IEA SPEAKER LITERATURE

NAME	SESSION	RECOMMEDED LITERATURE
Sander Greenland	Overview of Advances in Epidemiologic Methods in the Last Two Decades	International Journal of Epidemiology 2006;35:765–775 Clinical Trials 2008; 5: 5-8 International Journal of Epidemiology 2000;29:158–167 Modern Epidemiology, 3rd edition, Chapters 12 and 18-21
Dr. Albert Hofman	Dilemmas and Conundrums from Epidemiologic Research: Have We Learned the Lessons?	1) Oeppen J, Vaupel JW. Broken limits to life expectancy. Science 2002;296: 1029-3 1 2)Peto R, Doll R. There is no such thing as aging. BMJ 1997;3 15: 1030-2
Dr. Raj S. Bhopal	Dilemmas and Conundrums from Epidemiologic Research: Have We Learned the Lessons? **&** Response Rates in Epidemiologic Studies - Panel Discussion	Bhopal R S. Concepts of Epidemiology. Oxford, Oxford University Press, 2002, pp 317. http://www.oup.com/uk/catalogue/?ci=9780192631558 (expected second edition publication date: September 2008)
Dr. Debbie Lawlor	Mendelian Randomization	Lawlor DA, Harbord RM, Sterne JAC, Timpson NJ, Davey Smith G. Mendelian Randomization and Instrumental Variables. Statistics in Medicine 2008;27:1133-1163 (doi 10.1002/sim.3034)

Dr. Shah Ebrahim	Mendelian Randomization	
Dr. Norman Breslow	Use of the Whole Cohort in the Analysis of Data from Two Phase Stratified Case-Control and Case-Cohort Studies	A more technical paper by Borgan and colleagues from Lifetime Data Analysis (2000) that describes the standard Horwitz-Thompson approach to analysis of stratified case-cohort studies. I think this is likely to be beyond the comprehension of most attendees. A major purpose of my presentation is to introduce the attendees to the availability of the R survey package developed by my colleague and co-author Thomas Lumley, and how it may be applied to case-control and case-cohort studies. Participants can access this package and some useful background materials themselves via the Comprehensive R Archive Network (CRAN) as follows: 1) Navigate to the R Project home page: http//www.r-project.org/ 2) Select a nearby CRAN mirrow site (these are listed by country) 3) From the CRAN site select "Packages" under "Software" 4) Click on "S" and then on "survey" 5) Download the Reference manual "survey.pdf" and the vignette "Two-phase designs in epidemiology". It is best to install An article by myself and a former student (Chatterjee) from Applied Statistics, 1999. This is the most accessible paper (other than the one submitted above) for a general epidemiology audience on the work I have been doing in this area. Methods have progressed substantially since this was written. A book chapter on case-control studies I wrote for the recent Springer Handbook of Epidemiology. This falls in the category "could benefit from in general."
Dr. James Robins	Analysis of Times Series Data	Estimation and extrapolation of optimal treatment and testing strategies and Marginal Structural Models for Causal Inference in Epidemiology Epidemiology, 11(5):550-560.
Dr. Malcolm Maclure	Innovative Case-Crossover and Related Study Designs	Mittleman Mq Maclure M, Sherwood JB et al. Triggering of acute myocardial infarction onset by episodes of anger. Determinants of Myocardial Infarction Onset Study Investigators. Circulation. 1995 Oct 1;92(7):1720-5. (FREE ONLINE, WITH FIGURE) Maclure M, Mittleman MA. Should we use a case-crossover design? Annu Rev Public Health. 2000;21:193-221 Maclure M. 'Why me?' versus 'why now?'--differences between operational hypotheses in case-control versus case-crossover studies. Pharmacoepidemiol Drug Aug; 16(8):850-3.Saf. 2007

Dr. Alfredo Morabia	Three Views on the Track Record of Epidemiology	A Morabia. A History of Epidemiologic Methods and Concepts. Birkhauser, 2004
Dr. Rodolfo Saracci	Three Views on the Track Record of Epidemiology	
Dr. Neil Pearce	Three Views on the Track Record of Epidemiology	International Journal of Epidemiology 2006;35:515–519 J Clin Epidemiol Vol. 51, No. 8, pp. 643–646, 1998 ch78659 Module 2 Journal of Epidemiology & Community Health 2/7/08 09:39:20 American Journal of Public Health; May 1996; Vol. 96 No. 5
Dr. Duncan Thomas	Efficient Designs for Genetic	Thomas DC (2008). Methodological and analytical issues in the genome-wide association studies. In: Khoury MJ, Little J, Burke W, Human Genome Epidemiology: Scientific Foundation for Using Genetic Information to Improve Health and Prevent Disease (volume II). Oxford: Oxford University Press, in press. [PDF can be provided later, if it hasn't appeared by the time of the workshop
Dr. John Witte	Efficient Designs for Genetic Epidemiology and Gene-environment Association Studies	NOTE ATTACHMENT IN EMAIL 1.Enriching the Analysis of Genomewide Association Studies with Hierarchical Modeling Gary K. Chen and John S. Witte 2. Genome-wide association studies for complex traits: consensus, uncertainty and challenges Mark I. McCarthy, Gonçalo R. Abecasis§, Lon R. Cardon David B. Goldstein, Julian Little, John P. A. Ioannidis and Joel N. Hirschhorn
Dr. Richard Peto		

