

## CURRICULUM VITA

NAME: Abba Meyer Krieger

ADDRESS: 501 Waldron Terrace  
Merion, PA 19066

TELEPHONE NUMBER: (215) 667-3420 (home)  
(215) 898-6805 (work)  
(610) 772-0115 (cell)

MARITAL STATUS: Married

EDUCATION: Massachusetts Institute of Technology

S.B. degree - Pure Mathematics 1972

S.B. degree - Management Science (Operations Research)  
1972

S.M. degree - Sloan School of Management 1972  
(Area of concentration:  
Management Science)

Harvard University

S.M. degree - Mathematical Statistics 1973

Ph.D. degree - Mathematical Statistics  
Area of concentration - Probability  
Theory and Probabilistic Models 1974

University of Pennsylvania

M.A. degree - Honorary 1979

WORK EXPERIENCE: **Chairman Department of Statistics** at the Wharton School of the University of Pennsylvania: July 1, 2002 to June 30, 2008.

**Robert Steinberg Professor** at the Wharton School of the University of Pennsylvania: December 1996 to present.

**Professor** at the Wharton School of the University of Pennsylvania: June 1985 to December 1996.

**Visiting Professor** at Hebrew University, Department of Statistics: July 1981 to June 1982.

**Associate Professor** at the University of Pennsylvania, Department of Statistics: July 1979 to June 1985.

**Assistant Professor** at University of Pennsylvania, Department of Statistics: July 1974 - June 1979.

**Research Grant** at Harvard University: Fall 1972 - Spring 1974. Independent work.

**Research Summer Student**: Weizmann Institute - Summer 1972. Laguerre polynomials in solving differential equations.

**Research Fellow** at Harvard University: Summer 1971 - Spring 1972. Sociometric models.

**Research Assistant** at M.I.T.: Summer 1971. Setting up an exploratory data analysis computer package.

**Research Assistant** at Harvard University- Fall 1970. Models for income, occupation and education.

**Research Assistant** at M.I.T.: Summer 1970. Bayesian regression models.

**Research Assistant** at Harvard University: Spring 1970. Devised and programmed a model for analyzing marital practices of African tribes.

**Research Assistant** at M.I.T.: Summer 1969. Algorithms for the "Transportation problem."

#### TEACHING EXPERIENCE:

**Teaching Fellow** at Harvard University: Spring 1974- Probability and Statistics.

**Instructor** at Boston University: Spring 1973- Statistics, Probability and Operations Research.

**Teaching Fellow** at Harvard University: Fall 1972- Stochastic Processes.

**Instructor** at Boston University: Summer 1971- Calculus.

**Teaching Assistant** at M.I.T.: Fall 1969 - Spring 1970, Statistical Decision Theory.

HONORS:

**International Statistical Institute**- elected Fellow- 2015

**Institute of Mathematical Statistics**- elected Fellow- 2008.

**Journal of Advertising Research**- Best paper award- 2008.

**Named Robert Steinberg Professor of Statistics** - 1996

**Hauck Award** - for excellence in teaching in the undergraduate program at Wharton 1996.

**Outstanding Faculty Award** - "Greek" Community.

**American Statistical Association** - elected Fellow- 1992

**Alpha Kappa Psi Award** for paper making significant contribution, *Journal of Marketing*- 1991

**Wharton Undergraduate Teaching Awards** – 1990, 1991; 1995; 1996.

**Dean Search Committee**- 1990; 2000; 2005 elected by the faculty of the Wharton School as one of four representatives for the dean search and reappointment committee.

