

**WAYNE STATE UNIVERSITY  
PROFESSIONAL RECORD**

**Name:** Shlomo S. Sawilowsky  
**Office Address:** #371 EDUC  
Wayne State University  
Detroit, MI 48202

**Date Prepared:** 8 June 2020  
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**E-Mails:** shlomo@wayne.edu  
professorshlomo@gmail.com

**Department/College:** Educational Evaluation and Research, Theoretical and Behavioral Foundations, College of Education

**Present Rank and Date of Rank:** Professor (1997)

**WSU Appointment History**

**Year Appointed, Rank:** 1987, Assistant Professor

**Year Awarded Tenure:** 1993

**Year Promoted to Associate Professor:** 1992

**Year Promoted to Full Professor:** 1997

**Program Coordinator,** Educational Evaluation and Research: 1994 – 2009

**Interim Assistant Dean,** Division of Administrative and Organizational Studies, and Division of Theoretical and Behavior Foundations: January, 2008 – August, 2008

**Assistant Dean,** Division of Administrative and Organizational Studies, and Division of Theoretical and Behavior Foundations: January, 2009 – August, 2010

**Citizen of:** United States of America

**Certification/License**

1. *PStat* (Accredited Professional Statistician, American Statistical Association)
2. *CStat* (Chartered Statistician, Royal Statistical Society, UK)
3. *Chartered Scientist*, Science Council, UK
4. Amateur Radio, General License KE8CMQ, & UTC endorsement for 135.7 – 137.8 KHz and 472-479 KHz

**Signature:** \_\_\_\_\_ **Date:** 6/8/2020

## **Education**

June 1981 - August 1985

University of South Florida, College of Education.

Ph.D. in Curriculum and Instruction with program specialization in Educational Statistics, Measurement, Research, and Evaluation.

Cognate in Business Management, College of Business Administration, U.S.F.

Grade Point Average: Major: 3.7 Cognate: 3.8 (4.0 scale)

January 1980 - June 1981

University of South Florida, College of Education

Master's in Guidance and Counseling Education.

Electives in Measurement and Evaluation.

Grade Point Average: Major: 3.8 Electives: 4.0 (4.0 scale)

January 1975 - June 1979

Rabbinical College of America, 226 Sussex Avenue, Morristown, New Jersey. The Rabbinical College of America is accredited by the New Jersey State Board of Higher Education and the professional agency, AARTS, the Association of Advanced Rabbinical and Talmudical Schools.

Bachelor of Religious Studies.

Major in Talmudical Studies.

Minor in Religious Education.

Grade Point Average: Major: 3.5 Minor: 3.7 (4.0 scale)

Faculty Appointments at Other Institutions

August 1985 - August 1987

a. University of South Florida, College of Education, Institute for Instructional Research and Practice.

Visiting Assistant Professor and Institute Associate

Duties: Test development, mainframe and microcomputer applications in education, data analysis, survey research, linear equating, item bank development, statistical expertise.

b. University of South Florida, College of Education, Department of Measurement, Research, and Evaluation.

Adjunct Assistant Professor

Duties: Taught Undergraduate and Master's level measurement and evaluation for teachers; Master's level research in education.

August 1983 - August 1985

U.S.F., College of Education, Department of Measurement, Research, and Evaluation.

Adjunct Instructor

Duties: Taught Ph.D. level computer statistics (SPSS & SPSSx) and Undergraduate level measurement and evaluation for teachers.

### **Professional Society Memberships**

1. American Educational Research Association (AERA)
  - a. Division D Measurement and Evaluation
  - b. SIG/ Educational Statisticians
2. American Evaluation Association (AEA)
3. American Mathematical Association (AMA)
4. American Psychological Association (APA) Division 5, Measurement & Evaluation
5. American Psychological Society (APS)
6. American Statistical Association (ASA)\*
7. Mid-West Educational Research Association (MWERA)
8. National Council on Measurement in Education (NCME)
9. Psychometric Society
10. Royal Statistical Society (Fellow)\*
11. Society of Amateur Radio Astronomers (SARA)\*

### **Educational Association Memberships**

12. American Radio Relay League (ARRL)\*
13. Jewish Braille Institution International (JBI)\*
14. Vice Director, Radio Amateur Satellite Corporation North America (AMSAT- NA)\*
15. Radio Society of Great Britain (RSGB)\*

\* = currently active

### **Honors/Awards:**

1. 2017 Faculty Scholarship Award, College of Education, Wayne State University.
2. 2016 Lilly Conference on Evidence-Based Teaching and Learning Outstanding Poster Award, "The manufacturing integrated learning laboratory (MILL) as a model for STEM education," with Mukasa Emmanuel Ssemakula and Gene Liao.
3. 2013-2014 Nominated with Miodrag Lovric (Serbia) and C. R. Rao (India) for the Nobel Peace Prize by University of Botswana (Republic of Botswana), Universidade Federal de Pernambuco (Brazil), and University of Hyderabad (India).
4. 2004 American Educational Research Association Publications: Outstanding Professional Service Award
5. 2000-2002 Wayne State University: Distinguished Faculty Fellow
6. 1999 Wayne State University: Faculty Mentor Award
7. 1998 Wayne State University: Outstanding Graduate Mentor Award
8. 1997 Wayne State University College of Education: Award For Excellence In Teaching
9. 1995 Wayne State University President's Award: For Excellence In Teaching
10. 1995 Wayne State University: Career Development Award
11. 1987 Eleventh Annual Distinguished Papers, State and Regional Associations, American Educational Research Association: "The Rank Transform"
12. 1986 Distinguished Paper Award, Florida Educational Research Association: "Properties of the Rank Transformation Statistic in Factorial ANOVA"
13. 1981 Elected member of Phi Kappa Phi National Honor Society

### **Biographical Citations**

1. 2004 – 2019. *American Men & Women of Science. A biographical directory of today's leaders in physical, biological and related sciences.* 22<sup>nd</sup> – 36<sup>th</sup> editions. Thomson Gale.
2. 1990 *Who's Who in American Education*, Vol. II. National Reference Institute, 608.

### **I. Teaching**

**A. Years at Wayne State:** August, 1987 – present.

### **B. Years at Other Colleges/Universities:**

University of South Florida: August, 1983 - May, 1987.

### **C. Courses Taught At Wayne State**

#### **2. Graduate**

1. CED 8070, Advanced Seminar: Counseling Research (3 credit hours)

2. EER 7610, Evaluation and Measurement (2-3 credit hours)
3. EER 7620, Practicum in Evaluation (1-6 credit hours)
4. EER 7630, Fundamentals of Statistics (3 credit hours)
5. EER 7640, Fundamentals of Quantitative Research (3 credit hours)
6. EER 7650, Computer Use in Research (3 credit hours)
7. EER 7660, Advanced Statistics Lab (1 credit hour)
8. EER 7870, Fundamentals of Qualitative Research (3 credit hours)
9. EER 8700, Advanced Qualitative Evaluation: Theory & Practice (4 credit hours)
10. EER 8720, Advanced Quantitative Program Evaluation: Theory and Practice (3 credit hours)
11. EER 8760, Advanced Measurement I: Classical Measurement Theory (3 credit hours)
12. EER 8800, Variance and Covariance Analysis (4 credit hours)
13. EER 8820, Multivariate Analysis (4 credit hours)
14. EER 8860, Nonparametric, Permutation, Exact and Robust Methods (4 credit hours)
15. EER 8870, Advanced Measurement 2 (4 Credit Hours)
16. EER 8880, Monte Carlo Methods (1 credit hour)
17. EER 8900, Qualitative Design for School Research (3 credit hours)
18. EER 8910, Practicum in Qualitative Evaluation (5 credit hours)
19. EER 8992, Research and Experimental Design (3-4 credit hours)

#### **D. Dissertations/Theses Directed**

*Note:* Entries *without* page numbers are expected to be completed in 2019. (Methodology = Quantitative, Qualitative, or Mixed as indicated in parenthesis.)

