

Workshop Program

<http://niss.org/events/difficulties-observational-medical-studies>

## Reading materials

1. Alan Brookhart, UNC - **Basics of Observational Studies** (2:00 – 5:00)

Intro lecture on epi from the web.

<http://ocw.jhsph.edu/courses/FundEpi/PDFs/Lecture1.pdf>

Judith SCHWARTZBAUM. (2003) Book Review of *ActiveEpi*. DavidG.KLEINBAUM, KevinM. SULLIVAN, and NancyD. BARKER. New York : Springer, 2003 *The American Statistician*, November 2004, Vol. 58, No. 4

<http://www.sph.emory.edu/activeepi/review/schwartzbaum.htm>

2. Stan Young Introduction

[http://www.niss.org/sites/default/files/Young\\_CER%202010%20V05.pdf](http://www.niss.org/sites/default/files/Young_CER%202010%20V05.pdf)

3. Robert Obenchain, Risk Benefit Statistics

[http://www.samsi.info/sites/default/files/Bob\\_Obenchain\\_PPP\\_10-23-07.ppt](http://www.samsi.info/sites/default/files/Bob_Obenchain_PPP_10-23-07.ppt)

4. Sujit Ghosh, N.C. State University – **Meta analysis and multiple testing**

5. Allen Heller, Bayer HealthCare – **Aprotinin/Trasylol**

Mangano, DT, Tudor, IC, Dietzel, C. The Risk Associated with Aprotinin in Cardiac Surgery. *NEJM* 2006;354:353-365.

<http://www.ottawa-anesthesia.org/journalclub/Mangano.pdf>

6. Adam Polis, Merck - **Cancer Risk—Does ezetimibe or ezetimibe/simvastatin increase it?**

Peto et al. *NEJM* 2008; 359: 1357-66

<http://www.nejm.org/doi/pdf/10.1056/NEJMsa0806603>

7. Timothy Vaughan, PatientsLikeMe – **Lithium and ALS**

Wicks P, Vaughan TE, Massagli M, Heywood J. (2011) Accelerated clinical discovery using self-reported patient data collected online and a patient-matching algorithm *Nature Biotechnology* 29, 411–414.

## Papers on making data available.

Banks, D. (2011) Reproducible Research: A Range of Response. *Statistics, Politics, and Policy*. 2(1) Article 4. <http://www.bepress.com/spp/vol2/iss1/4>

Peng, R. (2009). "Reproducible Research and Biostatistics (with discussion)," *Biostatistics*, 10, 405–408. [http://biostatistics.oxfordjournals.org/\\_/cgi/reprint/10/3/405](http://biostatistics.oxfordjournals.org/_/cgi/reprint/10/3/405)