**Lindback Society** - elected to the first Board of Governors.

**Wharton MBA Award for Excellence in Teaching** - 1982.

**Lindback Award** for excellence in teaching at the University of Pennsylvania 1977 - 1978.

**Anvil Award** for excellence in teaching at the Wharton School 1976 - 1977.

**Weizmann Institute Research** - Accepted to summer program in mathematics - Summer 1972.

**The Harvard Fellowship in Statistics** for 1970.

- ARTICLES:
1. Gastwirth, J.L., and A.M. Krieger (1975), "On Bounding Moments from Grouped Data," *Journal of the American Statistical Association*, **70**, No. 350, 468-471.
  2. Berger, P.D., and A.M. Krieger (1976), "Bayesian Analysis of 2 P Fractional Designs, with Implications for Optimal Design, Reports of Statistical Application Research," *Union of Japanese Scientists and Engineers*, **23**, No. 3, 1-7.

3. Berman, B., Krieger, A.M. & Naiman, J.L. (1979). A New Method for Calculating Volumes of Blood for Partial Exchange Transfusion. *Journal of Pediatrics*, 94(1), 86-89.
4. Krieger, A., Gastwirth, J.L. and Rubin, D. (1979), "Statistical Analyses from Summary Data and Their Impact on the Issue of Confidentiality," *Section on Survey Research Methods, Proceedings of the 1978 Meeting of the American Statistical Association*.
5. Krieger, A.M. (1979), "Bounding Moments, the Gini Index and Lorenz Curve from Grouped Data for Unimodal Density Functions," *Journal of the American Statistical Association*, **74**, No. 366, 375-378.
6. Cutler, W.B., Garcia, C.R. & Krieger, A.M. (1979). Infertility and Age at First Coitus: A Possible Relationship. *Journal of Biosocial Science*, 11, 425-432.
7. Cutler, W.B., Garcia, C.R. & Krieger, A.M. (1979). Sexual Behavior Frequency and Menstrual Cycle Length in Mature Premenopausal Women. *Psychoneuroendocrinology*, 4, 297-309.
8. Cutler, W.B., Garcia, C.R. & Krieger, A.M. (1979). Luteal Phase Defects: A Possible Relationship between Short Hyperthermic Phase and Sporadic Sexual Behavior in Women. *Hormones and Behavior*, 13, 214-218.
9. Ramage, J.G., A.M. Krieger, and L.L. Spero (1979), "An Empirical Study of Error Characteristics in Audit Populations," *Journal of Accounting Research*, **17**, 72107.
10. Cutler, W.B., Garcia, C.R. & Krieger, A.M. (1980). Sporadic sexual behavior and menstrual cycle length in women. *Hormones and Behavior*, 4(2), 163-172.
11. Krieger, A.M., and J. Pickands III (1981), "Weak Convergence and Efficient Density Estimation at a Point," *Ann. of Statistics*, **9**, No. 5, 1066-1078.
12. Gilula, Z., and A.M. Krieger (1983), "The Decomposability and Monotonicity of Pearson's Chi-Squared for Collapsed Contingency Tables with Applications," *Journal of the American Statistical Association*, **78**, No. 381, 176180.
13. Krieger, A.M. (1983), "Bounding Moments from Grouped Data and the Importance of Group Means," *Sankhya B*, **45**, No. 3, 309-319.
14. Fisher, M.L., and A.M. Krieger (1984), "Analysis of a Linearization Heuristic for Single-Machine Scheduling to Maximize Profit," *Mathematical Programming*, **28**, 218225.

