Dear Methods Core seminar participants,

The rescheduled CAPS Methods Core seminar with John Boscardin, PhD will take place THIS WEEK.

The postponed seminar from today has been rescheduled. The new date is **Thursday 11/7/13**.
Please remember to RSVP to *Estie Hudes* .

Topic: **Optimism of Best Subset Selection by AIC/BIC for Prognostic Model Building**

Presenter: John Boscardin, PhD
               Professor of Medicine and Epidemiology & Biostatistics, UCSF

Time & Place: **Thursday, November 7**, 10-11:30
                 McKusick Conference room
                 50 Beale Street, 13th floor
                 San Francisco, CA 94105

Abstract: In medical research, it is important to develop and validate accurate prognostic models whose predictive accuracy will not degrade when applied in external data sources. While the most common method of validation is split sample, alternative methods such as cross-validation and bootstrapping have some significant advantages. We present work based on Harrell's bootstrapped optimism for both stepwise and best subset (by AIC or BIC) variable selection methods. In addition, we discuss the advantages of using Best Subsets regression for model selection instead of stepwise procedures. We have developed SAS macros to implement these procedures. This is joint work with Yinghui Miao, Irena Cenzer, and Kate Kirby.

Short bio: John Boscardin, Ph.D. is a biostatistician with a joint appointment as Professor of Medicine and Epidemiology & Biostatistics. He is the Director of the Statistical Analysis Core for the UCSF Pepper Center and for SFVAMC Health Services Research where he oversees a number of Master's and PhD level statisticians. Dr. Boscardin received his Ph.D. in Statistics in 1996 from the University of California, Berkeley. His areas of methodological expertise include analysis of longitudinal and repeated measures data, treatment of missing data, Bayesian statistical modeling, and computational statistics.

Hope to see many of you at one or both of these presentations,
--Estie

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