

**Cook County Health and Northwestern University Feinberg
School of Medicine Public Health and General Preventive
Medicine Training Program**

Curriculum

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**COOK COUNTY
HEALTH**

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Faculty and Staff

Program Director



Juleigh Nowinski Konchak, MD, MPH, FASAM

Attending Physician, Behavioral Health, Department of Family and Community Medicine and Center for Health Equity and Innovation, Cook County Health

Physician Advisor, ACHN Substance Use Disorder (SUD) / Medications for Addiction Treatment (MAT) Program, Cook County Health

Assistant Professor, Department of Preventive Medicine, Northwestern University Feinberg School of Medicine

ACCELERAT K12 Scholar, Northwestern University

Juleigh is the Program Director for the Public Health/General Preventive Medicine Residency Program with Cook County Health (CCH) and Northwestern University Feinberg School of Medicine. She is a physician advisor for CCH's substance use disorder (SUD) program and an Addiction Medicine and Preventive Medicine physician. Juleigh is a K12 Scholar with the Agency for Healthcare Research and Quality and Northwestern University, focusing on a regional learning health system to improve access to evidence-based SUD care for individuals involved in the criminal-legal system.

Prior to this role, Juleigh served in public health positions in the U.S. Senate, U.S. Department of Health and Human Services, and Chicago Department of Public Health. Juleigh received her medical degree from the University of Illinois at Chicago College of Medicine, and her Master of Public Health and Certificate in Healthcare Quality and Patient Safety from Northwestern University.

Co-Associate Program Directors



Jacqueline Korpics, MD, MPH, FAAP

Medical Director, Cook County Dept of Public Health

Pediatrician, Department of Pediatrics, Cook County Health

Assistant Professor, Department of Preventive Medicine, Public Health Practice Division, Northwestern University Feinberg School of Medicine

Jacqueline Korpics, MD, MPH, FAAP is a pediatrician and preventive medicine & public health physician who is currently the Medical Director for the COVID-19 Response at the Cook County Department of Public Health (CCDPH). In this position, she leads the suburban Cook County COVID-19 Vaccination Program and oversees various programs including COVID-19 testing and contact tracing. Dr. Korpics has been involved in the COVID-19 response with CCDPH

since January 2020 when she helped investigate the first COVID-19 cases in Illinois. Currently, Dr. Korpics is also working to implement an MPV vaccination program for suburban Cook County. She is also a co-chair of the CCH Trauma-Informed Task Force led by CCDPH.



Darcie Moeller, MD, MPH

COVID-19 Health Equity Lead, Cook County Department of Public Health
Attending Physician, Ruth M Rothstein CORE Center

Assistant Professor, Department of Preventive Medicine, Public Health Practice Division, Northwestern University Feinberg School of Medicine

Darcie Moeller, MD, MPH is a public health and preventive medicine physician. She currently serves as the COVID-19 Health Equity Medical Director at Cook County Department of Public Health where she leads the Health Literacy Initiative, Community Health Worker Programs, and Workforce Development. Dr. Moeller is co-associate program director for the Cook County Health and Northwestern University Feinberg School of Medicine Public Health

and General Preventive Medicine Training Program. She is also an attending physician at the Ruth M Rothstein CORE Center, working in the STI screening clinic.

Dr. Moeller is also an artist and works to promote health equity through work in organizational health literacy.

Site Director, Northwestern University Feinberg School of Medicine

Rowland W Chang, MD, MPH

Professor, Department of Preventive Medicine, Department of Medicine, and Department of Physical Medicine & Rehabilitation, Northwestern University Feinberg School of Medicine