15. Krieger, A.M., and J.L. Gastwirth (1984), "Interpolation from Grouped Data for Unimodal Densities," *Econometrika*, **52**, No. 2, 419 - 425.
16. Green, P.E., and A.M. Krieger (1985), "Models and Heuristics for Product Line Selection," *Journal of Marketing Science*, **4**, Spring, 1-19.
17. Green, P.E., and A.M. Krieger (1985), "Buyer Similarity Measures in Conjoint Analysis: Some Alternative Proposals," *Journal of Classification*, **1**, 41-61.
18. Green, P.E., A.M. Krieger, and C.M. Schaffer (1985), "Quick and Simple Benefit Segmentation," *Journal of Advertising Research*, **25**, No. 3, 9-18.
19. Green, P.E., and A.M. Krieger (1986), "The Minimal Rank Correlation Subject to Order Restrictions, with Applications to the Weighted Linear Choice Model," *Journal of Classification*, **3**, 67-95.
20. Assaf, D., Y. Ben-Dov and A.M. Krieger (1986), "Optimal Design of Systems Subject to Two Types of Errors," *Operations Research*, **34**, No. 4, 550-553.
21. Gastwirth, J.L., T. Nayak and A.M. Krieger (1986), "Large Sample Theory for the Bounds on the Gini and Related Indices of Inequality Estimated from Grouped Data," *Journal of Business and Economic Statistics*, **4**, No. 2, 269-273.
22. Cutler, W.B., Preti, G., Krieger, A., Huggins, G.R., Garcia, C.R. & Lawley, H.J. (1986). Human axillary secretions influence women's menstrual cycles: The role of donor extract from men. *Hormones and Behavior*, **20**(4), 463-473.
23. Green, P.E., and A.M. Krieger (1986), "A Simple Heuristic for Generating "Good" Products in Conjoint Analysis," *Applications of Management Science*.
24. Ehrman, C.M., A.M. Krieger, and K.J. Miescke (1987), "Subset Selection Toward Optimizing the Best Performance at a Second Stage," *Journal of Business and Economic Statistics*, **5**, No. 2, 295-304.
25. Green, P.E., Abba M. Krieger (1987), "A consumer-based approach to designing product line extensions," *Journal of Product Innovation Management*, **4**, No. 1, 21-32.
26. Green, P.E., A.M. Krieger, and J.D. Carroll (1987), "Conjoint Analysis and Multidimensional Scaling: A Complementary Approach," *Journal of Advertising Research*, **27**, October/November, 21-27.
27. Green, P.E. and A.M. Krieger (1988), "Choice Rules and Sensitivity Analysis in Conjoint Simulations," *Journal of the Academy of Marketing Science*, **16**, Spring, 114-127.

28. Green, P.E., A.M. Krieger and P. Bansal (1988), "Completely Unacceptable Levels in Conjoint Analysis: A Cautionary Note," *Journal of the Academy of Marketing Science*, **25**, August, 293-300.
29. Gilula, Z., A.M. Krieger and Y. Ritov (1988), "Ordinal Association in Contingency Tables: Some Interpretive Aspects," *Journal of the American Statistical Association*, **83**, 540-545.
30. Green, P.E. and A.M. Krieger (1988), "Dominated Options in Conjoint Modeling: Is Their Occurrence Recognized?," *Data, Expert Knowledge and Decisions*, W. Gaul and M. Schaden (eds.), New York: Springer-Verlag.
31. Green, P.E. and A.M. Krieger (1989), "Recent Contributions to Optimal Product Positioning and Buyer Segmentation," *European Journal of Operational Research*, **41**, No. 2, 127-141.
32. Bickel, P.J. and A.M. Krieger (1989): "Confidence Bands for a Distribution Function Using the Bootstrap," *Journal of the American Statistical Association*, **64**, 95 -100.
33. Krieger, A.M., Weinberger,P. & Greenhaugh, R. (1989). A Mathematical Model Used to Predict the Modifying Effects of Adjuvants in Lake and Estuarine Water Systems. *Adjuvants for Agrichemicals*, II, CRC Press.
34. Green, P.E., A.M. Krieger, and R.N. Zelnio (1989), "A Componential Segmentation Model with Optimal Design Features," *Decision Sciences*, **20**, No. 2, 221-238.
35. Gilula, Z. and A.M. Krieger (1989), "Collapsed Two-way Contingency Tables and the Chi-square Reduction Principle," *Journal of the Royal Statistical Society B*, 51, 425-434.
36. Rosenbaum, P.R. and A.M. Krieger (1990), "Sensitivity of Two Sample Permutation Inferences in Observational Studies," *Journal of the American Statistical Association*, **85**, 493-498.
37. Green, P.E. and A.M. Krieger (1990), "A Hybrid Conjoint Model for Price-Demand Estimation," *European Journal of Operational Research*, **44** (October), 28-38.
38. De Veaux, R.D. and A.M. Krieger (1990), "Robust Estimation of a Normal Mixture," *Statistical and Probability Letters*, **10**, 1-7.
39. Green, P.E., A.M. Krieger and M.K. Agarwal, "Adaptive Conjoint Analysis: Some Cautions and Caveats," *Journal of Marketing Research*, **28**, May, 215-222.