#### Ph. D./Ed. D. Major Professor

1. Gabriel Attar (Ph. D.). (Quantitative). Evaluation of the Wayne State University Educational Evaluation Doctoral Program.
2. Jacqueline Dannis (Ed. D.). "Psychometrics of the *Aggressive Electronic Communication Scale*." (Quantitative)
3. Opeoluwa Fadeyi (Ph. D.). "Robustness and comparative statistical power of the repeated measures ANOVA and Friedman tests." (Quantitative)
4. Tia Finney (Ph. D.). "Comparison of longitudinal vs cross-section in tracking FTIACS." (Quantitative)
5. Lindsay Gietzen. (Ph. D.). "Success in graduate physician assistant programs: The use of remediation examinations." (Quantitative)
6. Stephanie J. Gilkey (Ed. D.). (Quantitative)
7. Anna Jochum (Ph. D.). "Change from individual vs group unit of analysis with small or missing cells." (Quantitative)

8. Lotfi Kerzabi (Ph. D.) "A maximum test of three non-parameteric two-sample procedures for ordinal data." (Quantitative)
9. Naresh Mahabir (Ph. D.). (Quantitative)
10. Sarah Maher (Ph. D.). Pilot evaluation of the computer-based assessment of non-cognitive attributes of health professionals (CANA-HP). (Quantitative)
11. Sarah Mashat. *Psychometric properties of an Arabic translation of the Adult Inventory of Procrastination Scale*. (Quantitative)
12. Kyle Moxley (Ph. D.). "Sample size and research design efficacy in crossover designs." (Quantitative)
13. Janet Payton (Ph. D.). "A Greenhouse-Geiser Huynh-Feld Maximum Test." (Quantitative)
14. Hassan Qadah (Ed. D.). ACT reliability, validity, and accountability of Nevada School Districts for 2015-2017. (Quantitative)
15. Claudia Viselli (Ph. D.). (Qualitative)
16. Wafa Alruwaili (Ed. D.). "Reliability and validity of an Arabic version of the Academic Motivation Scale (AMS) for Students at Al-Jouf University." 66 pp., 2020 (Quantitative)
17. Dustin Saalman (Ed. D.). "Advancing objectives-oriented evaluation with participatory evaluation methodology." 146 pp., 2019. (Mixed Methods)
18. Tiana Bosley (Ph. D.). "Comparative power analysis of the Friedman, Neave and Worthington match tests, trimmed means repeated measures ANOVA, and bootstrapping trimmed means repeated measures ANOVA tests." 220 pp., 2019. (Quantitative).
19. Christine Lewis (Ph. D.). "Reliability and validity of an evaluation capacity assessment instrument for principals of Title 1 schools in Michigan and the current distribution of evaluation capacity by poverty concentration." 83 pp., 2019, (Mixed Methods).
20. Ahmad Farooqi. (Ph. D.). "A comparative study of Kendall-Theil Sen Siegel vs. quantile regression with outliers." 138 pp., 2019. (Quantitative)
21. Susan Talley (Ph. D.). "Reporting number needed to treat in clinical trials published in physical therapy specific literature 1989 – 2018." 96 pp., 2019. (Quantitative)
22. Darryl Gardner (Ph. D.). "Beyond the four levels: An evaluation model for growth and sustainability." 48 pp, 2019. (Quantitative)
23. Kevin Carroll (Ph. D.). "Analysis of software usage by a R1 university's education faculty, administrators, and academic staff." 48 pp., 2019. (Quantitative)

24. Ingrid M. Macon (Ph. D.). "An instrument to select candidates for project-based learning in high school equivalence adult education programs." 55 pp., 2018. (Quantitative)
25. Kimberly Kleinhans (Ph. D.). "The logic model, participatory evaluation, and out of school art programs." 54 pp, 2018. (Quantitative)
26. Susan Harden (Ph. D.). "Comparison of readability indices with K-5 Science and Reading texts." 122 pp., 2018. (Quantitative)
27. Maurice Kavanagh (Ed. D.). "The effect of number of imputations on parameter estimates in multiple imputation with small samples." 142 pp., 2018. (Quantitative)
28. Mona King (Ed. D.). "A comparison of discriminant function analysis and logistic regression by categorizing the incarcerated mentally ill." 76 pp, 2018. (Quantitative)
29. Mohammed Almohazie (Ph. D.). "Reliability and validity of an Arabic translation of *Academic Self-Efficacy* (ASE) as a predictor of first-year college student's success as King Faisal University." 68 pp., 2018. (Quantitative)
30. Ayed Almoied (Ph. D.). Robustness and comparative power of Welch-Aspin, Alexander-Govern and Yuen tests under non-normality and variance heteroscedasticity." 168 pp, 2017. (Quantitative)
31. Mona Alamri (Ph. D.). Reliability and validity of an Arabic version of the Self-Determination Assessment – Internet (SDA-i)." 102 pp., 2017. (Quantitative)
32. Dong Li (Ph. D.). Robustness and power of the Student's t, Welch-Aspin, Yuen, Tukey's Quick, and Haga tests. 1,689 pp., 2016. (Quantitative).
33. Andrea King-Jimenez (Ed. D.). An evaluation of the predictors of placement in permanent supportive housing in the Detroit metropolitan communities. 48 pp., 2016. (Quantitative).
34. Elizabeth Moen (Ph. D.). Objective statistics for the measurement of agreement. 71 pp., 2016. (Quantitative)
35. Natosha Floyd (Ph. D.). "Reliability and validity of the *Teen Services Evaluation Tool*." 64 pp, 2016. (Quantitative).
36. Zsa-Zsa Booker (Ph. D). "A new logic model for change." 84 pp., 2016. (Quantitative)
37. Tammy Grace (Ph. D.). "Missing values imputation via chained equations." 104 pp., 2016. (Quantitative)
38. Hong Ye (Ph. D.). "Comparing Cox regression and discrete time survival models." 197 pp., 2016. (Quantitative)

39. Timberly Robinson (Ed. D.). "Meta-synthesis comparison of heterogeneous and homogenous sampling methods using multiple coding strategies and social media to understand learning experience of deaf and hard of hearing nursing students." 117 pp., 2016. (Qualitative)
40. Rachele Warren. (Ed. D., Curriculum & Instruction). "Acculturation and multiculturalism of Post-secondary students and the workforce." 152 pp., 2016. (Qualitative)
41. Zora Cvetkovski-Injic (Ph. D.) Development of the acute decompensated heart failure risk model for emergency room resident training. 2016, 184 pp. (Quantitative)
42. Holly Child. (Ph. D.). "Construct validity of the *Measures of Criminal Attitudes and Associates* scale." 65 pp., 2016. (Quantitative).
43. Heatherlun Uphold (Ph. D.). "Validation of the *Family Resource Scale*." 75 pp. 2015. (Quantitative).
44. Willie L. White, II (Ed. D.). "An evaluation of Wayne State University's Educational Evaluation and Research program," 153 pp., 2015. (Quantitative)
45. Chana Linda Lowenstein (Ph. D.). "Robustness and power comparison of the Mood-Westenberg and Siegel-Tukey tests," 424 pp., 2015. (Quantitative)
46. Anna Gersh (Ph. D.). "Construct validation of the *Continuous Improvement in Afterschool Settings* scale," 131 pp., 2014. (Quantitative)
47. Rasha Elhage (Ph. D.). "Assessment practices of students with learning disabilities in Lebanese private schools: A national survey," 253 pp., 2014. (Quantitative)
48. Carla Howe-Olivares (Ph. D.). "Validity of the *Educator Evaluation Instrument* in the state of West Virginia," 86 pp., 2014. (Quantitative)
49. Tanina Foster (Ph. D.). "Reliability and validity of the thin slice technique: Observational research on video-taped medical interactions," 71 pp., 2014. (Quantitative)
50. Joe Smith (Ph. D.). "Influence of target population misspecification on employee perceptions at a government facility," 109 pp., 2013. (Quantitative)
51. Valerie Felder (Ph. D.). "Descriptive statistical attributes of special education data sets," 123 pp., 2013. (Quantitative)
52. Daryle Alan Olson (Ph. D.). "The efficacy of select nonparametric and distribution-free research methods: examining the concomitant case of heteroscedasticity and effect of treatment." 287 pp, 2013. (Quantitative)
53. Jamie Gleason (Ph. D.). "The comparative power of the anova, permutation anova, and Kruskal-Wallis test." 85 pp., 2013. (Quantitative)