Dr. Rowland Chang, the Northwestern site director of the CCH/NU-FSM Preventive Medicine Training Program, is a rheumatologist and epidemiologist interested in the outcomes of individuals and populations with arthritis and chronic joint symptoms. He sees patients at the Shirley Ryan AbilityLab, where he also teaches clinical rheumatology to medical students and residents. He is a faculty member of the Feinberg School of Medicine's Medical Decision Making course and co-leads an epidemiology course in the Graduate School, participating in the epidemiology education of medical, public health and other graduate students. His research interests focus on understanding and improving functional and disability outcomes of persons with arthritis. He leads the Physical Activity in Rheumatology Research (PARR) group, an interdisciplinary group that studies the consequences of low physical activity/sedentary behavior and tests new approaches to promoting healthy physical activity behaviors in persons with chronic knee symptoms and other rheumatologic disorders. He has been a member of the NIH-funded Arthritis Center since 1982, Director of its P30-funded Methodologic Core, Director of the Program in Public Health from 1996-2018, acting Chair of the Department of Preventive Medicine from 2005-2007, and was the Founding Director of the Institute of Public Health and Medicine from 2012-2016. He is an active volunteer for the Arthritis Foundation and was a Past Chair of the Arthritis Foundation's Board of Directors. He is an active parishioner of St James Episcopal Cathedral and is a member of the Cathedral Choir.

Core Faculty



Keiki Hinami, MD, MS

Director of Applied Research, Center for Health Equity & Innovation, Cook County Health

Medical Director, Recuperation In a Supportive Environment (RISE) Center of Cook County

Associate Professor of Medicine, Rush Medical College

I am a general internist and health services researcher engaged in Cook County Health's initiatives related to better understanding and promoting the social determinants of health. I have led program development and/or evaluation efforts for the Cook County Justice and Mental Health Collaborative, Medical Legal Partnership Program between CCH and Legal Aid Chicago, the CCH

systemwide MAT program implementation, RISE Center of Cook County, and the Flexible Housing Pool Program of Chicago and Cook County.

Chen Y. Wang, MD, MPH

Attending Physician and MCH Faculty Lead, Department of Family & Community Medicine, Cook County Health

Assistant Professor, Department of Preventive Medicine, Public Health Practice Division, Northwestern University Feinberg School of Medicine

Dr. Wang is a family medicine and preventive medicine physician. She is passionate about improving maternal child health through primary care and public health. She is core faculty of the Cook County Health Northwestern University Feinberg School of Medicine Preventive Medicine Residency, where she is the Project Director of its HRSA Primary Care Training and Enhancement

Community Prevention and Maternal Health grant. She is a practicing family medicine clinician at Cook County Health where she sees patients of all ages in family medicine clinic and attends on the family medicine maternal child health service at John H. Stroger, Jr. Hospital of Cook County.



Pamela Ganschow, MD
Director, Cancer Prevention and Survivorship Clinical Programs
Associate Professor of Clinical Medicine, University of Illinois Cancer Center

Immediate Past Program Director

Dr. Pamela Ganschow is the Director of Cancer Prevention and Survivorship Clinical Programs at the University of Illinois Cancer Center, transitioning to her position there in March of 2021 after 23 years at Cook County Health where she held several leadership positions including her role as the Program Director for the CCH/NU-FSM Preventive Medicine Training Program from 2014-2021. She is an oncogeneralist – an internal medicine physician whose clinical care and research focuses primarily on cancer along the continuum of care from prevention and screening through diagnosis and survivorship. She has dedicated her professional life to work in cancer prevention and control, building programs that enable high-quality access to cancer screening, and prevention services for underserved populations. In addition to clinical care and research, Ganschow also enjoys teaching and mentoring medical students, residents, and fellows.



Rachel Rubin, MD, MPH, FACP
Senior Medical Officer, Cook County Department of Public Health
Attending Physician, Ruth M Rothstein CORE Center

Dr. Rachel Rubin is a senior medical officer of the Cook County Department of Public Health and is board certified in Internal Medicine and Preventive Medicine (Occupational Medicine concentration). She has worked for the Cook County Health and Hospitals System for most of the last 38 years and have served in various leadership roles in the organization. She moved into her senior medical officer position with the Cook County Health Department in 2014. Her main areas of responsibility include oversight of the Communicable Diseases Unit, Environmental Health Services Unit, Integrated Health Support Services, and the Tuberculosis medical services and well as leading the Quality Improvement Program of the agency. She has had many years of experience training residents, mentoring research projects, serving as academic advisor to residents when working on their MPH degrees and supervising clinical work. She is adjunct faculty at the University of Illinois, School of Public Health and has served as the Program Director of service grants from the National Institute of Occupational Safety and Health and the Department of Labor. She is part of the core faculty of the Preventive Medicine residency program at Cook County Health.