40. Pfeffermann, D. and A.M. Krieger (1991), "Poststratification Using Regression Estimators When Information on Strata Means and Sizes is Missing," *Biometrika*, **78**, 409-419.
41. Gastwirth, J.L. and A.M. Krieger (1991), "On Bounding  $P(X_2 \leq X_1)$  from Grouped Data," *Scandinavian Journal of Statistics*, **18**, 111-117.
42. Green, Paul E. and A. M. Krieger (1991), "Segmenting Markets with Conjoint Analysis," *Journal of Marketing*, **55**, October, 20-31.  
Winner of the 1991 Alpha Kapp Psi Award.
43. Krieger, Abba M. and P.E. Green (1991), "Designing Pareto Optimal Stimuli for Multiattribute Choice Experiments," *Marketing Letters*, **2**, No. 4, 337-348.
44. Green, Paul E. and A.M. Krieger (1991), "Product Design Strategies for Target-Market Positioning," *Journal of Product Innovation Management*, **8**, Fall, 189-202.
45. Green, Paul E. and A.M. Krieger (1991), "Modeling Competitive Pricing and Market Share: Anatomy of a Decision Support System," *European Journal of Operational Research*, **57**, 1-14.
46. Green, P. E. and A. M. Krieger (1992), "Product Line Price Optimization with Conjoint Analysis," *Proceedings of the Academy of Marketing Science*, April., 273-277.
47. Green, P. E. and A.M. Krieger (1992), "An Application of a Product Positioning Model to Pharmaceutical Products," *Marketing Science*, **11**, Spring, 117-132.
48. Green, P.E. and A.M. Krieger (1992), "Modeling Competitive Pricing and Market Share: Anatomy of a Decision Support System," *European Journal of Operational Research*, **60**, July, 31-45.
49. Green, P. E. and A.M. Krieger, and C. M. Shaffer (1992), "Some Methodological and Empirical Findings Regarding Self-Explicated Preference Models," *Proceedings of the AMA Educators' Conference*, Summer, Chicago, 433-439.
50. Krieger, A.M. and D. Pfeffermann (1992), "Maximum Likelihood Estimation from Complex Surveys," *Survey Methodology*, **18**, 225-239.
51. Benjamini, Y. and A.M. Krieger (1992), "Market Share Paradox and Heterogeneous Chains," *Annals of Applied Probability*, **2**, 1019-1023.
52. Krieger, A.M. and M. Raghavachari (1992), "V-Shape Property for Optimal Schedules with Monotone Penalty Functions," *Computers and Operations Research*, **19**, No. 6, 533-534.

