

## David Kremelberg, Ph.D.

### Education

- Ph.D. August 2009. Sociology, University of Connecticut.  
Certificate in Quantitative Methods, Awarded in August 2008.
- M.A. May 2006. Sociology, University of Miami.
- B.A. January 2004. Psychology, The State University of New York at Binghamton.  
Magna cum laude.  
Awards: Dean's List Fall 2001, 2002, and 2003, Golden Key Award.

### Statistics Positions

- Statistical Consultant, November 2008-present.
  - President and owner of DK Statistical Consulting, Incorporated
  - Have analyzed data from the fields of psychology, sociology, education, criminology and criminal justice, management, marketing, economics, finance, business, chemistry, biology, archeology, history, medical science, and other fields
  - Have expertise in statistics, quantitative and qualitative research methods and analysis, and probability
  - Have utilized *t*-tests, ANOVAs, ANCOVAs, regression, factor analysis, cluster analysis, time-series analysis, structural equation modeling, hierarchical linear modeling, multiple imputation, probability theory, and other methods
  - Have drafted 500+ methods and results sections
- Research Assistant at the Institute for Community Research, December 2006-May 2008.
  - Analyzed data and wrote reports on drug use, sexual behavior, STDs, and other factors using factor analysis, regression, structural equation modeling, and other methods
  - Lead statistician for the India ASHRA project, a study focused on decreasing STD risk and negative effects of alcohol use in Indian neighborhoods
  - Promoted to full-time after 5 months

### Academic Positions

- Icelandic Institute for Intelligent Machines, Affiliate Researcher, March 2016-Present.
- University of Connecticut, Center for Judaic Studies and Contemporary Jewish Life, Associate Research Scholar, November 2013-Present.

### Publications

- Kremelberg, David, and Arnold Dashefsky. 2019. "Predictors of Anti-Semitism in the Contemporary United States." Manuscript in Preparation.
- Kremelberg, David, and Arnold Dashefsky. 2016. "Targets of Out-Group Hostility in the Contemporary United States: Individual- and Community-Level Factors Associated with

the Experience of Anti-Semitism Among American Jews.” *Contemporary Jewry*, 36 (2): 243-264.

- Kremelberg, David. 2011. *Study Guide for ‘Statistics for People who Hate Statistics (Neil Salkind)’*. Thousand Oaks, CA: Sage Publications.
- Kremelberg, David. 2010. *Practical Statistics: A Quick and Easy Guide*. Thousand Oaks, CA: Sage Publications.
- Berg, Marlene J., David Kremelberg, Purva Dwivedi, Supriya Verma, Jean J. Schensul, Kamla Gupta, Devyani Chandran, and S.K. Singh. 2010. “The Effects of Husband’s Alcohol Consumption on Married Women in Three Low-Income Areas of Greater Mumbai”. *AIDS and Behavior*, 14 (Suppl. 1): 126-135.
- Singh, S.K., Jean J. Schensul, Kamla Gupta, Barsharani Maharana, David Kremelberg, and Marlene Berg. 2010. “Determinants of Alcohol Use, Risky Sexual Behavior and Sexual Health Problems among Men in Low Income Communities of Mumbai, India”. *AIDS and Behavior*, 14 (Suppl. 1): 48-60.

### Conference and Workshop Papers

- Kremelberg, David. 2019. “Embodiment as a Necessary A Priori of General Intelligence”: The Twelfth Conference on Artificial General Intelligence, Shenzhen, China, August 6-9, 2019.
- Thórisson, Kristinn R., and David Kremelberg. 2017. “Do Machines Understand? A Short Review of Understanding & Common Sense in Artificial Intelligence”: Understanding Understanding Workshop, The Tenth Conference on Artificial General Intelligence, Melbourne, Australia, August 15-18, 2017.
- Thórisson, Kristinn R., and David Kremelberg. 2017. “Understanding and Common Sense: Two Sides of the Same Coin?”: The Tenth Conference on Artificial General Intelligence, Melbourne, Australia, August 15-18, 2017.
- Thórisson, Kristinn R., David Kremelberg, Bas R. Steunebrink, and Eric Nivel. 2016. “About Understanding”: The Ninth Conference on Artificial General Intelligence, The New School, New York City, New York, July 18, 2016.
- Kremelberg, David. 2006. “Predictors of Attitudes toward Teen Sex in the United States”: 2006 Citizens Board Research & Creativity Forum, University of Miami, April 6, 2006.

### Professional Activities

- The 2nd International Workshop on Architectures and Evaluation for Generality, Autonomy & Progress in AI (AEGAP), Workshop Program Committee Member, Macao, China, August, 2019.
- The 1st International Workshop on Architectures and Evaluation for Generality, Autonomy & Progress in AI (AEGAP), Workshop Program Committee Member, Stockholm, Sweden, July 13-19, 2018.
- Understanding Understanding. Workshop Organizing Committee Chair, The Tenth Conference on Artificial General Intelligence, Melbourne, Australia, August 15-18, 2017.
- Understanding Understanding. Workshop Program Committee Member, The Tenth Conference on Artificial General Intelligence, Melbourne, Australia, August 15-18, 2017.