Dr. Rubin's other professional interests include international health, having worked in Mozambique for

two years as a District Medical Chief and a specialist in Public Health, and in worker's health and safety. She is committed to reducing health inequities and supporting strong community collaborations to improve the health status of all residents of the county.



Kiran Joshi, MD, MPH

Senior Medical Officer, Cook County Department of Public Health
Attending Physician, Department of Family & Community Medicine, Cook County Health

Dr. Kiran Joshi currently serves as Senior Medical Officer at the Cook County Department of Public Health (CCDPH), where he oversees the department's Behavioral Health, Emergency Preparedness, Epidemiology, and Policy Units. He is also an Attending Physician with the Department of Family Medicine at Stroger Hospital. Since joining CCDPH, Dr. Joshi has been responsible for overseeing the development of WePlan 2020, the community health assessment and improvement plan for suburban

Cook County, advancing health equity as an agency and community health priority, and developing the agency's response to the opioid overdose epidemic. From 2020 – 2022, he co-led Cook County's response to the COVID-19 pandemic.

Dr. Joshi has also worked as a consultant to the World Health Organization, where he provided technical assistance in the development of trainings for health workers in sub-Saharan Africa. He completed medical school at the University of Illinois at Chicago and trained in Preventive Medicine at the Johns Hopkins School of Public Health and Family Medicine at Illinois Masonic Medical Center. He is committed to advancing health equity in suburban Cook County.

Additional Faculty

Anne Krantz, MD, MPH

Voluntary Attending Physician, General Medicine and Occupational Medicine Clinics, Cook County Health

Anne Krantz is an Internal Medicine and Occupational Medicine physician at Cook County Health. She has worked in the areas of primary care Internal Medicine, Occupational Medicine, Clinical Toxicology, and the Asthma Clinic, all at Cook County Health. Currently retired, she continues to volunteer in the General Medicine Clinic and the Occupational Medicine Clinics. She was the Medical Director of the Healthy Lungs at CCH, a program using health educators throughout the health system to provide smoking cessation counseling and asthma/COPD education. She has particular interests in health education for patients, smoking cessation, and public health responses to injured workers.

Sponsoring Institutions



COOK COUNTY HEALTH

The Public Health and Preventive Medicine Program sits in the Center for Health Equity and Innovation at Cook County Health.

Cook County Health (CCH) is a health system that consists of two safety-net hospitals, numerous community-based ambulatory clinics, and the state-certified local health department for suburban Cook County. The CCH mission is...

“to deliver integrated health services with dignity and respect regardless of a patient’s ability to pay; foster partnerships with other health providers and communities to enhance the health of the public; and advocate for policies that promote the physical, mental and social well-being of the people of Cook County.”[1]

The Center for Health Equity and Innovation (CHEI) is an innovation platform that fosters a learning health system, provides ideation of programs to support CCH strategic priorities through programmatic, data, and technological innovations, develops cross-departmental and external partnerships to strive for health equity, and identifies and obtains resources for these innovations. The Health Research and Solutions Unit, seated in the CHEI, is dedicated to improving the health of the people of Cook County through collaboration, innovation, rigorous scientific inquiry, and continuous learning.

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The **Institute for Public Health and Medicine** is Cook CCH’s partner institution for administration of the Public Health and Preventive Medicine Program.

Institute for Public Health and Medicine (IPHAM) is “the nexus for all public health activities at the Feinberg School of Medicine. We aim to accelerate innovation at the interface of medicine and public health with measurable improvements for patients and populations.”[2] Currently, four core faculty members of the Public Health and Preventive Medicine Program enjoy faculty appointments within IPHAM, allowing for increased opportunities for teaching, collaboration on projects, and professional development. The IPHAM mission is to...

“...[advance] collaborative research and education that improves health and well-being for all individuals and their communities”[3]

Northwestern University Feinberg School of Medicine (NU-FSM) in Chicago is a research-intensive medical school preparing physicians and scientists to become leaders in their fields. The NU-

FSM mission is...

“...to impact the practice of medicine through discovery and education to improve human health. Our vision is to achieve this mission through continuous quality improvement.”[4]



The Public Health and Preventive Medicine Program is associated with Cook County Department of Public Health, the state-certified health department for suburban Cook County.

Cook County Department of Public Health (CCDPH) serves 2.5 million residents in 125 municipalities in suburban Cook County. The CCDPH mission is...