53. Bickel, P. and A.M. Krieger (1992), "Extensions of Chebychev's Inequality with Applications," *Probability and Mathematical Statistics*, **13**, 293-310.
54. Green, P.E. and A.M. Krieger (1993), "A Simple Approach to Target-Market Advertising Strategy," *Journal of the Market Research Society*, **35**, No. 2 (April), 161-170.
55. Zhang, P. and A.M. Krieger (1993), "Appropriate Penalties in the Final Prediction Error Criterion: A Decision Theoretic Approach," *Statistics and Probability Letters*, **18**, No. 3, 169-177.
56. Krieger, A.M. and Paul E. Green (1993), "Generalized Measures of Association for Ranked Data with an Application to Prediction Accuracy," *Journal of Classification*, **10**, June, 93-114
57. Krieger, A.M. and P.E. Green (1993), "A Simple Approach to Target Market Advertising Strategy," *Journal of the Market Research Society*, **35**, No. 2, 161-170.
58. Krieger, A.M., P.E. Green and Catherine M. Schaffer (1993), "An Empirical Test of Optimal Respondent Weighting in Conjoint Analysis," *Journal of the Academy of Marketing Science*, **21**, No. 4 (Fall), 345-351.
59. Green, P.E., A.M. Krieger and Manoj K. Agarwal (1993), "A Cross Validation Test of Four Models for Quantifying Multiattribute Preferences," *Marketing Letters*, **4**, No. 4, 369-380.
60. Krieger, A.M. and P.E. Green (1993), "Generalized Measures of Association for Ranked Data with an Application to Prediction Accuracy," *Journal of Classification*, **10**, June, 93-114.
61. Green, P.E., A.M. Krieger, and C.M. Schaffer (1993), "A Hybrid Conjoint Model with Individual-Level Interaction Estimation," *Advances in Consumer Research*, **20**, October, 1-6.
62. Gastwirth, J.L., A.M. Krieger and P. Rosenbaum (1994), "How a Court Accepted an Impossible Explanation," *American Statistician*, **48**, No. 4, 313-315.
63. Krieger, A.M. and P. Rosenbaum (1994), "A Stochastic Comparison for Arrangement Increasing Functions," *Combinatorics, Probability and Computing*, **3**, 345-348.
64. Green, P.E. and A.M. Krieger (1994), "A Hybrid Conjoint Model with Iterative Response Scale Adjustment," *Proceedings of the Academy of Marketing Science*, **17**, June, 273-279.
65. Benjamini, Y. and Krieger, A.M. (1994), "On the Consistency of Tests of Symmetry," *Nonparametric Statistics*, **4**, 283-292.



66. Green, P.E. and A.M. Krieger (1995), "A Comparison of Alternative Approaches to Cluster-Based Market Segmentation," *Journal of the Market Research Society*, **37**, No. 3, 221-239.
67. Green, P.E. and A.M. Krieger (1995), "Attribute Importance Weights Modification in Assessing a Brand's Competitive Potential", *Marketing Science*, **14**, 3, 253-70.
68. Krieger, A.M. and P.E. Green (1996), "Individualized Hybrid Models for Conjoint Analysis", *Management Science*, **42**, June, 850-867.
69. Krieger, A.M. and P.E. Green (1996), "Modifying Cluster-Based Segments to Enhance Agreement with an Exogenesis Response Variable," *Journal of Marketing Research*, **33** (August), 351-363.
70. Krieger, A.M. and P.E. Green (1996), "Linear Composites in Multiattribute Judgment and Choice: Extensions of Wilks' Results to Zero and Negatively Correlated Attributes," *British Journal of Mathematical and Statistical Psychology*, **49**, 107 - 126.
71. Benjamini, Y. and A.M. Krieger (1996), "Concepts and Measures for the Skewness of Random Variables," *Canadian Journal of Statistics*, **24**, No. 1, 131-140.
72. Ehrman, C., M. Hamburg and A.M. Krieger (1996), "A Method for Selecting Subsets of Alternatives for Future Decision Making," *European Journal of Operational Research*, 407 - 416.
73. Krieger, A.M. and P. Zhang (1996), "Generalized Final Prediction Error Criteria," *Encyclopedia of Statistics*.
74. Halpern, E., Albert, M., Krieger, A.M., Metz, C.E. & Maidment, A.D. (1996). Comparison of Receiver Operating Characteristic Curves on the Basis of Optimal Operating Points. *Acad. Radiol.*, 3(3), 245-253.
75. Pfefferman, D. and A.M. Krieger (1997), "Testing of Distribution Functions for Complex Surveys," *Journal of Official Statistics*, 123-142.
76. Gastwirth, J.L. and A.M. Krieger (1997), "Reply: Unquestionably Impossible," *American Statistician*, **51**, No. 2, 115-116.
77. Gastwirth, J.L. and A.M. Krieger (1997), "Reply: Hypotheticals and Hypotheses," *American Statistician*, **51**, No. 2, 120-121.
78. Krieger, A.M. (1997), "Unimodality," *Encyclopedia of Biostatistics*.
79. Gastwirth, J.L. and A.M. Krieger (1997), "Cornfield's Inequality", *Encyclopedia of Biostatistics*.

