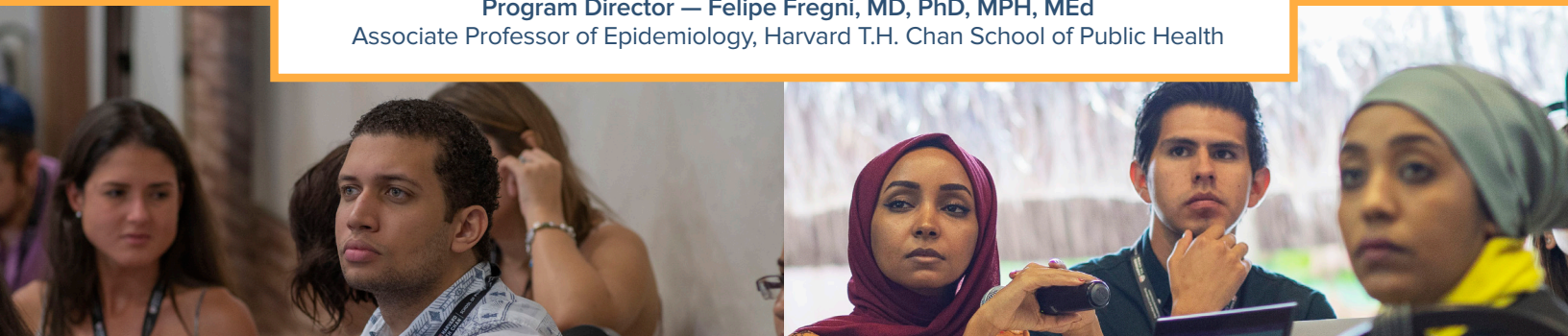


PRINCIPLES AND PRACTICE OF CLINICAL RESEARCH

INTERNATIONAL DISTANCE-LEARNING CLINICAL RESEARCH TRAINING PROGRAM

MARCH 26 – NOVEMBER 7, 2020

Program Director — Felipe Fregni, MD, PhD, MPH, MEd
Associate Professor of Epidemiology, Harvard T.H. Chan School of Public Health



This collaborative, interactive distance-learning program in Clinical Research attracts participants from across the globe, from the U.S. to Brazil to Germany to Japan. The program is designed both for individuals who wish to gain basic and advanced training in clinical trials before moving into the field, and for those who have experience in this area and aim to expand their role in designing, managing, analyzing, and reporting the findings of clinical trials.

MAIN PROGRAM OVERVIEW

MODULE 1: Introduction to Clinical Trials, Selection of the Questions, Study Population, Basic Study Design, Integrity in Research, The Randomization Process, Study Blinding.

MODULE 2: Basics of Statistics, Statistical Tests I, II and III, Sample Size Calculation. You will perform statistical analysis in Stata software.

MODULE 3: Survival Analysis, Missing Data and Covariate Adjustment, Meta-analysis and Subgroup Analysis, Introduction to Regression Modeling.

MODULE 4: Safety, Clinical, and Surrogate Outcomes, Recruitment of Study Participants and Participant Adherence, Clinical Research in the Context of Individualized Medicine (N-of-1 Designs), The Business of Clinical Research, Effective Communication in Clinical Research.

MODULE 5: Non-inferiority Designs, Adaptive Designs, Interim Analysis, Phase III and Multicenter Trials, Observational Studies, Confounders in Observational Studies, Using the Method of Propensity Score, RCT vs. Observational Designs – How to Choose.

PROGRAM DATES:

- **8-MONTH DISTANCE LEARNING MAIN PROGRAM:** MARCH 26 – NOVEMBER 7, 2020
- **5-DAY IMMERSION COURSE:** OCTOBER 20 – 24, 2020
- **OPTIONAL 3-DAY ADVANCED STATISTICAL WORKSHOP:** JULY 27 – 29, 2020
- **OPTIONAL RESEARCH MANUSCRIPT WRITING WORKSHOP:** JULY 30 – 31, 2020

**Dates are subject to change*

PROGRAM FORMAT

This program blends live and online interaction via the web and on-site centers. Participants attend weekly three-hour interactive videoconference sessions, which are broadcast live from Boston to centers around the world. Participants may enroll either as part of a site center or individually, if they do not have access to a site center.

LEARN MORE AT [HSPH.ME/PPCR](https://www.hsph.harvard.edu/ppcr)



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APPLICATION AND PROGRAM ADMISSION

Registration is limited. Please submit the following documents online at www.ppcr.org/registration: Curriculum Vitae, letter of intent stating the reason for participating in the program, letter of recommendation and a professional picture. Applications are due by December 31, 2019. Late applications will be considered on a case-by-case basis.

INTERNATIONAL SITES

We have more than 45 sites across the globe that broadcast the PPCR Main Program lectures live each week in the following countries:



ABOUT HARVARD. T.H. CHAN SCHOOL OF PUBLIC HEALTH EXECUTIVE AND CONTINUING EXECUTIVE EDUCATION

We prepare individuals and organizations to solve the most pressing global public health and health care challenges. Leaders in government, corporate, and nonprofit sectors around the world attend our programs, which provide strategies for addressing the critical issues facing their organizations with proven tactics that drive change.

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