“to optimize health and achieve health equity for all people and communities of Cook County through our leadership and collaborations, focusing on health promotion and prevention, while advocating for and assuring the natural environmental and social conditions necessary to advance physical, mental and social well-being.”[5]

Program History

The collaboration between CCH) and NU-FSM pertaining to the post-doctoral education of preventive medicine trainees began in 2012, when NU-FSM established IPHAM. IPHAM was Northwestern’s new entity bringing together diverse faculty from many clinical and basic science departments of the medical school as well as from other schools of the university to focus on research and education pertaining to public health, especially to areas that border with clinical practice. At that time, the leader of the CCH Preventive Medicine Training Program was in search of an MPH program that fit the program's needs. And since there was no existing post-doctoral training program in preventive medicine at Northwestern, the leader of IPHAM saw that collaborating with CCH in this preventive medicine training program would strengthen Northwestern’s portfolio of public health relevant clinical education programs. The result has been a very successful program that attracts applicants nationwide to pursue a variety of careers that span medicine and public health.

Mission and Aims

Program Mission

The mission of the Cook County Health & Northwestern Feinberg School of Medicine – Public Health & Preventive Medicine Program is to train primary care and public health-oriented physicians in the principles and practices of clinical and public health approaches to population-based health care. The program is focused on preparing physicians with skills to improve the organization and delivery of preventive, chronic care, and public health services in a population framework, with a focus on addressing health inequities.

Program Aims

To develop residents with:

1. Clinical and programmatic skills necessary for the delivery of preventive medicine and integrated health services to reduce morbidity and mortality from preventable diseases and to address inequities in health.
2. Critical assessment, methodological, and analytic skills with respect to evidence-based health research and interventions with a particular emphasis on epidemiology, environmental health, behavioral health, health equity and public health interventions.
3. Skills to plan, implement, and evaluate population-based initiatives in the setting of healthcare organizations, departments of public health and related public and private agencies
4. Communication and teaching skills in the context of multicultural and multidisciplinary clinical and public health settings, academic and organizational/administrative settings, as well as advocacy in the policy setting.

Strategy and Structure

Program Educational Strategies

Our program aims are achieved through the following strategies.

- Lecture- and case-based learning
- Cooperative learning and group discussion
- Clinical work in primary care and/or preventive medicine focus areas
- Scholarly and research work
- Independent study
- Presentations and teaching activities
- Development of resident portfolios
- Participation in CCH committees

Program Structure

The Public Health and Preventive Medicine Program has three main components: the academic curriculum, the practicum curriculum, and project work.

The academic curriculum provides the foundational content, essential principles, theories and practices for public health and preventive medicine education. The academic curriculum includes attainment of a Master of Public Health degree from Northwestern University Feinberg School of Medicine, weekly preventive medicine section meetings at Cook County Health with didactics, faculty presentations, guest speakers, journal clubs, and board review.

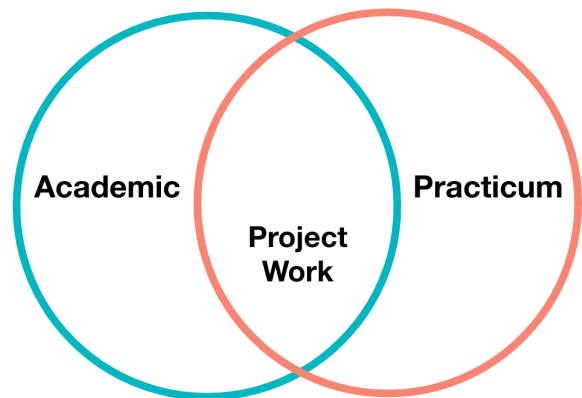
The practicum curriculum provides hands-on experience in public health at the Cook County Department of Public Health, health system work, and clinical medicine. The focus of the practicum curriculum is for trainees to:

- experience a wide breadth of public health and preventive medicine activities
- apply knowledge learned in the academic curriculum
- build interpersonal and communication skills
- maintain and enhance clinical skills

Project work leverages the learning from both the academic and practicum experiences, allowing the trainee to engage in higher-level skills like leadership, teaching, synthesis, writing, and evaluation.