54. Norman Haidous (Ph. D.). "Robustness and power of the Kornbrot rank-difference, Wilcoxon signed-ranks, and t-tests." 75 pp., 2012. (Quantitative)
55. Savierpierre Maggio. (Ph. D.). "The t-Wilcoxon maximum test: Critical values and illustration." 49 pp., 2012. (Quantitative)
56. Jason Parrott (Ph. D.). "The effect of nonrandom selection of clusters in a two stage cluster design." 74 pp., 2012. (Quantitative)
57. Jason Capobianco (Ph. D.). "Robustness of the *Achievable Benchmark of Care* index using various measures of central tendency," 53 pp. 2012. (Quantitative)
58. Marvin Gibbs (Ph. D.). "MiBLSi program evaluation of participatory elementary schools from 2003-2009," 103 pp. 2012. (Quantitative)
59. Julie Smith (Ph. D.). "Reliability generalization: *Lapsus linguae*." 126 pp., 2011.
60. Linda Ellington. (Ph. D.). "Effects of non-normal distributions on tests of equivalence," 106 pp., 2011. (Quantitative)
61. Michael Lance (Ph. D.). "Type I and II robustness of the symmetrically-Winsorized t test using approximate vs. Monte Carlo derived critical values," 67 pp. 2010. (Quantitative)
62. Stephanie Wren (Ed. D.). "Type II robustness of  $h_0: \rho=0$  for non-normal distributions," 99 pp. 2010. (Quantitative)
63. Piper A. Farrell-Singleton. (Ph. D.). "Critical values for the two independent samples Winsorized t test," 58 pp., 2010. (Quantitative)
64. Frances Dolley (Ed. D.). "The effectiveness of implementing computer assistive technology in a high school special education classroom," 148 pp., 2010. (Quantitative)
65. Bulent Ozkan (Ph. D.). "Comparison of university researchers; and statistical consultants' diagnoses and applications on research problems," 63 pp., 2008. (Quantitative)
66. Roberta Foust. (Ed. D., Curriculum & Instruction). "Learning strategies, motivation, and self-reported academic outcomes of students enrolled in web-based coursework," 116 pp., 2008. (Quantitative)
67. Gregory Karapetian (Ph. D., EER/Kinesiology). "Heart rate variability as a non-invasive biomarker of sympatho-vagal interaction and a determinant of metabolic threshold," 141 pp, 2008. (Quantitative)
68. Shira Solomon. (Ph. D.). "Comparison of four methods for creating Z scores," 123 pp., 2008. (Quantitative)

69. Andree' Sampson. (Ed. D.). "A survey of Midwestern education graduate students' coping strategies and subsequent development of a three factor stress scale," 109 pp., 2007. (Quantitative)
70. Tana Jane Bridge. (Ph. D.). "Deconstructing the comparative power of the independent samples t test vs. the Wilcoxon Mann-Whitney test for shift in location," 77 pp., 2007. (Quantitative)
71. Lori Shingledeker Roy. (Ph. D.). "Algebra readiness assessment," 78 pp., 2007. (Quantitative)
72. Reza Ziaee. (Ph. D.). "Logistic regression versus Mantel-Haenszel differential item functioning (DIF) to predict length of stay for pneumonia, and acute myocardial infraction," 2007. (Quantitative)
73. Candice Pickens. (Ed. D., Curriculum & Instruction). "Predicting critical thinking via concept mapping," 79 pp., 2007. (Quantitative)
74. Dave Fluharty. (Ph. D.). "Simulation-based specifications for evaluating high stakes educational test results from a Bayesian epistemological framework," 208 pp., 2007. (Quantitative)
75. John Cuzzocrea. (Ph. D.). "Robustness to internal correlation structure of Sawilowsky's I test for trend in construct validity," 59 pp., 2007. (Quantitative)
76. Kevin Duwan Lawson. (Ph. D.). "Statistical inference for a linear function of medians: a comparison of the Maritz-Jarrett and Price-Bonett estimators," 117 pp., 2006. (Quantitative)
77. Michele Weber. (Ph. D.). "Robustness and power of the t, permutation t, and Wilcoxon tests," 74 pp., 2006. (Quantitative)
78. Andrew J. Tierman. (Ph. D.). "Testing for exponentiality using a two-moment estimator and a median-centered distance statistic," 319 pp., 2006. (Quantitative)
79. Calvin Holt. (Ed. D.). "Reliability and validity of the *Self Determination Student Scale* with an incarcerated delinquent population," 62 pp., 2006. (Quantitative)
80. Patricia A. Pelavin. (Ph. D.). "The management of nonnormal variables in structural equation modeling," 212 pp., 2006. (Quantitative)
81. Saydee J. Mends-cole. (Ed. D.). "Coverage and interval length of Welch's and Yuen's procedures for shift in location and change in scale for (un)equal sample sizes," 129 pp., 2006. (Quantitative)
82. Amittai Benami. (Ed. D., Curriculum & Instruction). "Longitudinal analysis of satisfaction, stress, and retention of teachers," 237 pp., 2006. (Mixed Methods)
83. Boris Shulkin. (Ph. D.). "Estimating a population median with a small sample," 90 pp., 2006. (Quantitative)

84. Jack Cullen Hill, Jr. (Ph. D.). "The effects of pseudorandom number generator and initial seed selection on Monte Carlo simulations," 223 pp., 2005. (Quantitative)
85. Stephanie Krol-Jersevic (Ed. D., Curriculum & Instruction). "Measuring oral communication apprehension in children," 89 pp., 2004. (Quantitative)
86. Karen Lee (Ph. D.). "Parametric and nonparametric IRT models for assessing differential item functioning," 113 pp., 2003. (Quantitative)
87. Bruce R. Fay (Ph. D.). "A Monte Carlo computer study of the power properties of six distribution-free and/or nonparametric statistical tests under various methods of resolving tied ranks when applied to normal and nonnormal data distributions." 528 pp, 2003. (Quantitative)
88. Jennifer M. Bunner (Ph. D.). "Forming a bracketed interval around the trimmed mean: Alternatives to  $S_w$ ," 112 pp., 2003. (Quantitative)
89. Rimma Novojenova (Ed. D.). "Measurement of teacher's personalization in the classroom environment," 152 pp., 2002. (Quantitative)
90. Kathy R. Peterson (Ph. D.). "A study of six modifications of the ART (aligned rank transform) used to test for interaction," 361 pp., 2001. (Quantitative)
91. Scott Compton (Ph. D.). "Type I error and power properties of seven two-sample tests when treatment affects location and scale," 276 pp., 2001. (Quantitative)
92. Karen Crawford (Ph. D.). "Measuring the inter-rater reliability of a data collection instrument developed to evaluate anesthetic outcomes, 114 pp., 2001. (Quantitative)
93. Jim Gullen (Ph. D.). "Goodness of fit indices as a one factor structural equation model," 61 pp., 2000. (Quantitative)
94. Frederick F. Strale, Jr. (Ph. D.). "Strategic learning theory utility: A criterion related validity study of the LASSI using Pearson correlations and structural equation models, 146 pp., 2000. (Quantitative)
95. Juanita M. Lyons (Ph. D.). "Methodology for the determination of the reliability of database derived data," 115 pp., 2000. (Quantitative)
96. Joseph Musial. (Ph. D.). "Comparing exact tests and asymptotic tests with colorectal cancer variables within the National Health and Nutrition Examination Survey III," 189 pp., 1999. (Quantitative)
97. Gail Fahoome. (Ph. D.). "A Monte Carlo study of twenty-one nonparametric statistics with normal and nonnormal data," 519 pp., 1999. (Quantitative)
98. Michael Wolf-Branigin (Ph. D.) "Measuring community inclusion of people with developmental disabilities in a spatial context," 147 pp., 1999. (Quantitative)