- Architectures for Generality & Autonomy. Workshop Program Committee Member, The 26th International Joint Conference on Artificial Intelligence, Melbourne, Australia, August 19, 2017.

## Research Skills

- Have extensive experience using SPSS, Stata, SAS, R, HLM, AMOS, and StatTransfer
- Have experience using LISREL, Mplus, EViews, GraphPad Prism, JMP, Minitab, online surveys/data collection, and analyzing survey data
- Have written over 250,000 lines of Stata, SPSS, and SAS syntax
- Have worked with data sets containing 10,000,000+ cases and 10,000+ variables
- Have extensive experience creating, developing, merging, modifying, and converting very large data sets
- Have experience creating Excel templates and macros and computer software programs for the automatic generation of SPSS syntax, the computation of multiple statistical tests, and the filtering of analytical results
- Have extensive experience with regression (linear, logistic, ordered, multinomial, negative binomial, Poisson), structural equation modeling, hierarchical linear modeling, factor analysis, time-series analysis, imputing missing data, and simpler statistical tests (chi-square, ANOVA, *t*-test, correlation coefficients, etc.)
- Have extensive experience conducting qualitative research
- Have performed accuracy checks for several statistics textbooks published by Sage Publications

## Coursework

- Statistics and Research Methods coursework
  - Undergraduate: Statistical Analysis and Design, Research Methods
  - Graduate: Statistics I, Statistics II, Quantitative Research Methods, Quantitative Research Methods II, Qualitative Research Methods, Qualitative Research Methods II, Field Research Methods, Logistic and Hierarchical Linear Models, Structural Equation Modeling, Seminar in Quantitative Methods, Experimental Social Psychology (audited)
- Computer Science coursework
  - Undergraduate: Introduction to Programming, "C" Programming I, Principles of Computer Networks, Introduction to Computer Science & Object-Oriented Programming (exempted), Principles of Computer Organization (credit by examination), Object-Oriented Data Structures and Algorithms 1 (credit by examination), Object-Oriented Data Structures and Algorithms 2, Computer Science Practicum I
- Mathematics coursework
  - Undergraduate: Calculus & Analytical Geometry 1, Calculus & Analytical Geometry 2, Calculus III, Linear Algebra, Introduction to Higher Math

## Teaching Experience

- Instructor for *Social Problems*, Writing-intensive section, University of Connecticut, Fall 2008

- Instructor for *Social Problems*, Writing-intensive section, University of Connecticut, Fall 2008
- Instructor for *Introduction to Sociology*, Writing-intensive section, University of Connecticut, Summer Session I 2008
- Instructor for *Introduction to Sociology*, Writing-intensive section, University of Connecticut, Spring 2008
- Instructor for *Introduction to Sociology*, Writing-intensive section, University of Connecticut, Fall 2007
- Instructor for *Introduction to Sociology*, Eastern Connecticut State University, Fall 2007
- Instructor for *Introduction to Sociology*, Eastern Connecticut State University, Fall 2007
- Instructor for *Race, Class, and Gender*, Writing-intensive section, University of Connecticut, Summer Session I 2007
- Instructor for *Introduction to Sociology*, Eastern Connecticut State University, Spring 2007
- Instructor for *Race, Class, and Gender*, Writing-intensive section, University of Connecticut, Spring 2007
- Instructor for *Quantitative Methods Lab*, University of Miami, Spring 2006
- Teaching Assistant for *Introduction to Sociology*, University of Connecticut, Fall 2006
- Academic Tutor (Statistics), University of Connecticut, August 2008-December 2008
- Academic Tutor (Sociology and Science), University of Miami, August 2005-January 2006

### Volunteer Work

- Founding Member, Association of Cryonics Professionals, June 2017-Present.
- Advisor to the Board, Alcor Life Extension Foundation, December 2016-Present.
- Teaching and tutoring, Various organizations, April 2009-Present.

### Other Skills

- Have experience programming in Java, C, C++, Python, Visual Basic/BASIC/QBasic, writing HTML, Joomla!, Microsoft Office (Microsoft Word, Excel, PowerPoint, Outlook, and Access), HTML editors, Adobe Acrobat, Adobe Photoshop, FTP clients, Filemaker Pro, Omnipage Pro, MS-DOS, Microsoft Windows 3.1/95/98/2000/XP/Vista/7/8/10, GNU/Linux (Debian, Red Hat, Mandriva, \*buntu), BSD (FreeBSD, OpenBSD), and Mac OS.
- Experience with computer networking, performing computer upgrades, hardware installation and un-installation, hardware replacements, computer assembly, web design, OS installation (Microsoft Windows and several GNU/Linux and BSD distributions), software installation and un-installation, and troubleshooting.
- FCC Amateur Extra Class license.

### References

Available Upon Request