

Gillings MPH Population Health for Clinicians Concentration

(formerly known as the PHLP Health Care & Prevention Track)

Overview

The **Population Health for Clinicians** concentration is built on UNC's legendary *Health Care and Prevention* MD-MPH program, a two-decade collaboration between the UNC Schools of Medicine and Public Health. Students in the concentration gain mastery of public health and population science with a unique interdisciplinary focus on clinical, prevention, population and policy sciences. Our curriculum provides tools for clinicians who want to improve population health:

- Prevention
- Critical appraisal of health literature
- Evidence-based practice
- Clinical Epidemiology
- Measurement for outcomes, quality, and effectiveness
- United States health system policy

Population Health for Clinicians Concentration Competencies

The Population Health for Clinicians concentration meets the following competencies:

1. Demonstrate the ability to think critically and analytically about the priority prevention needs of populations and appropriate prevention strategies, considering evidence about benefits, harms and costs.
2. Adopt a systematic approach to critical appraisal of health literature to inform the appropriate use of evidence.
3. Demonstrate a clear understanding of, and ability to contribute to, innovative system strategies that enable constructive dialogue and collaboration across all health stakeholders and build public health and medical systems that deliver quality, effectiveness, safety and equity.
4. Understand and use tools of appropriate data collection methods and assess potential benefits and harms of various strategies to improve health and advance health equity.
5. Synthesize evidence and disseminate findings that enhance the translation of knowledge into policy and practice to promote population health priorities in clinical and community contexts.

Required Population Health for Clinicians Courses

As part of the 42 credit Gillings MPH, and in addition to the MPH Core (12 credits, including PUBH 741 and PUBH 760 below), practicum (3 credits), and electives (9 credits), Population Health for Clinicians students take:

- PUBH 706: Advanced Health Policy for Clinicians (3 credits)
- PUBH 750: Strategies of Prevention for Clinicians (3 credits)
- PUBH 741: Quantitative Measurement and Evaluation (4 credits)*
- PUBH 751: Critical Appraisal of the Health Literature I (1 credit)
- PUBH 752: Critical Appraisal of the Health Literature II (2 credits)
- PUBH 760: Clinical Measurement and Evaluation (3 credits)*
- At least one graduate-level "selectives" on systems, measurement or implementation (3 credits)

*This courses substitutes for the quantitative portion of the MPH Core (SPHG 711 & SPHG 712)

Population Health for Clinicians Culminating Experience

As a culminating experience, students will complete a Master’s paper- a substantial original written work of high quality, either primary research or evidence synthesis. An oral presentation and concentration exam (focused on concentration competencies) are also required for graduation.

Population Health for Clinicians Concentration Course Sequencing and Credits

	Fall	Spring	Summer
Year 1	<p>MPH Core Required: PUBH 713: Understanding Public Health Issues (2) PUBH 741: Quantitative Methods for Health Care Professionals (4)* PUBH 760: Clinical Measurement and Evaluation (3)*</p> <p>PHC Required: PUBH 706: Advanced Health Policy for Clinicians (3) PUBH 750: Strategies of Prevention for Clinicians (3) PUBH 751: Critical Appraisal of the Health Literature I (2) PUBH 749: MPH Year and Career (1)</p> <p>Complete other credits with elective and selective courses</p>	<p>MPH Required: SPHG 721: Conceptualizing Public Health Solutions (2) SPHG 722: Implementing Public Health Solutions (4) Practicum (200 hour) SPHG 702: Practicum Reflection (1)</p> <p>PHC Required: PUBH 752: Critical Appraisal of the Health Literature II (1) PUBH 749: MPH Year and Career (1)</p> <p>Oral Presentation (no credit)</p> <p>Complete other credits with elective and selective courses</p>	<p>Take/Pass Comprehensive Exam (no credit)</p> <p>PUBH 992: Master’s Paper (3)</p> <p>MPH requires a minimum of 42 credit hours</p>

NOTE: The above course sequencing shows a 12-month accelerated option designed for medical students who plan to complete their MPH between the 3rd and 4th years of medical school. Students substitute higher-level courses (PUBH 741) for MPH core’s data analysis and (PUBH 760) for MPH core’s methods and measures courses. This could be extended for additional semesters.

Career Information

After finishing the MD-MPH program, our students match in some of the most competitive residency programs in every specialty across the United States in every specialty. Many of our graduates go on to join academic medical faculties all over the country, including here at UNC. They use their MPH training to participate in research, quality improvement, health system management, and public health governance.

Contact

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