99. Cynthia Creighton (Ph. D.). "Critical thinking skills and learning styles of first-year students in weekend occupational therapy programs," 80 pp., 1999. (Quantitative)
100. William Cade. (Ph. D.). "Sampling procedures and Type I error rates (for nonnormal populations)," 81 pp., 1998. (Quantitative)
101. Anil N. F. Aranha. (Ph. D.). "Modeling self-determination among the elderly: A psychometric study of health care decision-making," 102 pp., 1998. (Quantitative)
102. Michael J. Nanna. (Ph. D.). "Robustness and comparative power properties of Hotelling's T2 versus the rank transformation test using real pre-post/post-test likert scale data," 215 pp., 1997. (Quantitative)
103. Todd Headrick. (Ph. D.). "Type I error and power of the rank transform analysis of covariance (ANCOVA) in a 3x4 factorial layout," 355 pp., 1997. (Quantitative)
104. Thilak Gunasekera (Ph. D.). "Effects of pretest sensitization associated with cooperative learning strategies on the achievement level of adult mathematics students," 97 pp., 1997. (Quantitative)
105. Margaret P. Posch. (Ph. D.). "Comparative properties of nonparametric statistics for analyzing the 2xc layout for ordinal categorical data," 78 pp., 1996. (Quantitative)
106. Patrick D. Bridge (Ph. D.). "The comparative power of the independent-samples t-test and Wilcoxon rank sum test in nonnormal distributions of real data sets in education and psychology," 113 pp., 1996. (Quantitative)
107. Uju P. Eke (Ph. D.). "A construct validation of *Self-Determination* instrument: Using adult substance abuse consumers in residential settings," 79 pp., 1996. (Quantitative)
108. Dennis J. Mullan (Ph. D.). "An investigation of a residential customer satisfaction model at an electric utility," 102 pp., 1995. (Quantitative)
109. Deborah L. Kelley (Ph. D.). "The comparative power of several nonparametric alternatives to the analysis of variance in a 2x2x2 layout," 214 pp., 1994. (Quantitative)
110. Sharonlyn Morgan-Harrison (Ph. D.). "Some construct validation evidence for two new measures of self-determination," 89 pp., 1994. (Quantitative)
111. Joyce Washington (Ed. D.). "Health education and measuring the effects of minority student self-concept as it relates to school performance," 104 pp., 1993. (Quantitative)

Ph. D./Ed. D. Dissertation Co-Chair or 2<sup>nd</sup> Advisor

112. Ali Bazzi (Ph. D.), 2020. (Co-Chair) (Quantitative)
113. Jude Inweregbu (Ph. D.), 2006. (Co-Chair) (Quantitative)

114. Jelani Jabari (Ph. D.), 2004. (Co-Chair) (Quantitative)
115. Hesham Gadelrab (Ph. D.), 2004. (Co-Chair) (Quantitative)
116. Timothy Nash, (Ed. D., Curriculum & Instruction), 2002. (2<sup>nd</sup> Advisor) (Quantitative)
117. Grover Proctor, Jr. (Ed. D., Curriculum & Instruction), 2002. (2<sup>nd</sup> Advisor) (Quantitative)
118. Ronald Thomas (Ph. D.), 1997. (Quantitative)
119. Mary Saleh (Ed. D., Curriculum & Instruction), 1993. (2<sup>nd</sup> Advisor) (Quantitative)
120. Robert West (Ph. D.), 1992. (Co-Chair) (Quantitative)

Ph. D. Cognate Advisor

121. Heather Hess-Chateauvert (Ph. D., Educational Psychology). (Quantitative). 2018.
122. Heidi Kattula (Ph. D., Educational Leadership & Policy Studies), 2011. (Quantitative)
123. Mary Pratt Cooney (Ph. D., Theatre), 1999. (Quantitative)

EER Doctoral Committee Member

124. Yolanda Bloodsaw (Ph. D.), 2015. (Qualitative)
125. Mary Montie (Ph. D.), 2013. (Qualitative)
126. Donna Coulter (Ph. D.), 2013. (Qualitative)
127. Deborah Mills (Ph. D.), 2013. (Qualitative)
128. Sibyl St. Clair (Ph. D.), 2011. (Qualitative)
129. Irwin Jopps (Ph. D.), 2005. (Quantitative)
130. Aloha Van Camp (Ph. D.), 2003. (Quantitative)
131. Jacqueline Drouin (Ph. D.), 2002. (Quantitative)
132. Edna Jackson-Gray (Ph. D.), 2000. (Quantitative)
133. Kathleen Cross (Ph. D.), 2000. (Quantitative).
134. Thomas Regan (Ph. D.), 1991. (Quantitative)

Non-EER Doctoral Committee Member (Quantitative/Qualitative)

*Note:* Entries w/o dates are in progress.

135. Aber Aljasser (Ph. D., Science Education). (Mixed Methods)
136. Kristina Jurkovic (Ph. D., Counselor Education). (Quantitative)
137. Dima Kassab (Ph. D., Science Education). (Mixed Methods).
138. Thad Wilhelm (Ph. D., Mathematics Education). (Quantitative)
139. Lea Yazigi Wood (Ph. D., Educational Psychology). (Quantitative)
140. Aviva Gordon (Ph. D., Learning Design Technology), 2020. (Qualitative)

141. Loubna Alkhatat (Ph. D., Counseling Education), 2019. (Quantitative)
142. Andrea Merritt (Ph. D., Gwynedd Mercy University), 2019. (Quantitative)
143. Elsie Aquino (Ph. D., Curriculum & Instruction), 2018. (Quantitative)
144. Daniel Long (Ed. D., Educational Leadership & Policy Studies), 2017. (Quantitative)
145. Olubusayo Olojo (Ph. D., Curriculum and Instruction). 2016. (Qualitative)
146. Theresa Frontera (Ph. D., Special Education), 2015. (Quantitative)
147. Sameerah S. Davenport (Ph. D., Counseling Education), 2015. (Quantitative)
148. Elizabeth Pearsall (Ed. D., Reading, Literature, Language), 2015. (Quantitative)
149. Rita Teague (Ed. D., Educational Leadership), 2015. (Quantitative)
150. Cheryl White (Ph. D., Educational Leadership & Policy Studies), 2015. (Quantitative)
151. Kirk Duncan (Ph. D., Counseling Education), 2014. (Quantitative)
152. Terrence McCabe (Ph. D., Counseling Education), 2014. (Quantitative)
153. Selin Sertgoz (Ph. D., Counseling Education), 2012. (Quantitative)
154. Barbara-Benita Craft (Ph. D., Counseling Education), 2012. (Quantitative)
155. Joy Inniss-Johnson (Ph. D., Counseling Education), 2012. (Quantitative)
156. Chijioke Chigbo (Ph. D., Rehabilitation Counseling), 2012. (Quantitative)
157. Tamela Powell (Ph. D., Special Education), 2011. (Quantitative)
158. Amy Macey (Ph. D., Counseling Education), 2011. (Quantitative)
159. Christina Gonzalez-Dekutoski (Ph. D., Curriculum & Instruction), 2011. (Quantitative)
160. Bede Ryan (Ph. D., Counseling Education), 2011. (Quantitative)
161. Michelle Corbine (Ph. D., Counseling Education), 2011. (Quantitative)
162. Shawn Kevin Wightman (Ed. D., Curriculum & Instruction), 2011. (Quantitative)
163. Cilene Rita (Ph. D., Counseling Education), 2010. (Quantitative)
164. Ann Chow (Ph. D., Instructional Technology), 2010. (Quantitative)
165. Geraldine Moultime, Mathematics Education, 2009. (Quantitative)
166. Vinep Kankam-Da-Costa (Ph. D., Counseling Education), 2008. (Quantitative)
167. Tami Wright (Ph. D., Counseling Education), 2008. (Quantitative)
168. Ruth Frasier (Ph. D., Counseling Education), 2006. (Quantitative)
169. Darren Lubbers (Ph. D., Educational Psychology), 2005. (Quantitative)
170. Gary Calven (Ph. D., Counseling Education), 2004. (Quantitative)
171. Mehasin Tatone (Ph. D., Counseling Education), 2002. (Quantitative)
172. David Rickman (Ph. D., Educational Psychology), 2000. (Quantitative)
173. David Bruno (Ph. D., Counseling Education), 2000. (Quantitative)
174. Tyrone Bell (Ph. D., Counseling Education), 2000. (Quantitative)

