

Statistical Literacy sessions at the ASA Joint Statistical Meetings organized by Milo Schield

2011 Statistical Literacy #14 (ASA, Miami FL). Organizer and chair: Milo Schield

- Pop-stats books and Statistical Education - Kaiser Fung, New York Univ.
- Integrating Quantitative and Financial Literacy - Joseph Ganem, Loyola Univ., Maryland.
- [Statistics and Clinical Trials: Past, Present and Future](#) - Herb Weisberg, Correlation Research.
- Learning to Read the Numbers: Critical Literacy and Numeracy in K-8 Classrooms - David and Phyllis Whitin, Wayne State U.
- Assessing Quantitative Reasoning: What Do Freshmen Know? - Ermine Faith Orta, Nandini Kannan and Kimberly Massaro, Univ. Texas San Antonio.
- [Describing Quantitative Relationships Using Informal Grammar](#), Milo Schield

2010 Statistical Literacy #13 (ASA, Vancouver CA). Organizer and chair: Milo Schield

- [Numbers in Everyday Life: A Short Course for Adults](#) Gerald Hahn, Necip Doganaksoy, Ricki Lewis, Jane Oppenlander and Josef Schmee
- [Statistical Literacy for Managers: Analyzing Time Series data](#) by Anders and Britt Wallgren (Sweden)
- [The Undetectable Difference: An Experimental Look at the "Problem" of p-Values](#). Bill Goodman (Univ. Toronto)
- [Probability in Decline](#) Dean Brooks (Ekaros Analytical Inc.)
- [Teaching Statistical Literacy as a Quantitative Rhetoric Course](#) John Schmit (Augsburg College)
- [The Social Construction of Ranks](#) Milo Schield (Augsburg College)

2009 Statistical Literacy #12 (ASA, Washington DC). Organizer and chair: Milo Schield

- [Statistical Challenges in Medical Research: What Consumers Need to Know](#) Ronald R Gauch (Marist College)
- [The Cult of Statistical Significance](#) Stephen Ziliak (Roosevelt U.) and Deirdre N. McCloskey (Univ. Illinois, Chicago)
- [Spinning Heads and Spinning News: Statistics in the Media](#) Rebecca Goldin (George Mason U.):
- *Know Your Chances: Curriculum to Help Students Be Better Consumers of Statistics* Steven Woloshin and Lisa Schwartz (Dartmouth)
- [Confound those Speculative Statistics](#) Milo Schield (Augsburg)

2009 Numeracy (ASA, Washington DC). Organizer: Milo Schield. Chair: Paul J. Fields

- [Distinguishing Association from Causation in Media Headlines](#) Milo Schield (Augsburg) and Robert Raymond (St. Thomas)
- *Formal Debates to Clarify the Objectives of an Intro Stats Course* Dan Schafer (Oregon State)
- *How Prepared are Doctoral Dissertation Committees?* Rossi Hassad (Mercy College)
- *Taking Confounding Seriously with Introductory Students* Daniel Kaplan (Macalester College)

2008 Statistical Literacy #11 (ASA, Denver, CO). Organizer: Milo Schield. Chair: Larry Lesser

- [Interpreting the substantive significance of multivariate regression coefficients](#). Jane Miller (Rutgers University).
- [Just Plain Data Analysis](#). Gary Klass (Illinois State University).

- [\*Using Simulation to Teach Statistical Literacy\*](#). Marc Isaacson, W. M. Keck Statistical Literacy Project.
- [\*Numbers in the News: A Survey\*](#). Robert Raymond and Milo Schield, W. M. Keck Statistical Literacy Project.
- [\*von Mises' Frequentist Approach to Probability\*](#). Milo Schield and Tom Burnham, W. M. Keck Statistical Literacy Project.
- [\*Student Attitudes Toward Statistics at Augsburg: 2003-2004\*](#). Milo and Cynthia Schield, W. M. Keck Statistical Literacy Project.

#### 2007 Statistical Literacy #10 (ASA, Salt Lake City, UT). Chair: Paul J. Fields

- Statistics for Innumerate Journalists. [Stephen Doig](#), Walter Cronkite Professor of Journalism (Arizona State Univ.)
- Quantitative Reasoning: An Activity-Based Course. Kay Somers (Moravian College)
- [Grammar of Statements Involving "Chance"](#). Schield (Augsburg) and Burnham (Cognitive Consulting)
- [Numbers in the News: A Survey](#). Milo Schield (Augsburg) & Cynthia Schield (Napa County Record)

#### 2006 Statistical and Quantitative Literacy #9 (ASA, Seattle, WA) Organizer and chair: Milo Schield

- [Pedagogical Challenges of Quantitative Literacy](#). Bernie Madison, President of the National Numeracy Network.
- Increasing Quantitative Literacy through the Mathematics across the Community College Curriculum Project. Rebecca Hartzler (Seattle Community College) and Kim Rheinlander (Dartmouth).
- [Quirks of Rhetoric: a Quantitative Analysis of Quantitative Reasoning in Student Writing](#). Neil Lutsky (Carleton College)
- Common Misconceptions in Statistical Literacy. [Marc Isaacson](#) (Augsburg College)
- [Percentage Charts in USA Today Snapshots Online](#). [Milo Schield](#) (Augsburg College)