Academic Curriculum

Trainees learn about public health, health systems, and clinical preventive medicine through the academic curriculum. Core academic curricula are mandatory, laying the groundwork for practicum and



project work by exposing trainees to the essential principles, theories and practices of public health and preventive medicine.

All individual academic curricula include:

- Faculty leads and support team
- Overview of why the experience is relevant to general public health and preventive medicine
- Reading and resource list
- Key activities
- Plan for trainee assessment
- ACGME core competencies and milestones the experience helps the trainee develop
- Potential projects trainees can engage in to deepen their experience

Curricular Areas

Master in Public Health

Preventive Medicine and Public Health Didactics

Journal Club

Faculty and Trainee Project Presentations

Preventive Medicine Board Review

Annual USPSTF Critical Review

Health Equity

Professionalism & Professional Development

Practicum Curriculum

Trainees gain experience in the practical application of public health work, health system work, and clinical medicine through the practicum curriculum. Trainees work with the program director to determine the optimal combination of experiences to ensure that they...

- experience a wide breadth of public health and preventive medicine activities.
- apply knowledge learned in the academic curriculum.
- build interpersonal and communication skills.
- maintain and enhance clinical skills.

In addition to mandatory experiences noted below, each trainee is required to complete 80 half-days of clinic annually for a total of 160 half-days by the end of the training program. This generally works out to two half-day sessions of clinic per week. Many of the practicum experiences below have affiliated clinical activities that trainees can rotate through to meet this requirement.

Below is a list of all currently-developed opportunities for practicum experiences. Other practicum experiences may be designed by trainees with special interests by working with the program director.

All individual practicum curricula include:

- Faculty leads and support team
- Overview of why the experience is relevant to general public health and preventive medicine
- Reading and resource list
- Key activities
- Whether the experience is mandatory, strongly recommended, or not mandatory
- Plan for trainee assessment
- Clinical responsibilities (if applicable)
- ACGME core competencies and milestones the experience helps the trainee develop
- Potential projects trainees can engage in to deepen their experience

Curricular Areas

Public Health Rotation

Outbreak Investigation

Population Health & Quality Improvement (in development)

Healthcare Administration (in development)

Advocacy

Disaster Preparedness

Teaching Activities

Continuity Clinic

Behavioral Health & Addiction Medicine

Maternal & Child Health

Cancer Prevention & Control

Sexual Health

Maternal & Child Health

Cancer Prevention & Control

Sexual Health

Chronic Disease Prevention & Treatment

- Cardiovascular Diseases (in development)
- Metabolic Disorders & Nutrition
- Respiratory Diseases (in development)
- Arthritis Disability Prevention & Management

Complex Care

Occupational & Environmental Medicine

Correctional Medicine

Project Work

Project work lies at the heart of the Public Health and Preventive Medicine Program. Project work leverages the learning from both the academic and practicum experiences, allowing the trainee to

engage in higher-level skills like leadership, teaching, synthesis, writing, and evaluation. Projects are chosen by trainees to enhance how the program supports their personal professional goals. While not required, program leadership encourages trainees to engage in at least one research project, one applied public health project, and one quality improvement project.

Publishing work is also not a requirement, but is highly encouraged as dissemination of results and lessons learned are critical to the fields of public health and preventive medicine. Many faculty are actively engaged in scholarly activities and there is ample support for trainees who would like to publish works and/or present at professional conferences. All trainees are strongly encouraged to submit work for the annual internal Cook County Health Institutional Research Day.

There is no minimum number of projects that a trainee needs to complete. Typically, trainees are actively involved in 2 to 3 projects at any given time. Projects may be short in duration, from conception to final work in just a few months, or may run the whole of the trainees time in the program.

One project has the dual function of serving as the Culminating Experience, a required component of the MPH curriculum at Northwestern University Feinberg School of Medicine.

Trainees join existing projects or create their own based on areas of interest and/or expertise. There are many resources that can be leveraged to assist in selecting appropriate projects. All core faculty members are engaged in work that could serve as a foundation on which a trainee could build a project. Possible projects are also outlined in each individual practicum curricula.

Using a project proposal template, trainees will identify the project focus, purpose of the project, and personal learning goals. Trainees will also identify a primary project supervisor and a support team, when necessary. Activities, roles and responsibilities associated with completing the project will also be described.

