

**From:** [Blanco, Rochelle Hartwig](#)  
**Subject:** CAPS/PRC Town Hall presents: Data Analysis Considerations for Studies Spanning the Pre: Part 3 in an ImS Panel Series on Adapting HIV and Other Interventions to Distance Models and Interruptions in times of COVID-19: -- Tues., 11/17, 11a-12:30p, on Zoom  
**Date:** Monday, November 9, 2020 4:51:03 PM  
**Attachments:** [image002.png](#)  
[image006.png](#)

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**CAPS/PRC Town Hall presents:**

## **Data Analysis Considerations for Studies Spanning the Pre-COVID and During-COVID Eras**

**This session is Part 3 in a 4-Part Implementation Science Series on Adapting HIV and Other Interventions to Distance Models and Interruptions in times of COVID-19.**

Hosted by the Interventions and Implementation-Science (I&I) Core, and Co-Sponsored by the Methods Core, UCSF Center for AIDS Prevention Studies  
Co-sponsored by the UCSF CFAR Implementation Science Working Group, UCSF Department of Epidemiology & Biostatistics Implementation Science Program and PRISE Center



**Tuesday, Nov. 17th, 2020**

**11am – 12:30pm**

**[Zoom Meeting Registration](#)**

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### **Panelists: Tor Neilands, PhD, Steve Gregorich, PhD, and Charles McCulloch, PhD**

#### **Data Analysis Considerations for Studies Spanning the Pre-COVID and**

**During-COVID Eras:** This panel will focus on research methods for moving platforms, and mid-study moves to digital implementation.

Topics discussed will include: dealing with interruptions in behavioral trials with longitudinal collection of quantitative data, including biomarkers; changes in data collection / analytic techniques; analytic issues associated with technology; consideration of alternative research questions and corresponding modeling approaches; addressing analytical issues about study completion and exposure.

**Dr. Torsten Neilands** is a Professor at the UCSF Center for AIDS Prevention Studies (CAPS) in the Department of Medicine at UCSF and directs the Center's Methods Core. Originally trained as a social psychologist, Dr. Neilands has participated as statistical co-investigator or consultant on over 60 NIH, CDC, and state projects in the areas of HIV prevention, reproductive health, and tobacco prevention. His methodological areas of interest are multivariate statistical models with a special interest in latent variable models for survey scale development and validation, and mixed effects (i.e., multilevel; HLM) models for clustered and longitudinal data, including dyadic data. His substantive interests include training the next generation of HIV-prevention prevention researchers working in U.S. minority communities.

**Dr. Steven Gregorich** is a Professor and statistician in the UCSF Department of Medicine. His research focuses on preventive health behaviors in diverse populations via clinic- and community-based randomized trials, quasi-experiments, and longitudinal observation studies. He has been investigator, principal statistician, and/or statistical/methodological mentor of over 80, largely federally funded, centers, projects, and career development awards.

**Dr. Charles McCulloch** is Professor and Head of the Division of Biostatistics at UCSF and Vice Chair of the Department of Epidemiology and Biostatistics. He has expertise in the development and use of statistical methods for longitudinal data analysis, mixed models and latent class models. Dr. McCulloch is the co-author of the Wiley texts Variance Components and Generalized, Linear, and Mixed Models (now in its second edition), the Springer text Regression Methods in Biostatistics (now in its second edition) and the author of the Institute of Mathematical Statistics monograph, Generalized Linear Mixed Models.



**Rochelle Blanco**

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(pronouns: she/her/hers) : <https://lgbt.ucsf.edu/pronounsmatter>

Division of Prevention Science | University of California, San Francisco

Center for AIDS Prevention Studies (CAPS) | UCSF Prevention Research Center

<http://prevention.ucsf.edu>

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