80. Krieger, A.M. and Y. Benjamini (1997), "Skewness: Concepts and Measures," *Encyclopedia of Statistics*.
81. Green, P.E., A.M. Krieger, and T. Vavra (1997), "Evaluating New Products," *Marketing Research*, **9**, Winter, 12-21.
82. Green, P. E. and A.M. Krieger (1998), "Slicing and Dicing the Market," *London Financial Times*, September, 185-189.
83. Gastwirth, J.L., A.M. Krieger and P.R. Rosenbaum (1998), "Dual and Simultaneous Sensitivity Analysis for Matched Pairs," *Biometrika*, **95**, 907-920.
84. Pfeffermann, D., A.M. Krieger and Y. Rinott (1998), "Parametric Distributions of Complex Sample Survey Data Under Informative Sampling," *Statistica Sinica*, **8**, 1087-1114.
85. Green, P.E., A.M. Krieger and U.N. Umesh (1998), "Effect of Level of Disaggregation on Conjoint Cross Validations: Some Comparative Findings," *Decision Sciences*, **29**, 1049-1060.
86. Green, P.E., A.M. Krieger and T. Vavra (1999), "Evaluating E-Z Pass: Using Conjoint Analysis to Assess Consumer Response to a New Tollway Technology," *Marketing Research*, **11**, 5-16.
87. Krieger, A.M. and P.E. Green (1999), "A Generalized Rand-Index Measure for Consensus Clustering of Separate Partitions of the Same Data Base," *Journal of Classification*, **16**, No. 1, 63-89.
88. Green, P.E. and A.M. Krieger (1999), "Evaluating Demand for Innovative Products," *London Financial Times*, September, 55-59.
89. Krieger, A.M. and P.E. Green (1999), A Cautionary Note on Using Cross Validation to Select the Number of Clusters, *Psychometrika*, **64**, 341-353.
90. Yakir, B., A.M. Krieger and M. Pollak (1999), "Detecting a Change in Regression: First Order Optimality," *Annals of Statistics*, **27**, 1896-1913.
91. Gastwirth, J.L., A.M. Krieger and P. Rosenbaum (2000), "Asymptotic Separability in Sensitivity Analysis," *J Roy Stat Soc B*, **62**, 545-555.
92. Krieger, A.M. and P.E. Green (2000), "Market Segmentation Involving Mixtures of Quantitative and Qualitative Variables", *Journal of Segmentation In Marketing*, **4**, No. 1, 85-106,
93. Green, P.E., Y. Wind, A.M. Krieger and P. Saatsoglou (2000), "Applying Qualitative Data," *Marketing Research*, **12**, Spring, 17-25.