175. Katherine Van Hull (Ph. D., Counseling Education), 2000. (Quantitative)
176. John Autrey (Ed. D., Higher Education), 1999. (Quantitative)
177. Keith Wunderlich (Ph. D., Curriculum & Instruction), 1999. (Quantitative)
178. Wendy Singo (Ph. D., Counseling Education), 1998. (Quantitative)
179. Harry Capps (Ph. D., Counseling Education), 1998. (Quantitative)
180. Judith Olson (Ph. D., Curriculum & Instruction), 1998. (Quantitative)
181. Laurie Mastrogianis (Ph. D., Counselor Education), 1998. (Quantitative)
182. Mary Spence (Ph. D., Educational Psychology), 1997. (Quantitative)
183. Janet McPeck (Ph. D., Educational Psychology), 1997. (Quantitative)
184. Stephen White (Ph. D., Communication), 1997. (Quantitative)
185. Renay Zemaitis (Ph. D., Curriculum & Instruction), 1995. (Quantitative)
186. Larry Friedlander (Ph. D., Educational Psychology), 1995. (Quantitative)
187. Daniel Rosenbaum (Ph. D., Counseling Education), 1995. (Quantitative)
188. Mary Albrecht (Ph. D., Counseling Education), 1995. (Quantitative)
189. Mary Day (Ph. D., Counseling Education), 1994. (Quantitative)
190. Janet Haffner (Ph. D., Curriculum & Instruction), 1994. (Quantitative)
191. Darhyl Garrett (Ph. D., Counseling Education), 1994. (Quantitative)
192. Bernadette Spencer (Ed. D., Higher Education), 1993. (Quantitative)
193. Daisy Ellington (Ph. D., Counseling Education), 1993. (Quantitative)
194. John Cnockaert (Ph. D., Educational Psychology), 1993. (Quantitative)
195. Lawrence Wentworth (Ph. D., Educational Psychology), 1992. (Quantitative)
196. Carole Rowland (Ph. D., Counseling Education), 1992. (Quantitative)
197. Craig Mayes (Ph. D., Counseling Education), 1992. (Quantitative)
198. Earl Edison (Ed. D., Administration and Supervision), 1992. (Quantitative)
199. Ann West (Ph. D., Counseling Education), 1992. (Quantitative)
200. Dyan Aytch (Ph. D., Educational Psychology), 1992. (Quantitative)
201. Joan de Souza (Ph. D., Educational Psychology), 1991. (Quantitative)
202. Karen Furstenberg (Ph. D., Educational Psychology), 1991. (Quantitative)
203. Azara Santiago-Rivera (Ph. D., Counseling Education), 1991. (Quantitative)
204. Anita Poellnitz (Ph. D., Counseling Education), 1991. (Quantitative)
205. Janice Stafford (Ph. D., Instructional Technology), 1990. (Quantitative)

Ed. D./Ph. D. Advisor (pre-Qualifying Exam)

206. Mohammed Almohaimed (Ph. D.)
207. Ebraheem Attgafi (Ed. D.).
208. Eric Brown (Ed. D.). (Quantitative).
209. Geoffrey Clark (Ph. D.). (Quantitative).

- 210. Maurice Draughn (Ph. D.)
- 211. Michelle Dunaway (Ph. D.). (Quantitative)
- 212. Essa Faqeeh (Ed. D.).
- 213. Sumayhah Hadadi (Ph. D.).
- 214. Sharifa Harvey (Ed. D.). (Qualitative)
- 215. Matthew Haugh (Ph. D.). Quantitative.
- 216. Leon Hudson (Ed. D.) (Quantitative)
- 217. Juliette Murdock (Thorpe) (Ed. D.). (Qualitative)
- 218. Regina Martinez (Ph. D.) (Quantitative)
- 219. Jonathan Solomon (Ed. D.). (Qualitative)
- 220. Kelli Van Buren (Ph. D.). (Quantitative)
- 221. David Wassick (Ph. D.).

ABD

- 222. Michael Daeshlein, 1997.
- 223. Dell Alston, 2000.
- 224. Robert Fish, 2000.
- 225. Keith Williams, 2005.
- 226. Ifeyinwa Uke, 2005.
- 227. LaTonya Wallace-Hardiman, 2011.
- 228. Ndhela Kundisai, 2013.
- 229. David Felder, 2013 (Deceased).
- 230. Alice Abrams-Hunter, 2014.
- 231. Timothy Montgomery, 2018 (Deceased).

M. Ed. Theses/Projects Advisor

- 232. Shantel Spears. (Quantitative)
- 233. Abdulrahman Al Subaihi. (M. Ed.) "Assessing the reliability and validity of the Employee Satisfaction Questionnaire in Saudi Arabia, 2019, 38 pp. (Quantitative).
- 234. P. Monet Conner. (M. Ed.). Master's project. (Quantitative).
- 235. Marisa Henderson. (M. Ed.). "Emerging scholars program: Treisman workshop model performance for remedial and/or developmental college level mathematics." (Quantitative), 2018, 31 pp. (Quantitative)
- 236. Sultan Alahmadi. (M. Ed.). "Reliability of a survey of communication and financial difficulties of Saudi Arabian students in the United States. 2018, 38 pp., (2018).