#### 2005 Statistical Literacy #8 (ASA, Minneapolis, MN). Organizer and chair: Milo Schield

- [What Can 'CSI' Teach Us about Statistical Literacy](#) Jane Miller (Rutgers University)
- [Epidemiology for Teaching Statistics](#) Chris Olsen (Cedar Rapids Iowa schools)
- [Toys, Tales and a Journalist's View of Statistics](#) Lewis Cope (co-author of *News and Numbers*)
- [Statistical Literacy: An Online Course at Capella University](#) Marc Isaacson (Augsburg College)
- [On-line Ratio Statement Validator](#), Burnham (Cognitive Consulting) and Schield (Augsburg College)
- [Statistical Literacy and Chance](#), Milo Schield (Augsburg College)

#### 2004 Statistical Literacy #7 (ASA, Toronto, Canada). Organizer and chair: Milo Schield

- Teaching Statistical Principles using Epidemiology, Donna Stroup (CDC)
- [Planning a Statistical Literacy Course](#) Robert Hayden (Plymouth State University)
- [Statistics for Political Science Majors](#) Gary Klass (Illinois State University)
- [Confounder-Resistance and Confounder Intervals for a Binary Confounder](#), Schield & Burnham

#### 2003 Statistical Literacy #6 (ASA, San Francisco, CA) Organizer and Chair: Milo Schield

- *Understanding Scientific Reasoning*, Ronald Giere (U. Mn) & Leslie Burkholder (Canada)
- *Journalism, Computer Assisted Reporting and Statistical Literacy*, Brant Huston (Director IRE: Investigative Reporters and Editors)

- [Subjective Statistical Inference Based On Pure Associations](#) Robyn M. Dawes (Carnegie Mellon)
- [Review of Statistical Literacy Course Design at Augsburg: 2002-2003](#) Julie Naylor & Bill Jasperson (Augsburg)
- [Confounder-Induced Spuriousity and Reversal: Algebraic Conditions for Binary Data](#), Schield & Burnham

2002 Statistical Literacy #5 (ASA, New York City, NY). Organizer and Chair: Milo Schield

- [Using Quantitative Data to Study Social Phenomena: Some Ignored Issues](#) Stanley Lieberman (Harvard)
- [People Count: The Social Construction of Statistics](#) Joel Best (University of Delaware)
- *Bag of Tricks for Teaching Statistics*, Andrew Gelman (Columbia)
- *The Mission of STATS*, S. Robert Lichter, President of STATS (Presented by Ian Murray)
- *Algebraic Relationships in 2x2 Tables*, Schield (Augsburg) and Burnham (Cognitive Consulting)

2001 Statistical Literacy #4 (ASA, Atlanta, GA) Organizer and Chair: Milo Schield

- *The Tyranny of Numbers*, Nicholas Eberstadt (AEI: American Enterprise Institute)
- *More Guns; Less Crime*. John Lott (University of Chicago and Yale)
- *Student-Centered Education*, Deborah Rumsey (University of Ohio)
- *A Post-Modern View of Statistical Education*, Gudmund Iversen (Swarthmore College)
- [Statistical Literacy: Reading Tables of Rates and Percentages](#), Milo Schield (Augsburg College)

2000 Statistical Literacy #3 (ASA, Indianapolis, IN) Organizer and Chair: Milo Schield

- *Thinking Big About Statistics*. John Bailar III (Univ. Chicago)
- *Cross-Level Inference as an Identification Problem*. W. Phillips Shively (Univ. Minnesota)
- *A Case Story in the Teaching of Observational Studies*. Chamont (Wei-hong) Wang (College of NJ)
- [A First Year Interdisciplinary QR Course: A Pre-Statistics Course](#) Jabon and Narasimhan (De Paul U)
- [Teaching Statistics For Use In Epidemiology](#) Joe H. Abramson (Hebrew University)
- [Statistical Literacy: Describing and Comparing Rates and Percentages](#) Milo Schield (Augsburg)

1999 Critical Thinking in Observational Studies #2 (ASA, Baltimore, MD)

- [How to Help Reporters Tell The Truth](#) Victor Cohen (Former Washington Post Science editor)
- *Population Growth and Propensity: Complex Observational Studies*. Thomas Wonnacott (Canada)
- [Teaching Causal Inference in Experiments and Observational Studies](#) Donald Rubin (Harvard)
- [Simpson's Paradox and Cornfield's Conditions](#), Milo Schield (Augsburg College)

1998 New Directions in Introductory Statistics #1 (ASA, Dallas, TX). Organizer/Chair: Milo Schield

- [Statistics for First Year Liberal Arts Students](#) Gary Smith (Pomona College)
- *Educating Everyone: Statistical Methods and Statistical Literacy*. Jessica Utts (U. California, Davis)
- *Teaching Statistics Without Formulas*. Gudmund Iversen (Swarthmore)
- [Eight Features of an Ideal Introductory Statistics Course](#). Donald Macnaughton (Toronto)
- [Statistical Literacy and Evidential Statistics](#), Milo Schield (Augsburg College)