94. Krieger, A.M. and P. Green (2000), "TURF Revisited: Enhancements to Total Unduplicated Reach and Frequency Analysis," *Marketing Research*, **12**, 30-36.
95. Krieger, A.M., C. Long and A. Wyner (2001), "Boosting Noisy Data", *Proceedings of the Eighteenth International Conference on Machine Learning*, 274-281.
96. Green, P.E., A.M. Krieger, and Y. Wind (2001), "Thirty years of conjoint analysis: reflections and prospects," *Interfaces*, **31**, May-June, S56-S73.
97. Krieger, A.M. and P.E. Green (2002), "A decision support model for selecting product/service benefit positionings," *European Journal of Operational Research*, **142**, 187-202.
98. Wind, Y., A.M. Krieger, and P.E. Green (2002), "Marketing Research in the Courtroom: A Case Study that Shows How Analytical Methods Can be Applied to the Law," *Marketing Research*, Spring, 28-33.
99. Green, P.E. and A. M. Krieger (2002), "What's right with conjoint analysis," *Marketing Research*, **14**, Spring, 24-27.
100. Krieger, A.M., M. Pollak and B. Yakir (2003), "Surveillance of a Simple Linear Regression," *Journal of the American Statistical Association*, **98**, 456-469.
102. Krieger, A.M., P.E. Green and L. Lodish (2003), "Consumer Evaluation of 'Really New' Services": The TrafficPulse System," *Journal of Marketing Services*, **17**, 6-36.
103. Krieger, A.M., P.E. Green and J. Wind (2003), "Dual Considerations," *Marketing Research*, **15**, Winter, 3-13.
104. Krieger, A.M. and P.E. Green (2005), "A Tactical Model for Resource Allocation and Its Application to Advertising Budgeting," *European Journal of Operations Research*, 935-949.
105. Small, D., J.L. Gastwirth, A.M. Krieger and P. Rosenbaum (2006), "Comparing Distributions, With and Without Assumptions," *Statistical Science*, 363-375.
106. Wang, L. and A.M. Krieger (2006), "Causal Conclusions are Most Sensitive to Unobserved Bivariate Covariates," *Statistics in Medicine*, **25**, 2257-2271.
107. Benjamini, Y., A.M. Krieger and D. Yekutieli (2006), "Adaptive Linear Step-up Procedures That Control the False Discovery Rate," *Biometrika*, **93**, 491-507.

108. Krieger, A.M. and Y. Benjamini (2006), "Skewness: Concepts and Measures," *Encyclopedia of Statistics*.
109. Small, Dylan S., Joseph L. Gastwirth, Abba M. Krieger and Paul R. Rosenbaum (2006), "R-Estimates vs. GMM: A Theoretical Case Study of Validity and Efficiency," *Statistical Science*, **21**, No. 3 (Aug., 2006), pp. 363-375.
110. Krieger, A.M. and Green, P. E. (2006), "A tactical model for resource allocation and its application to advertising budgeting," *European Journal of Operational Research*, **170**, No. 3, 935-949.
111. Gardner, A., A.M. Krieger, G. Vachtsevanos, and B. Litt (2006), "One-Class Novelty Detection for Seizure Analysis from Intracranial EEG," *Journal of Machine Learning Research*, **7**, No. 6, 1025-1044.
112. Wong, S., A. Gardner, A.M. Krieger and B. Litt (2007). A Stochastic Framework for Evaluating Seizure Prediction Algorithms Using Hidden Markov Models. *Journal of Neurophysiology*, **97**(3), 2525-2532.
113. Hu, Y., L. Lodish and A.M. Krieger (2007), "A Meta-Analysis of Real World TV Advertising Tests: A 15- Year Update," *Journal of Advertising Research*, **47**, No. 3, 341-353.  
*Journal of Advertising Research Best Paper of 2007.*
114. Litt, B. & Krieger, A.M. (2007). Of Seizure Prediction, Statistics, and Dogs: A Cautionary Tail. Invited Editorial, *Neurology*, **68**, 250-1.
115. Krieger, A.M., M. Pollak and E. Samuel-Cahn (2007), "Select Sets: Rank and File," *Annals of Applied Probability*, **17**, 360-385.
116. Krieger, A.M., M. Pollak and E. Samuel-Cahn (2008), "Beat the Mean: Sequential Selection by Better than Average Rules," *Journal of Applied Probability*, **46**, 244-259. A lengthier version, "Beat the Mean: Better the Average," appears in the Discussion Paper Series of the Federmann Center for the Study of Rationality, Hebrew University (#469 – Nov. 2007).
117. Small, D., J.L. Gastwirth, A.M. Krieger and P. Rosenbaum (2009), Simultaneous sensitivity analysis for observational studies using full matching or matching with multiple controls," *Statistics and the Interface*, **2**, 203-211.
118. Hu, Y., L. M. Lodish, A. M. Krieger and B. Hayati (2009), "An Update of Real-World TV Advertising Tests", *The Journal of Advertising Research*, **49**, No. 2, 29-34.
119. Krieger, A.M. and E. Samuel-Cahn (2009), "Secretary Problem of Minimizing Expected Rank: A Simple Suboptimal Approach with Generalizations," *Journal of Applied Probability*, **41**, No. 4, 1041-1058.