237. Chelsea Chambers. (M. Ed.). "Effects of computerized testing on urban and suburban students." 2017, 37 pp. (Quantitative)
238. Chenguang Du. (M. Ed.). "Resilience as a mediator between social support and mental health among children affected by HIV/AIDS in China. 55 pp., 2016. (Quantitative).
239. Vincent Cahalan. (M. Ed.). "Assessing the reliability of the *COR Advantage*." 30 pp., 2015. (Quantitative)
240. Kristin Day Pokriefka. (M. Ed.). "Internal reliability and factor analysis of *The Personnel Skilled in Technology Survey*." 66 pp., 2014. (Quantitative)
241. Stacy Sharp. (M. Ed.). "Evaluating test anxiety instruments." 43 pp., 2014. (Quantitative)
242. Tiffany Davis. (M. Ed.) "A mother's perception: Cervical cancer vaccine as a school mandate." 33 pp., 2014. (Quantitative)
243. Brittany Maxey-Antoni. (M. Ed.) "Reliability analysis for the Brighton area schools *Algebra Placement Test*," 68 pp., 2011. (Quantitative)
244. Rose Maples. (M. Ed.). "Effectiveness of success for all education program in low income states," 51 pp., 2010. (Quantitative)
245. Maurice Kavanaugh. (M. Ed.). "A reliability study of multiple choice instruments used to assess Dolch word acquisition and reading interest in grades 3 and 4 school children," 58 pp, 2010. (Quantitative)
246. Angela E. Carey. (M. Ed.). "An analysis of linking formative and summative evaluations for program advancement," 37 pp., 2009. (Quantitative)
247. Tanisha Stacey Barrington. (M. Ed.) "The effects of translation on test scores by English-language and French-language students," 29 pp., 2008. (Quantitative)
248. Emily Bennett McEvoy. (M. Ed.) "Psychometric properties of a school improvement entrance and exit survey," 35 pp., 2007. (Quantitative)
249. Elizabeth Perkin Moen. (M. Ed.) "Wayne State University first-year freshmen retention Fall 2006 to Fall 2007: Using logistic regression to predict retention probabilities," 41 pp. 2008. (Quantitative)
250. Guifang Ding. (M. Ed.) "Reliability and validity of a survey for designing a global positioning system," 37 pp. 2007. (Quantitative)
251. Diane Dolinshek. (M. Ed.) "An instrument to assess physical therapists' knowledge and attitudes regarding phantom limb pain," 55 pp. 2006. (Quantitative)
252. Carla Howe. (M. Ed.) "Reliability and validity of test writing scores of Plymouth-Canton's Bridge program," 35 pp. 2006. (Quantitative)

253. Lawrence Schwartz, MD. (M. Ed.) "Simulation vs. traditional methods in assessing cardiac training," 50 pp. 2006. (Quantitative)
254. Tanina S. Foster. (M. Ed.). "Information seeking behavior and source preferences: A comparison to hints," 51 pp., 2004. (Quantitative)
255. Jennifer Curtis. (M. Ed.). "A comparative analysis of Walled Lake Consolidated Schools' mathematics assessment program and the state of Michigan's educational assessment program," 81 pp., 2004. (Quantitative)
256. Scott Millis, MD, Ph. D. (M. Ed.) Master's project. 2003. (Quantitative)
257. Robert Brickner. (M. Ed., Posthumously). Master's project. 2003. (Quantitative)
258. Simone Perry. (M. Ed.), "Parental involvement in primary inner-city school settings," 54 pp., 2002. (Quantitative)
259. Lena Tzortinis. (M. Ed.). Master's project. 2002. (Quantitative)
260. Maurice Lester. (M. Ed.), "Standard treatment plus relapse prevention: A summative evaluation," 58 pp., 2001. (Quantitative)
261. Donna Kueber. (M. Ed.) Master's project. 2001. (Quantitative)
262. Chantelle Morrison (M. Ed.), "The quantitative value of summer individual education plans (IEPS)," 38 pp., 2000. (Quantitative)
263. Gail Fahoome (M. Ed.), "Predicting mathematics MAT7 scores with the *MEAP* for Detroit Public Schools For 1994-1995 and 1996-1997," 39 pp., 1998. (Quantitative)
264. Donna M. Johnson (M. Ed.), "A meta-analytic review of differences between African-Americans and European-Americans on measures of intelligence," 97 pp., 1997. (Quantitative)
265. Scott Compton (M. Ed.), "A comparison of student achievement levels preceding animal dissection vs. computer simulated animal dissection laboratory techniques," 63 pp., 1996. (Quantitative)
266. Kevin M. Lane (M. Ed.), "The viability of the static push-up as a measure of upper body strength and endurance," 40 pp., 1994. (Quantitative)
267. Letetia D. Kemp (M. Ed.), "Newborn assessment from birth to six weeks," 37 pp., 1994. (Quantitative)
268. Gregg Milligan. (M. Ed.). Master's project. 1992. (Quantitative)
269. Iain K. Todd (M. Ed.), "A review of effect size in acquired immune deficiency syndrome research designs," 31 pp., 1992. (Quantitative)

M. Ed. Advisor (pre-Thesis)

270. Amanda Batts.
271. Zahara Dakroub.

- 272. Rachael Hone. (Quantitative)
- 273. Jayashree Kalwar.
- 274. Heather Manning. (Quantitative)
- 275. Emily Milligan. (Quantitative)
- 276. Sarah Mohler. (Quantitative)
- 277. Ksenia Niglas.
- 278. Eugene Noble.
- 279. Ilker Soy Turk.
- 280. Kelly Stec.
- 281. Patricia Young.

Wayne State University Graduate School Graduate Exhibition Presentations (Directed)

- 1. David Felder. (2010). How does modifying a mathematics curriculum impact students' success on standardized test preparation?
- 2. Valerie Felder. (2010). Effectively assessing and measuring students' reading progress. (2010)

Wayne State University Master's Showcase (Directed)

- 1. Chenguang Du. (2015). The development of the ability of mental rotation among deaf students in China. (2015).

Royal Statistical Society Graduate Statistician Mentor (2016 – present)

**E. Course of Curriculum Development**

2018

- 1. EER 1501. Quantitative and Research Methodology.

2016 – 2017

- 2. EER 4501 Quantitative and Qualitative Research, Measurement, and Program Evaluation.

1996 – 1998

- 3. EER 7660 Advanced Statistics Lab (1 hour). (Subsequently merged with associated courses)
- 4. EER 7900 (renamed EER 7870) Fundamentals of Qualitative Research (3 hours)
- 5. EER 8700 Advanced Qualitative Evaluation: Theory & Practice (3 hours)
- 6. EER 8760 Advanced Measurement I: Classical Measurement (3 hours)
- 7. EER 8770 Advanced Measurement II: Modern Measurement (4 hours)

8. EER 8860 Nonparametric, Permutation, Exact, & Robust Methods (4 hours)
9. EER 8880 Monte Carlo Methods (1 hour)
10. EER 8900 Qualitative Design for School Research (3 hours)
11. EER 8910 Qualitative Practicum in Evaluation (5 hours)

## **II: Research**

### **B. Funded Research (Grants/Contracts/Federal Earmarks)**

Entries in this section represent funding wherein I served as the PI, co-PI, program evaluator, or statistician. I co-wrote/conceptualized the proposal (e.g., technical soundness, program evaluation), responded to Program Officer prior to award, and/or my *c.v.* was submitted with the proposal.

#	PI/Co-PI/ Evaluator/ Statistician	Funding Agent	Title	Amount
	2019-2021			
1	<b>Sawilowsky, S. S.</b> , PI	Center for Gifted Education, College of William & Mary; E. E. Ford Foundation	A Matter of Equity	\$32,350
	2019-2020			
2	<b>Sawilowsky, S. S.</b> , PI	Algebra Nation	Algebra Nation – Michigan Data Analysis	\$11,000
	2017-2019			
3	PI: Jeffrey Ram, Sandra Rarema, co- PI, Amy Emmert, co-PI, Joan Chadde, co-PI, <b>Sawilowsky, S. S.</b> , Research Design/ Statistical Consultant	National Science Foundation, Division of Research on Learning	Promoting Student Interest in Science and Science Careers through a Scalable Place-based Environmental Educational Program at a Public Aquarium	\$1,199,834
	2015 – 2017			
4	PI: Cara Graninger; <b>Sawilowsky, S. S.</b> , Evaluation Specialist	W. K. Kellogg Foundation	Power of Arts- Infused Education	\$50,000
	2012-2017			
5	Graninger, C., P. I. (El Arte, Living Arts);	United Way for Southeastern Michigan,	El Arte Early Learning Expansion	\$800,000

