



**CAIRIBU
Annual Meeting**

**Urological Epidemiology
(KUroEpi) Institutional Research
Career Development Program
Summaries**



CAIRIBU Urological Epidemiology (KUroEpi) Institutional Research Career Development Programs (K12)

University of California San Francisco - Kaiser Permanente

2016-2026 – Co-PIs, Alison Huang, MD and Stephen Van Den Eeden, PhD

UCSF-Kaiser Urological Epidemiology Research Career Development Program

PROJECT SUMMARY. The University of California San Francisco-Kaiser Permanente Northern California Urological Epidemiology (UCSF-KPNC UroEpi) K12 Program provides rigorous training, multidisciplinary mentoring, and career support to junior faculty developing high-impact epidemiological research programs in non-malignant urological conditions. Our institutions will continue to collaborate successfully to provide faculty with the mentoring, skills, and experience they need to achieve success as epidemiologic investigators. Scholars will continue to be based at UCSF and the KPNC Division of Research, both with robust scientific infrastructures, where they will be able to access an unparalleled set of data resources, including data from the entire KPNC patient population. The history of collaboration between our institutions and Program Directors will perpetuate our superb track record of developing future leaders in urological epidemiology.



Training and Pipeline: This highly structured program includes comprehensive mentoring, rigorous didactic training, career development activities, and hands-on research. Each Scholar benefits from an individually-tailored, multidisciplinary training program, with available programs including a certificate program, masters or PhD degree program in research methods and/or epidemiology, mentored work-in-progress and career development seminar series, and diverse specialized courses. We have also identified over a dozen Research Program Areas in non-malignant urology that leverage the UCSF-KPNC environments' diversity, direct access to real-life clinicians and patients, and mentors' methodological and content area strengths. With UCSF's diverse array of training programs, including multiple earlier-stage research training programs directed at the resident and postgraduate fellow level, we have an excellent pipeline of future, diverse K12 scholar candidates. Program



Progress: Since this program was launched less than four years ago, it has already been successful in identifying exceptional Scholars from diverse backgrounds and guiding them to success in epidemiology research. Our past and current UCSF Scholars have not only been productive in publications and research accolades, but have also competed successfully for NIH funding. Along with our recently appointed and pending Scholars, they also contribute to diverse perspectives in urological epidemiology research. **Innovation and Impact:** This program's innovative pairing of a top tier academic center with a learning and integrated health care system represents an excellent investment of NIDDK resources to catalyze the growth of urological epidemiology research in a uniquely fertile environment. We will continue to build upon our long history of collaborative, multidisciplinary research that complements

other large projects supported by NIDDK, such as O'Brien, MAPP, and LURN Centers. Thus, our environment enables our UroEpi Scholars and their mentors to make unique research discoveries with important implications for clinical practice and public health.



CAIRIBU Urological Epidemiology (KUroEpi) Institutional Research Career Development Programs (K12)

University of Michigan

2016-2023 – Co-PIs, Aruna Sarma, PhD and Quentin Clemens, MD

University of Michigan UroEpi Career Development Program

PROJECT SUMMARY. This is an administrative supplement to the University of Michigan Urological Epidemiology (UroEPI) Institutional Research Career Development Program (K12) to support the appointment of two additional K12 scholars. The parent K12 program inspires and provides junior investigators/scholars with the necessary technical skills so that he/she can initiate and sustain an independent research program in the study of the epidemiology of benign urological conditions and embrace the interdisciplinarity of our institution. Since the program start in 2016, three scholars have successfully completed the program and progressed to launching their independent careers with notable achievements in publications and grant funding.



The UroEPI K12 consists of two principal components: 1) one year of didactic course work with concentrations in epidemiology and biostatistics; and 2) one-two years of applied experience in the conception, execution, and dissemination of a well-designed research project. Guided by their faculty mentor, scholars will be instructed in the philosophy, ethics and theory behind epidemiological research, as well as methodological techniques derived from a broad array of clinical, public health and social sciences. The Director and Co-Director will undertake administration of this program while progress will be monitored continuously by mentors, and biannually by the Mentor Steering Committee (MSC). Scholars will be expected to present their work to the MSC as well as at national scientific conferences.

By the end of the training program, scholars will have completed both the requirements for an advanced research degree and a mentored research project, including publication of their findings in the peer-reviewed literature. Graduates of this training program will be well positioned to establish a longitudinal research agenda and to pursue an independent research career in academic Urology with a focus on the epidemiology of benign urological conditions. Encouraging and facilitating the development of academic careers of minority trainees and faculty is an essential mission of the University of Michigan Medical School and the Department of Urology. The Office of Health Equity and Inclusion has a goal of recruiting, retaining, and promoting career development of outstanding faculty, staff, house officers, and students from underrepresented and diverse backgrounds. The UM UroEPI K12 program takes advantage of the resources of the Office of Health Equity and Inclusion in attempting to attract minority candidates for both faculty and fellowship positions. In our continued and enhanced efforts to recruit underrepresented minorities, we have identified two promising applicants. This administrative supplement will support the appointment of these two additional K12 scholars and would help address the underrepresentation of minorities as well as the disabled in urological science and quality initiatives.