Dr. Sander Greenland		International Journal of Epidemiology 2006;35:765–775
	Overview of New Approaches to Causal Models (Causal Pathways > DAGs, Mathematical Models, FRDR Bayesian Approaches)Bayesian Bias Analysis	International Journal of Epidemiology 2007;36:195–202 Modern Epidemiology, 3rd edition, 18-19
Dr. Miguel Hernan	Overview of New Approaches to Causal Models (Causal Pathways > DAGs, Mathematical Models, FRDR Bayesian Approaches)	Robins JM, Hernán MA. Estimation of the causal effects of time-varying exposures. In: Advances in Longitudinal Data Analysis. Fitzmaurice G, Davidian M, Verbeke G, Molenberghs G, eds. New York: Chapman and Hall/CRC Press, 2008. Robins JM, Hernán MA, Brumback B. Marginal structural models and causal inference in epidemiology. Epidemiology 2000; 11:550*560. Hernán MA, Lanoy E, Costagliola D, Robins JM. Comparison of dynamic treatment regimes via inverse probability weighting. Basic & Clinical Pharmacology & Toxicology 2006; 98:237*242.

Maya Peterson	Overview of New Approaches to Causal Models (Causal Pathways DAGs, Mathematical Models, FRDR Bayesian Approaches)	Hernan, MA, Brumback B, Robins JM: Marginal structural models to estimate the causal effect of zidovudine on the survival of HIV-positive men. Epidemiology. 2000; 11:561–570. Hernan MA,Lanoy E, Costagliola D, and Robins JM. Comparison of dynamic treatment regimes via inverse probability weighting. Basic & Clinical Pharmacology & Toxicology. 2006; 98:237–242. van der Laan MJ, Petersen ML. Causal Effect Models for Realistic Individualized Treatment and Intention to Treat Rules. International Journal of Biostatistics. 2007; 3.1: 3. Phillips AN, Pillay D, Miners AH, Bennett DE, Gilks CF, Lundgren JD. Outcomes from monitoring of patients on antiretroviral therapy in resource-limited settings with viral load, CD4 cell count, or clinical observation alone: a computer simulation model. Lancet. 2008; 371:1443-51. Petersen ML, van der Laan MJ, Napravnik S, Eron JJ, Moore RD, Deeks SG. Long term consequences of the delay between virologic failure of highly active antiretroviral therapy and regimen modification. Under revision for publication in AIDS.
Dr. Diana Petitti	Response Rates in Epidemiologic Studies	Increasing Response Rates to Postal Questionnaires. BMJ; 2002; 18:1183
Dr. Patricia Buffler	Response Rates in Epidemiologic Studies	Control Selection Strategies in Case-Controlled Studies of Childhood Diseases. AJE; 2004; 10: 159 Reporting Participation in Epidemiologic Studies: A Survey of Practice; AJE; 2005; 3: 163 Secular Trends in Reponse Rates for Controls Selected by Random Digit Dialing in Childhood Cancer Studies: A Report from the Children's Oncology Group; AJE; 2007; 1: 166 Participation in Population Studies. Epidemiology 2006; 3:17
Dr. Allen Wilcox	New Directions for Epidemiology: The Role of Journals	Four editorials from EPIDEMIOLOGY: "On revealing what we'd rather hide: The problem of describing study participation" March 2002 "On the failure to disclose sibling manuscripts" March 2003 "On precision" January 2004 "On 'inflammatory epidemiology' " July 2008

Dr. Moyses Szklo		Kuller L. Circular epidemiology. Am J Epidemiol 1999;150:897-903 Sutton AJ, Duval SJ, Tweedie RL, et al. Empirical assessment of publication bias on meta-analyses. Brit Med J 2000;320:1574-1577
	New Directions for Epidemiology: The Role of Journals	Szklo M. The evaluation of epidemiologic evidence for policy-making. Am J Epidemiol 2001;154:S13-S17