

The Mission

The Primary Care Research Fellowships at the University of Colorado Denver Anschutz Medical Campus (UC Denver AMC) are a fully collaborative and integrated effort between the Department of Family Medicine, the Division of General Academic Pediatrics in the Department of Pediatrics, and the Division of General Internal Medicine in the Department of Medicine. The purpose of these Fellowships is to provide a rigorous two to three-year research training program to primary care physicians to enable them to be academically successful clinician-researchers.

Program Overview

There are two research fellowships in primary care. The National Research Service Award (**NRSA Fellowship**) provides 80% research time and includes an MS in Public Health from the Department of Preventive Medicine and Biometrics (DPMB). NRSA fellows devote 20% time to primary care clinical duties or may opt to teach in an academic ambulatory setting. The **HRSA Faculty Development Fellowship** is available to clinicians with an interest in an academic faculty career and provides 60% protected time for research. This program includes completion of a Certificate in Public Health from the DPMB. Faculty Development fellows generally maintain 40% clinical responsibilities as directed by their primary care department.

In addition to the traditional curriculum provided by the public health coursework, all fellows participate in an innovative academic development curriculum that includes mini-courses in critical appraisal of the literature, use of secondary databases in research, medical writing, grant writing, cultural competency, and academic teaching. There are also web-based courses in cost analysis and in the use of public health data for community health assessment. A focal point of the Primary Care Research Fellowships is the weekly "work in progress" meeting. These meetings are research seminars for program faculty during which trainee work is presented and critiqued. All fellows are expected to complete at least two independent research projects of publishable quality, usually one involving a secondary data analysis and one involving primary data collection.

Faculty and Mentorship

One of the greatest strengths of the Primary Care Research Fellowships is the number and quality of primary care mentors at our institution. Because of the collaborative design of the training programs, fellows benefit from a large pool of mentors with a common focus in primary care research. The fellowships put major emphasis on building and maintaining strong mentoring relationships between fellows and faculty to assure programmatic supervision, development of research skills in a chosen content area and appropriate career development.

Primary Care Fellowships Director:

Allison Kempe, MD, MPH is a Professor in the Division of General Pediatrics with a secondary appointment in the Department of Preventive Medicine and Biometrics at UC Denver AMC. She is the Director of Research for the Division of General Academic Pediatrics, an Associate Director of the HRSA-funded Primary Care Research Unit and Director of the Children's Outcomes Research Program. Her research interests include immunization delivery, access to care for hard-to-reach populations, evaluation of the state child health plan initiative, and patient care using telephone and e-mail technologies.

Co-Directors:

Lori A. Crane, PhD, MPH is an Associate Professor of Preventive Medicine at UC Denver AMC where she teaches courses in program evaluation, questionnaire design, and the social/behavioral influences on health. Her current research includes studies on skin cancer prevention, informed decision-making in health care, and vaccine delivery. Her major area of interest is the delivery of disease prevention education through primary care.

Arthur Davidson, MD, MSPH is an Associate Professor of Preventive Medicine and Biometrics at the UC Denver AMC, a family physician, and an epidemiologist in the Denver Public Health Department. Within the Health Department, as Director of Public Health Informatics, he oversees the design, implementation and evaluation of information systems. As Director of the Denver Center for Public Health Preparedness, he oversees **preparedness activities** and efforts to use information systems to enhance our capacity to respond

to emergencies and threats at local and state levels. His major research interest is the improvement of health care delivery through the use of information systems.

Jean Kutner, MD, MSPH is an Associate Professor and Division Head of General Internal Medicine at UC Denver AMC. She currently is actively involved with clinical, research and teaching activities related to hospice and palliative care, specifically relative to symptom distress and quality of life. She has developed and directs the Population-based Palliative Care Research Network (PoPCRN), a national practice-based research network focused on hospice and palliative care. She is the recipient of a Robert Wood Johnson Generalist Physician Faculty Scholars Award, a Paul Beeson Physician Faculty Scholars in Aging Research award, and a R01 from the National Center for Complementary and Alternative Medicine and an R21 from the National Cancer Institute.

Resources and Community Linkages

Research Infrastructure

- The Colorado Health Outcomes Program (COHO) provides education and expertise to outcomes researchers throughout the University
- The Children's Outcomes Research Program (COR) provides expertise and support in the conduct of health outcomes research by Pediatric faculty.
- The Primary Care Research Unit (PCRU) fosters interdisciplinary research between the three primary care disciplines. The PCRU has established a secondary database analysis unit, staffed by experienced data analysts, to assist fellows and faculty members in conducting primary care research.

Practice-based Research Networks and Community Sites

- The Department of Family Medicine has established two unique practice-based research networks. The Colorado Research Network (CaReNet) focuses on urban disadvantaged and ethnic minority populations. The High Plains Research Network (HPRN) focuses on rural and frontier communities and populations.
- One of the most important interdepartmental research “laboratories” for the fellowships is Denver Community Health Services (DCHS), which provides outpatient, inpatient, emergency, and public health services to all Denver citizens with special emphasis on the medically indigent and underinsured.

Denver and Surrounding Area

The Denver metropolitan area is located where east meets west – at the juncture of the Rocky Mountains and the eastern plains. Denver itself lies in the foothills of the Rockies and boasts an average of 250 sunny days a year with a mild, dry climate. Just a short drive from some of the country's best ski resorts, Denver is also close to great camping and fishing. The two words that best describe the area are “active” and “outdoors” with over 300 parks in the metro area, numerous bike paths connecting Denver to outlying communities, and a pedestrian-friendly downtown.



Denver enjoys a diverse cultural community centered on the Denver Center for the Performing Arts, which houses the Colorado Symphony Orchestra, the Colorado Ballet, the Denver Center Theatre Company, and Opera Colorado. Museums and other attractions abound, from the educational to the just plain fun – including the Denver Zoo, the Denver Museum of Nature and Science, and Six

Flags Elitch Gardens. Denver hosts five national sports teams: the Broncos, the Rockies, the Nuggets, the Avalanche, and the Rapids.

Application

To apply for either fellowship program, please send a cover letter indicating interest, your *curriculum vitae*, a statement of your goals for the fellowship, and three letters of recommendation to:

Allison Kempe, MD, MPH
University of Colorado Denver
Primary Care Research Fellowships
MS F-443
12477 E. 19th Ave,
Aurora, CO 80045

Applicants for the NRSA Primary Care Research Fellowship must be a citizen or non-citizen national of the United States or must be lawfully admitted for permanent residence (i.e., in possession of a currently valid Alien Registration Receipt Card I-551, or some other legal verification of such status). Non-citizen nationals are generally persons born in outlying possessions of the U.S. (e.g., American Samoa, Swains Island). Individuals on temporary or student visas are not eligible.

Applicants for the HRSA Faculty Development Primary Care Research Fellowship must intend to pursue a faculty appointment in a primary care discipline.

The fellowships do not adhere to a match date. Therefore, interviews are scheduled at the convenience of the applicant and of the admissions committee. Fellows admitted into the program begin on July 1. There is no official deadline for application, though generally positions are offered six months prior to the start of the fellowship year.

The University of Colorado Denver does not discriminate on the basis of race, color, religion, sex, age, national origin, handicap or veteran status in the provision of services or employment.

The University of Colorado Denver is committed to equal opportunity and affirmative action.



Primary Care Research Fellowships
University of Colorado Denver Anschutz Medical Campus
National Research Service Award Fellowship
HRSA Faculty Development Fellowship