



# PRIMARY CARE RESEARCH FELLOWSHIP IN CHILD & ADOLESCENT HEALTH

## GOALS OF THE TRAINING PROGRAM

The Primary Care Research Fellowship is a three-year program offered by Cincinnati Children's Hospital Medical Center and the Department of Pediatrics of the University of Cincinnati College of Medicine. *The goal of our program is to prepare researchers for academic careers* with an emphasis on independent research on primary care topics, with a special focus on prevalent health problems affecting underserved children and adolescents.

The program will emphasize skills relevant to the conduct of research, preparation of grant proposals and publications, and presentation of scientific data. Fellows will devote eighty percent or more of their time to research activities; clinical care will not exceed twenty percent of clinician's efforts. Non-clinicians will devote one-hundred percent of their time to research activities.

## RESEARCH TRAINING AND EDUCATION

Fellows will learn the basic tools of research methodology that are necessary to develop an independent research career in a health care setting. The training program will include coursework, seminars, and a closely mentored research experience. Trainees will complete the requirements for a Masters of Science in Epidemiology or Masters of Science in Clinical Research, unless they enter the program with a related degree. Those with a focus on quality improvement research will also participate in additional rigorous training related to improvement science.

The expectation for each fellow is the completion of two research projects during the three-year program. Typically, these projects will include an original research project and a secondary analysis of existing data. In addition, fellows will be expected to present at a national research conference and to complete two manuscripts, publishable in a peer review journal. Each trainee will receive training in cultural and linguistic competency and the ethical conduct of research. At the close of the training period, fellows will be expected to be competitively positioned to obtain grant funding.

### ***Master of Science in Epidemiology or Clinical Research***

All courses are taught in the School of Medicine at the University of Cincinnati.

*Examples of courses include:*

- Introduction to Epidemiology and Biostatistics
- Study Design and Analysis
- Experimental Design
- Regression Analysis
- Design of Epidemiologic Studies
- Introduction to SAS Programming

A Masters in Medical Education is also available but, for those pursuing this degree, the primary interest must be in rigorous education-related research rather than in clinical education. A Masters in Public Health degree program has recently been established and may become an additional option.

## CLINICAL CARE

Our program's clinical experience provides opportunities for clinician-fellows to learn more about outpatient pediatrics, adolescent medicine, chronic illness, behavioral problems, as well as other subspecialties and conditions. Clinician-fellows will teach medical students and residents in the primary care clinic and hospital setting. Clinician-fellows will spend one-half day each week evaluating pediatric or adolescent patients in a clinic during each year of the fellowship. Clinician-fellows will spend five weeks per year attending inpatients in the Generalist Inpatient Services (GIS), a hospitalist-based program, or in another relevant inpatient service at Cincinnati Children's.

## SETTING

The Primary Care Research Fellowship Program is based at Cincinnati Children's, a 475-bed facility. Cincinnati Children's was recently *ranked as one of the three leading children's hospitals* in the U.S. for research and patient care. Cincinnati Children's is the major medical center for children in the Greater Cincinnati metropolitan area and a principal pediatric referral center.

**Research foci of faculty** involved in the fellowship include:

- ADHD
- adolescent development: puberty biobehavioral health
- asthma
- bone health
- child health policy
- early child development
- environmental health
- gene-environment interaction
- health disparities
- immunizations
- injury
- lactation
- obesity, diet & physical activity
- pediatric screening & preventive services
- qualitative research
- quality improvement & health services research
- sexually transmitted infections

In addition, fellows will benefit from close proximity to other research centers, including those focused on epidemiology and biostatistics, clinical trials, adherence, and clinical effectiveness.

## ELIGIBILITY

The fellowship is open to U.S. citizens who have completed either three years of pediatric residency training or scientists who have completed a Ph.D. in a field related to child or adolescent health. Minorities and women are encouraged to apply.

## SELECTION

Fellows will be selected on the basis of their interest in pursuing a research career in child and/or adolescent health, academic and clinical performance during residency training or graduate school, and perceived potential for leadership in medicine, public health or a related field.

## APPLICATION

To apply to the program, please submit the following information: a two page letter describing your career interests, a curriculum vitae, and 3 letters of reference from senior faculty.

Material should be sent to:

**Robert Kahn, M.D., M.P.H.**

Cincinnati Children's Hospital Medical Center

Mail location 7035, Room S9.222

3333 Burnet Avenue

Cincinnati, Ohio 45229-3039

Tel: (513) 636-4369, Fax: (513) 636-4402

E-mail: [robert.kahn@cchmc.org](mailto:robert.kahn@cchmc.org)

[www.cincinnatichildrens.org/ed/clinical/fellow/gen-peds/](http://www.cincinnatichildrens.org/ed/clinical/fellow/gen-peds/)

## FACULTY

**Bill Brinkman, M.D. M.Ed.**  
General and Community Pediatrics  
*Medical Education, Family/Self Management, ADHD*

**Frank Biro, M.D.**  
Adolescent Medicine  
*Sexually Transmitted Disease, Pubertal Maturation*

**Maria Britto, M.D., M.P.H.**  
Adolescent Medicine  
*Clinical Preventive Services, Chronic Illness*

**Kristen Copeland, M.D.**  
General and Community Pediatrics  
*Child care settings, Diet and Physical Activity*

**Thomas DeWitt, M.D.**  
Director, General and Community Pediatrics  
*Faculty Development, Pediatric Network Research*

**Kim Dietrich, Ph.D.**  
Department of Environmental Health  
*Environmental Neurotoxins, Behavioral Problems*

**Lorah Dorn, Ph.D.**  
Director of Research, Adolescent Medicine  
*Impact of Puberty on Health & Development, Psychopathology*

**Gerry Fairbrother, Ph.D.**  
Child Policy Research Center  
*Access to Care, Immunization Policy*

**Jill Huppert, M.D., M.P.H.**  
Adolescent Medicine  
*Sexually Transmitted Diseases*

**Jessica Kahn, M.D., M.P.H.**  
Adolescent Medicine  
*HPV/Cervical Cancer Prevention, Adolescent Vaccination*

**Robert Kahn, M.D., M.P.H.**  
General and Community Pediatrics  
*Health Disparities, Gene-Environment Interaction*

**Heidi Kalkwarf, Ph.D.**  
General and Community Pediatrics  
*Nutritional Epidemiology, Bone Health*

**Grace Lemasters, Ph.D.**  
Epidemiology, University of Cincinnati  
*Toxicology, Asthma and Pollutants*

**Stephen Muething, M.D.**  
General and Community Pediatrics  
*Safety, Health Care Quality*

**Peter Margolis, M.D., Ph.D.**  
Center for Health Care Quality  
*Quality Improvement, Clinical Epidemiology, Preventive Care*

**Ardythe Morrow, Ph.D.**  
Neonatology, Center for Epidemiology & Biostatistics  
*Human Milk, Molecular Epidemiology*

**Lisa Simpson, M.B., B.Ch., M.P.H.**  
Child Policy Research Center  
*Access to Care, Obesity, Safety*



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