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Dear Biostatistician Community,

Please join us for a workshop sponsored by ASA.

Title: [\*\*Adaptive Enrichment Trial Designs: Statistical Methods, Trial Optimization Software, and Case Studies\*\*](#)

Presenters: **Michael Rosenblum**

Date and Time: **Tuesday, May 15, 2018, 12:00 p.m. – 1:30 p.m. EST**

Webinar location: **Bloomberg School of Public Health, 3<sup>rd</sup> Floor, Room W3008**

**Description:**

This webinar focuses on adaptive enrichment designs, that is, designs with preplanned rules for modifying enrollment criteria based on data accrued in an ongoing trial. For example, enrollment of a subpopulation where there is sufficient evidence of treatment efficacy, futility, or harm could be stopped, while enrollment for the complementary subpopulation is continued. Such designs may be useful when it's suspected that a subpopulation may benefit more than the overall population. The subpopulation could be defined by a risk score or biomarker measured at baseline. Adaptive enrichment designs have potential to provide stronger evidence than standard designs about treatment benefits for the subpopulation, its complement, and the combined population. We present new statistical methods for adaptive enrichment designs, simulation-based case studies in Stroke and Heart Disease, and open-source adaptive design optimization software. The tradeoffs involved in using adaptive enrichment designs, compared to standard designs, will be presented. Our software searches over hundreds of candidate adaptive designs with the aim of finding one that satisfies the user's requirements for power and Type I error at the minimum sample size, which is then compared to simpler designs in terms of sample size, duration,

power, Type I error, and bias in an automatically generated report.

Registration is limited.

**Please use the link above or below to *RSVP by: Monday, May 14, 2018, at 12:00 p.m. EST***

Please do let me know if you have any questions or concerns.

Kindly,

Nita

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*Nita James*

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"There are two kinds of people; those who do the work and those who take the credit. Try to be in the first group; there is less competition there." -Indira Gandhi



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