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120. Stacey, W.C., Lazarewicz, M.T., & Litt, B. (2009). Synaptic Noise and Physiological Coupling Generate High Frequency Oscillations in a Hippocampal Computational Model. *J Neurophysiology*, 102(4): 2342-57, October. PMID: 2775383.
121. Krieger, A.M., M. Pollak and E. Samuel-Cahn (2010), "Extreme(ly) Mean(ingful): Sequential Formation of a Quality Group," *Annals of Applied Probability*, 20, No 6, pp 2261-2294. A lengthier version appears in the Discussion Paper Series of the Federmann Center for the Study of Rationality, Hebrew University (# 478- March 2008).
122. Blanco, J.A., Stead, S.M., Krieger, A., Viventi, J., Marsh, R.W., Lee K., Worrell, G.A., & Litt, B. (2010). Unsupervised Classification of High Frequency Oscillations in Human Neocortical Epilepsy and Control Patients. *Journal of Neurophysiology*, 104(5), 2900-2912.
123. Stacey, W.C., Krieger, A., & Litt, B. (2011). Network recruitment to coherent oscillations in a hippocampal computer model. *Journal of Neurophysiology*, 105(4): 1464-81. PMID: PMC3075292.
124. Sodenheimer, N., Glatz, C., Tirone, J. E., Deardoff, M. A., Krieger, A. M., & Hakonarson, H. (2011). Mitochondrial Heteroplasmy is Widespread and Influenced by Aging. *Human Molecular Genetics*, 20(8),1653-1659.
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Kapelner, A., Krieger, A. A Matching Procedure for Sequential Experiments that Iteratively Learns which Covariates Improve Power {in review at Biometrics}

Kapelner, A., Sklar M., Krieger, A., Azriel, D. Optimal Rerandomization via a Criterion that Provides Insurance Against Failed Experiments. {in review at Journal of Statistical Planning and Inference}

Krieger, A., Azriel, D., Sklar, M., Kapelner, A. Improving the Power of the Randomization Test

Krieger, A., Azriel, D., Sklar, M., Kapelner, A. Better Experimental Design by Hybridizing Binary Matching with Imbalance Optimization

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Advanced Methods in Conjoint Analysis. Edited with Eric Bradlow published by Sage Press in honor of Paul Green (2017)

#### GRANTS:

Principal Investigator, Contract from the Environmental Protection Agency to Study Mathematical Models of Nuclear Pollution.

Awarded a Peat, Marwick and Mitchell grant for studying statistical auditing with J.G. Ramage and L.L. Spero.

Contributor to an Office of Naval Research Grant awarded to W.G. Cochran, Harvard University.

Contributor to a National Science Foundation Grant awarded to J.L. Gastwirth, George Washington University.

Contributor to a Census Bureau Grant awarded to J.L. Gastwirth, George Washington University.

Contributor to a National Science Foundation Grant awarded to Y. Wind, University of Pennsylvania.

Contributor to an Office of Naval Research Grant awarded to P. Kleindorfer, University of Pennsylvania.

National Science Foundation Grant for 1993-1994.

Principal Statistician on RO1 NS 041811 (NIH/NINDS), An Implantable Device to Predict and Prevent Seizures, Bioengineering Research Partnership 1/1/2007-12/31/2012, with direct costs of ~\$2 Million dollars.

Principal Investigator on a grant to study autism from the Simons Foundation. Three year grant renewable yearly approximately \$300,000 per year; 2008-2022.

Recipient of the Binational Science Foundation Grant with Adam Kapelner and David Azriel. 2020-2022.