	<b>Sawilowsky, S. S.</b> , Evaluation Specialist	U. S. Social Innovation Fund		
	2014-2016			
6	Ssemakula, M., P. I.; Liao, G., & <b>Sawilowsky, S. S.</b> , Co-P.I.s	Division of Undergraduate Education, National Science Foundation	Assessing the Learning Gains of Manufacturing Students in an Integrated Hands-On Curriculum	\$229,922
	2011-2016			
7	Roberts, S., P. I., et al.; <b>Sawilowsky, S.</b> <b>S.:</b> Wrote entire evaluation & technical soundness sections.	National Institute on Minority Health and Health Disparities	Gaining Options: Girls Investigate Real Life through Health related STEM Disciplines	\$1,800,000
	2014-2015			
8	Schwiebert, L., P. I., & <b>Sawilowsky, S. S.</b> & 8 other Co-P.I.s	Silicon Mechanics	High Performance Research Cluster Equipment Grant	\$190,000
	2014-2015			
9	Young, D., P. I. (University of Detroit- Mercy) <b>Sawilowsky, S. S.</b> Evaluation Specialist	U. S. Department of Health & Human Services, Health Careers Opportunity Program	Overcoming Disadvantaged Students' Obstacles from Entering Dentistry: III	\$241,411
	2013-2014			
10	Young, D., P. I. (University of Detroit- Mercy) <b>Sawilowsky, S. S.</b> Evaluation Specialist	U. S. Department of Health & Human Services, Health Careers Opportunity Program	Overcoming Disadvantaged Students' Obstacles from Entering Dentistry:II	\$238,000
	2012-2013			
11	Young, D., P. I. (University of Detroit- Mercy) <b>Sawilowsky, S. S.</b> Evaluation Specialist	U. S. Department of Health & Human Services, Health Careers Opportunity Program	Overcoming Disadvantaged Students' Obstacles from Entering Dentistry	\$224,000
	2007-2012			

12	P.I.: Young, R. (North Carolina State University). Co-P.I.s: Chelst, K., Royster, D. (NCSU), Edwards, T., & Norwood, K. (NCSU). Evaluation Specialist: <b>Sawilowsky, S. S.</b>	Division of Research on Learning in Formal and Informal Settings, DR-K12 Resources and Tools, National Science Foundation	Mathematics Instruction using Decision Science and Engineering (MINDSET)	\$2,388,945
	2011			
13	P. I: <b>Sawilowsky, S. S.</b>	College of Education Tech Mini Grant	Porting Rangen and Realpops from Fortran 90 to CUDA Fortran 2008 for the NVIDIA GPU	\$2,000
	2009-2011			
14	Field, S., P. I. Co.-P.I.'s: Boutelle, K., & <b>Sawilowsky, S.</b>	Merck-Horton Center for Teaching and Learning, St. George's School, Newport, RI	Maximizing Achievement in a Rigorous Academic Program: The Critical Role of Executive Function & Independent Engagement.	\$70,034
	2008-2011			
15	Ssemakula, M. E., P. I.; Liao, G., Kim, K.-Y., Ellis, R. D, & <b>Sawilowsky, S. S.</b> , Co-P.I.s	Division of Undergraduate Programs (DUE), National Science Foundation	Flexible Adaptation Framework for Implementing the Learning Factory - Based Manufacturing Education	\$239,991
16	Greene, M. L., P. I., et al. (Marygrove College); <b>Sawilowsky, S. S.</b> , Evaluation Specialist	United Way	Institute for Arts Infused Education	\$24,000
	2010			
17	Shemtov, L. (Friendship Circle), P. I.;	Federal Earmark: Department of Commerce,	The Friendship Circle Self-Determination Anti-Bullying in	\$150,000

	<b>Sawilowsky, S. S.</b> , Sole Author & Evaluation Specialist	Justice, & Science	LifeTown (SAIL) Year 2	
	2008-2010			
18	P. I.: Field-Hoffman, S. Co-P.I.: <b>Sawilowsky, S. S.</b>	Edge Foundation	Quantifying the Effectiveness of Coaching for College Students with Attention Deficit/Hyperactivity Disorder	\$303,308
	2009			
19	Shemtov, L. (Friendship Circle), P. I.; <b>Sawilowsky, S. S.</b> , Sole Author & Evaluation Specialist	Federal Earmark: Department of Commerce, Justice, & Science	The Friendship Circle Self-Determination Anti-Bullying in LifeTown (SAIL)	\$820,000
	2007-2010			
20	P. I: <b>Sawilowsky, S. S.</b>	U. S. Department of Education Office of Innovation & Improvement	Northwest Suburban Independent School District, MN, Magnet School Rigorous Evaluation	\$350,000
21	P. I: <b>Sawilowsky, S. S.</b>	U. S. Department of Education Office of Innovation & Improvement	Cleveland, MS School District Magnet School Rigorous Evaluation	\$350,000
	2004			
22	P.I.: Somers, C., Co-PI: <b>Sawilowsky, S. S.</b>	DHHS Office of Population Affairs, Center for Scientific Review, National Institutes of Health	An Experiential Teenage Pregnancy Prevention Experiment. Program extension	\$20,000
	2002-2004			
23	P.I.: Field, S. Co-PI's.: Hoffman, A., & <b>Sawilowsky, S. S.</b>	Office of Special Education and Rehabilitation Services, U. S. Department of Education	Research On Self- Determination In Elementary Settings	\$540,000

	2003			
24	P.I.: Somers, C., Co-PI: <b>Sawilowsky, S. S.</b>	DHHS Office of Population Affairs, Center for Scientific Review, National Institutes of Health	An Experiential Teenage Pregnancy Prevention Experiment	\$100,000
	1999-2001			
25	P.I.: Field, S. Co-PI's.: Hoffman, A., & <b>Sawilowsky, S. S.</b>	Office of Special Education and Rehabilitation Services, U. S. Department of Education	Promoting self- determination for students, teachers, and administrators through pre-service and in-service personnel preparation	\$600,000
	1996-1999			
26	P.I.: Field, S. Co-PI's.: Hoffman, A., & <b>Sawilowsky, S. S.</b>	Office of Special Education and Rehabilitation Services, U. S. Department of Education	Promoting Successful Outcomes Through Self-determination For At-Risk Youth with disabilities	\$450,000
	1994-1997			
27	P.I.: Field, S. Co-PI's.: Hoffman, A., & <b>Sawilowsky, S. S.</b>	Office of Special Education and Rehabilitation Services, U. S. Department of Education	Promoting Self- determination for students with disabilities: Implementation of Steps to Self- Determination	\$300,000
	1996			
28	P.I.: <b>Sawilowsky, S. S.</b>	WSU Travel Grant	International Conference on Multiple Comparisons, Tel Aviv	\$500
	1995			
29	P. I.: <b>Sawilowsky, S. S.</b> (P. I.), & Wolf- Branigin, M. (coP. I.)	State of Michigan Medical Services Administration; Harbor	Consumer-Driven Substance Abuse Treatment	\$24,000



		Light Center, Salvation Army, Detroit, MI	Demonstration Project	
	1992-1995			
30	P.I.'s: Daeshlein, M., & Sawilowsky, S. S.	Office of Special Education and Rehabilitation Services, U. S. Department of Education	Peer Support For Student-Centered Transition Planning	\$387,950
	1994			
31	P.I.: Sawilowsky, S. S.	Field Initiated Studies, U. S. Department of Education	Assessing Detroit's Model Middle School: The Evaluation of the WSU Public School	\$90,000
	1992-1994			
32	Co-P.I.'s: Field, S., Sawilowsky, S. S., & Hoffman, A.	Office of Special Education and Rehabilitation Services, U. S. Department of Education	Research in Self-Determination	\$413,112
	1991-1993			
33	P.I.: Sawilowsky, S. S.	WSU	College of Education Assessment	\$80,858
	1990-1993			
34	P.I.: Field, S. Co-PI's.: Hoffman, A., & Sawilowsky, S. S.	Office of Special Education and Rehabilitation Services, U. S. Department of Education	Skills and Knowledge For Self-Determination	\$349,350
	1991			
35	P. I.: Sawilowsky, S. S.	WSU	Instructional Equipment Grant	\$8,950
36	P. I.: Sawilowsky, S. S.	College of Education	Instructional Equipment Grant	\$8,590
	1987-1988			
37	P.I.: Sawilowsky, S. S.	WSU	Equipment Grant	\$10,000
38	P.I.: Sawilowsky, S. S.	WSU Graduate School	Equipment Grant	\$1,500