Project Title: [enter text]	
Trainee: [enter text]	
Project Support Team:	
<i>Name</i>	<i>Notes</i>
	Primary Supervisor
<small>may include faculty, co-trainees, or others as appropriate - add as many rows as you need - think about who the stakeholders are</small>	
Primary Affiliation/Location: <small>e.g. CCH, NW, CCHW</small> [enter text]	
Type of Project: <small>e.g. Quality Improvement, Training, Research, Event, System or Process Development, Media Creation, Design, Educational Program</small> [enter text]	
Overview: <small>Describe the subject, project focus, purpose of the project and personal learning goals</small> [enter text]	
Role, Activities & Information: <small>Include: Scope and structure of the project, trainees role (e.g. researcher, teacher, supervisor), where the trainee will be working and what activities they will be doing, key events, administrative info, etc.</small> [enter text]	
Work Products: <small>What work products are anticipated to be created during or as a result of this project? (e.g. raw data, process maps, papers, presentations, paper for submission to journal, etc)</small>	

Other Opportunities

Trainees may also engage in optional activities and opportunities including attending professional conferences and interdisciplinary conferences, and engaging in supplemental training programs with which the program has a relationship.

Sample Calendar

Trainees work with the Program Director to develop a personalized curricular schedule including, 2 half-days of clinic weekly, MPH coursework, Training Program section meetings, committee meetings, mentor and program director check-ins, study time and time for project work.

Below is an example, 2-week calendar for a typical trainee.

MON	TUES	WED	THUR	FRI
Clinic 1 <i>8am - 12pm</i> Project mentor meeting <i>1pm - 2pm</i> Project work <i>2 - 5pm</i>	MPH study time <i>9am - 12pm</i> GMEC Committee <i>12 - 1pm</i> Project Work <i>2 - 5pm</i> MPH Class <i>6 - 9pm</i>	Clinic 2 <i>9am - 12pm</i> MPH study session <i>1 - 2pm</i> Program Director Check In <i>2 - 3pm</i> Project work <i>3 - 6pm</i>	Program Section Meeting <i>8 - 9:30am</i> Project work <i>9:30am - 12pm</i> IPHAM Lecture <i>12 - 1pm</i> Committee meeting <i>2 - 4pm</i> MPH Class <i>6 - 9pm</i>	MPH study time <i>8am - 12pm</i> Project work <i>1 - 5pm</i>
Clinic 1 <i>8am - 12pm</i> Pediatric Resident Lecture <i>1 - 2pm</i> Project work <i>2 - 5pm</i>	MPH study time <i>9am - 12pm</i> Project Work <i>1 - 5pm</i> MPH Class <i>6 - 9pm</i>	Clinic 2 <i>9am - 12pm</i> MPH study session <i>1 - 2pm</i> Project mentor meeting <i>2 - 3pm</i> Project work <i>3 - 6pm</i>	Program Section Meeting <i>8 - 9:30am</i> Project work <i>9:30am - 12pm</i> IPHAM Lecture <i>12 - 1pm</i> MPH Class <i>6 - 9pm</i>	Potential project mentor meeting <i>8 - 9am</i> MPH study time <i>9am - 12pm</i> Project work <i>1 - 5pm</i>

Trainee Assessment

Trainees are given formal assessments every 6 months: three formative assessments at months 6, 12 and 18, and one summative at 24 months.

Before each assessment, the trainee completes a detailed self-assessment in which they rank themselves on milestone competencies, identify areas they are excelling in or need support in, and set goals for the following 6 month period.

At each assessment, the trainee meets with the program director and associate program director(s) to review the trainees work-to-date. The review includes...

- the resident portfolio and CV
- the resident self-assessment
- discussion of ACGME core competencies the trainee is meeting
- discussion of ACGME core competencies the trainee needs development in

REFERENCES

- [1] <https://www.cookcountyil.gov/agency/health-and-hospitals-system>
- [2] <https://www.feinberg.northwestern.edu/sites/ipham/>
- [3] <https://www.feinberg.northwestern.edu/sites/ipham/about/vision-mission-and-values.html>
- [4] <https://www.feinberg.northwestern.edu/about/index.html>
- [5] <https://cookcountypublichealth.org/about/>