Dear CAPS Methods Core seminar participants and interested others,

The CAPS Methods Core has registered for a webinar on the topic listed above, with full details below. **We have reserved MH-2103 for the live streaming of the seminar. This allows for participation of about 60 attendees.**

If you are interested in attending, please RSVP directly to me by replying to this email.

Also, please let me know if you would need to be put on the building security list. (You will only need to be put on the list if you want to use the elevator, rather than the stairs.)

Below is the webinar information:

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Title: **Small Data, N-of-1 Trials, and Personalized Medicine**
Presenters: **Naihua Duan (Columbia University) and Richard Kravitz (UC Davis)**
Date and Time: **Tuesday, December 5, 2017, 12:00 p.m. – 2:00 p.m. Eastern time [9:00 a.m. – 11:00 a.m. Pacific time]**
Sponsor: **Mental Health Statistics Section**

Description:
Advances in biomedical science have led to rapid replacement of "one size fits all" therapeutic strategies by a more individualized approach. While big data analytics have been deployed extensively in recent years for applications in personalized medicine, small data studies such as N-of-1 trials have the potential to further advance the methodological underpinnings of personalized medicine.

In this webinar, we will discuss the conceptual framework for small data studies, and the design and implementation of N-of-1 trials – multiple cross-over trials within individual patients to inform each individual's own clinical or lifestyle decision-making. Broad applications of small data studies, including N-of-1 trials, have become feasible in recent years with advances in personal communication and information technologies. It is timely for the biostatistics community to begin to serve the needs of savvy consumers wanting to take an active role in enhancing their own health, as demonstrated in the extensive practice of self-tracking and self-experimentation among members of QuantifiedSelf.com.

This is an emerging area in which biostatisticians can help transform health care delivery by supplementing the traditional "top down" organization of knowledge production and deployment with a new "bottom up" paradigm, in which biostatistical methods are applied directly in day-to-day clinical care and lifestyle decisions for individual patients. This new paradigm may in turn expand the constituency for biostatistics, empowering and engaging the lay population to participate actively and directly in the practice of creating and harvesting small data using personalized biostatistics tools and apps.

Each registration is allowed one web connection. Sound is received via audio streaming from your computer's speakers. Multiple persons are encouraged to view each registered connection (for example, by projecting the webinar in a conference room).

For additional details and to register, go to http://www.amstat.org/education/weblectures/index.cfm.

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Registration Fees: NO COST IS INVOLVED FOR INDIVIDUAL CAPS METHODS CORE ATTENDEES.

No direct registration with ASA is needed. There is no fee involved for individual Methods Core attendees. (Methods Core is the official registrant.)

Hope to see many of you on December 5,
--Estie

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