

Craniofacial and Oral Health Online (COHO) Summer Institute in Clinical Research Methods



Coming Soon Fall of 2023

Seattle Children's Craniofacial Center and the University Of Washington will offer an 8-week online research training institute for dental and craniofacial providers and dentists from around the world.

This interactive online institute will cover one topic per week with eight modules in total. The program is designed to offer an introduction to research methods for dental and craniofacial faculty who are early career researchers who many not have exposure to the principles of clinical research during their training. It aims to train individuals who work in academic settings, public health institutions, and other settings where research can be conducted with review and approval by a human ethics committee.



Modules

1. Planning a Research Project
2. Randomized Clinical Trials & Cohort Studies
3. Case series, Cross Sectional and Case Control Studies
4. Ethical Committees: What, When, Why and How
5. Behavioral and Survey Research
6. Statistical Analyses
7. Interpreting Biomedical Evidence
8. Presenting your findings

Lecturer

Christy McKinney, PhD, MPH

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Katie Porter, JD

Joana Cunha-Cruz, DDS, PhD

Frankline Onchiri, PhD

Philippe Hujoel, DDS, MSD, MS, PhD

Christy McKinney, PhD, MPH

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Craniofacial Center

UNIVERSITY of
WASHINGTON

Program Details

Application. Applicants should send the following to cohoinstitute@seattlechildrens.org: (1) A letter of interest explaining why the program is of interest, how it would benefit them, and stating if they are a Smile Train partner, and (2) their curriculum vitae. Applications will begin being accepted when specific fall dates have been set. A limited number of participants will be accepted.

Fees. Tuition is \$1000. The cost of the program for Smile Train partners is paid for by Smile Train.

Participation. A commitment to take part in the entire program (and not just certain topics) is required. The program is estimated to take 4-6 hours of time per week. One module topic will be covered each week. Each module will include activities such as short, prerecorded video lectures, applied assignments, quizzes, interactive chat with instructors, and live office hours. In addition, there will be weekly live interactive sessions for 75 minutes, once per week on Tuesdays from 6:00am-7:15am Pacific Standard Time (PST) during the program. Those who participate in all 8 modules will receive a Certificate of Completion.

Program Faculty

Christy McKinney, PhD, MPH. Dr. McKinney is the Program Director and Principal Investigator at Seattle Children's Research Institute. She is an Associate Professor in Craniofacial Medicine, Pediatrics and Adjunct Associate Professor in Oral Health Sciences at the University of Washington. Christy is an epidemiologist and her research interests are focused on nutrition and environmental exposures that affect oral health, early feeding, and dental and craniofacial conditions. She has over 15 years of clinical and translational research experience in many settings including the USA, Thailand, Ghana, and India.

Joana Cunha-Cruz, DDS, MPH, PhD. Dr. Cunha-Cruz is a Professor in the Department of Clinical and Community Sciences in the School of Dentistry at the University of Alabama at Birmingham. Joana uses oral epidemiology, behavioral and implementation sciences, and evidence-based practice methods to understand and improve dental practice and systems for better health and health equity.

Kelly Evans, MD. Dr. Evans is an attending physician at Seattle Children's Hospital and an Associate Professor in the Department of Pediatrics at the University of Washington School of Medicine. Kelly's research investigates sleep and breathing in children born with craniofacial conditions, with the goal of improving outcomes in patients with conditions that affect airway function. Her current research focuses on children born with micrognathia, glossoptosis and cleft palate, also known as Robin Sequence.

Carrie Heike, MD, MS. Dr. Heike is an attending physician at Seattle Children's Hospital and Professor in the Department of Pediatrics at the University of Washington School of Medicine. Her research focuses on answering clinic and patient-oriented research questions related to craniofacial microsomia, cleft lip and palate, and craniosynostosis. Her work focuses on multidisciplinary collaboratives to develop new evaluations tools and to assess treatment outcomes for children with craniofacial conditions.

Philippe Hujoel, DDS, MSD, MS, PhD. Dr. Hujoel is a Professor of Oral Health Sciences in the University of Washington School of Dentistry. Philippe's research interests focus on evidence-based medicine and the application of statistical methods to dental research. Part of his research explores why professional organizations of clinical specialists endorse nutritional guidelines which are opposite of a preponderance of evidence.

Sara Kinter, PhD, CCC-SLP. Dr. Kinter is an Acting Assistant Professor at in the Dept of Pediatrics, Division of Craniofacial Medicine at the University of Washington. She is also the lead speech-language pathologist with the Craniofacial Center at Seattle Children's Hospital. She has over 15 years' experience in the evaluation and management of speech and resonance disorders related to cleft palate/lip and other craniofacial conditions. Sara's research applies epidemiologic principles to improve our understanding of the association between anatomical structure and speech function with specific interest in speech/resonance changes following surgical interventions.

Frankline Onchiri, PhD. Dr. Onchiri is a UW-trained biostatistician based at Seattle Children's Research Institute and the University of Washington Institute of Translational Health Sciences. He is a former NIH Fogarty International Clinical Research Scholar, whose work involved applying biostatistical methods to clinical research in Kenya. Frankline is the lead statistical analyst for a wide range of translational, interdisciplinary pediatric clinical research studies in the USA, Kenya and beyond. He oversees biostatistics operations at Seattle Children's Biostatistics Epidemiology and Analytics for Research (BEAR) Core.

Kathryn (Katie) Porter, JD, MPH is a Research Scientist at the Treuman Katz Center for Pediatric Bioethics at Seattle Children's Research Institute. She also serves as Director of the Research Bioethics Consultation Service at the University of Washington's Institute of Translational Health Sciences and is a member of the IRB at Seattle Children's Research Institute. Katie's interests include research ethics and improvement of the informed consent process.