Hygiene:** An internal dashboard visualizing wastewater viral load alongside clinical indicators for COVID-19, flu, and RSV for situational awareness in New York City

**Shabnaz Siddiq, Columbia University Mailman School of Public Health:** Prenatal exposure to phthalate mixtures and birthweight – Findings from an Ethnically Diverse U.S. Pregnancy Cohort (2010-2015)

## Flash Science Presenters

**Julia Catanzano, Hofstra University:** The Relationship Between Landing Mechanics and Mobility in the Upper and Lower Extremity Amongst Male Division I Student-Athletes

**Kyriaki Founta, Northwell Health:** Ancestry-driven methylation differences impact immune function regulation in breast cancer

**Pablo Knobel, Icahn School of Medicine at Mount Sinai:** Urban Nature Profiles and Atherosclerotic Cardiovascular Disease Risk: A Study of Diverse Green Metrics

**Brian Wang, Albert Einstein College of Medicine:** Alcohol Consumption and Insulin Resistance: Exploring the Role of Genetics and the Gut Microbiome in the Hispanic Community Health Study / Study of Latinos (HCHS/SOL)

**Emma Walker, NYU Grossman Long Island School of Medicine:** The Association Between Neighborhood Walkability and Alzheimer's Disease in Women: A Prospective Nested Case-Control Study