39	P.I.: <b>Sawilowsky, S. S.</b>	WSU College of Education	Equipment Grant	\$1,500
40	P.I.: <b>Sawilowsky, S. S.</b>	WSU College of Education	Equipment Grant	\$300
	<b>TOTAL</b>			<b>\$13,101,395</b>

### **III: Research**

#### **A. Books Published**

##### 1. Authored

1. **Sawilowsky, S. S.** (2007). Making the *Shabbos* kitchen. (With editorial assistance by Yechiel Conway.) Lakewood, NJ: *Pirchei Shoshanim*.
2. **Sawilowsky, S. S.**, & Fahoome, G. F. (2003). *Statistics via Monte Carlo simulation with Fortran*. Rochester Hills, MI: JMASM.

##### 2. Co-Authored

3. Schwartz, L., & **Sawilowsky, S. S.** (2010). Randomized comparison trial of CBL v HPS in medical education: A study of the effectiveness of new technology in medical education. Germany: VDM Verlag. (Monograph). ISBN-13: 978-3-639-04278-8.
4. Ogunyemi, O. A., & **Sawilowsky, S. S.** (1990). Detroit compact: Improving urban education through collaboration. Pennsylvania Academy for the Profession of Teaching Urban Education. (Monograph)

#### **B. Chapters Published**

##### 1. Authored

5. **Sawilowsky, S. S.** (2007). Reflections on real data analysis. In S. Sawilowsky (Ed.) *Real data analysis*. American Educational Research Association Educational Statisticians. Washington, DC: InfoAge Publishing, p. ix-xxii.
6. **Sawilowsky, S. S.** (2007). ANOVA: Effect sizes, interaction vs. main effects, and a modified ANOVA table. In S. Sawilowsky (Ed.) *Real data analysis*. American Educational Research Association Educational Statisticians. Washington, DC: InfoAge Publishing, p. 191-212.
7. **Sawilowsky, S. S.** (2007). ANCOVA and quasi-experimental design: The Legacy of Campbell and Stanley. In S. Sawilowsky (Ed.) *Real data analysis*. American Educational Research Association Educational Statisticians. Washington, DC: InfoAge Publishing, p. 213-238.
8. **Sawilowsky, S. S.** (2002). Reliability as psychometrics vs datametrics. In (B. Thompson, Ed.) *Score reliability: contemporary thinking on reliability issues*. Thousand Oaks, CA: Sage.

9. **Sawilowsky, S. S.** (2002). Reliability. In (B. Thompson, Ed.) *Score reliability: contemporary thinking on reliability issues*. Thousand Oak: Sage.

## 2. Co-Authored

10. **Sawilowsky, S. S.**, & Spence, P. R. (2007). Controlling experiment-wise type I errors: Good advice for simultaneous and sequential hypothesis testing. In S. Sawilowsky (Ed.) *Real data analysis*. American Educational Research Association Educational Statisticians. Washington, DC: InfoAge Publishing, p. 155-162.

## **C. Editorship of Books/Proceedings**

11. **Sawilowsky, S. S.** (Ed.). (2007). *Real data analysis*. A Volume in Quantitative Methods in Education and the Behavioral Sciences: Issues, Research, and Teaching, American Educational Research Association Educational, Educational Statisticians. Greenwich, CT: Information Age Publishing.

## **D. Journal Articles Published**

### 1. Refereed

12. Baier, S., Gonzales, S., & **Sawilowsky, S. S.** (2019). Impact of classroom learning communities on developmental students. *Journal of Developmental Education*, 42(3), 2-28.
13. **Sawilowsky, S. S.** (2018). A primer on effect sizes. *Journal of Modern Applied Statistical Methods*, 17(2).
14. Greene, M. L., & **Sawilowsky, S. S.** (2018). Integrating the arts into head start classrooms produces positive impacts on kindergarten readiness. *Early Childhood Research Quarterly*. <https://doi.org/10.1016/j.eresq.2018.01.003>.
15. Ssemakula, M., Liao, Y-J., & **Sawilowsky, S. S.** (2018). Development of psychometrically validated standardized test instruments for outcomes assessment in experiential engineering education. *American Journal of Engineering Education*, 9(1), 1-10.
16. Mayberry, M. E., Young, D. D., **Sawilowsky, S. S.**, & Hoelscher, D. (2018). Exposure of seventh and eighth grade urban youth to oral health profession careers. *Journal of Dental Education*, 82, 39-46. DOI:10.21815/JDE.018.006
17. Maggio, S., **Sawilowsky, S. S.**, & Bhandari, G. (2017). JMASM 50: A web-based shiny application for conducting a two dependent samples maximum test. (R). *Journal of Modern Applied Statistical Methods*, 16(2), 576-579.
18. Rose, S. A., Markman, B. S., & **Sawilowsky, S. S.** (2017). Limitations in the systematic analysis of structural equation model fit indices. *Journal of Modern Applied Statistical Methods*, 16(1), 69-85. Doi: 10.22237/jmasm/1493597040
19. Lowenstein, L. C., & **Sawilowsky, S. S.** (2017). Robustness and power comparison of the Mood-Westenberg and Siegel-Tukey tests. *Journal of Modern Applied Statistical Methods*, 16(1), 194-232. doi: 10.22237/jmasm/1493597460

20. Zirpoli, G., Treister, R., Lodahl, M., Lang, M., **Sawilowsky, S. S.**, Campbell, E., Tworoger, S. S., & Oaklander, A. L. (April 26, 2017). Validation and continuing development of a patient-reported survey of small-fiber polyneuropathy symptom. *Neurology*, 88 (16 Supplement), 4.317.
21. Treister, R., Lodahl, M., Lang, M., Tworoger, S. S., **Sawilowsky, S. S.**, & Oaklander, A. L. (2017). Initial development and validation of a patient-reported symptom survey for small-fiber polyneuropathy. *The Journal of Pain*, 18(5), 556-563. dx.doi.org/10.1016/j.jpain.2016.12.014
22. Treister, R., Nielsen, C. S., Stubhaug, A., Farra, J., Pud, D., **Sawilowsky, S. S.**, & Oaklander, A. L. (2016). Response to the Editor: Experimental comparison of parametric versus nonparametric analysis of data from the Cold Pressor test. *The Journal of Pain*, 17(1), 537-548. Doi: 10.1016/j.jpain.2015.10.004
23. ElSaheli-Elhage, R., & **Sawilowsky, S. S.** (2016). Assessment practices for students with learning disabilities in Lebanese private schools. A national survey. *Cogent Education*, 3, 1261568. doi.org/10.1080/2331186x.2016.1261568.
24. **Sawilowsky, S. S.** (2016). Rao-Lovric and the triwizard point null hypothesis tournament. *Journal of Modern Applied Statistical Methods*, 15(2), 22-32.
25. Lorenz, A. J., Markman, B. S., & **Sawilowsky, S. S.** (2015). Caution for software use of new statistical methods (R). *Journal of Modern Applied Statistical Methods*, 14(2), 275-281.
26. Felder, V., & **Sawilowsky, S. S.** (2015). Special education distributions and analysis. *Journal of Modern Applied Statistical Methods*, 14(1), 238-252.
27. Treister, R., Nielsen, C. S., Stubhaug, A., Farrar, J., Pud, D., **Sawilowsky, S.**, & Oaklander, A. L. (2015). Experimental comparison of parametric versus nonparametric analyses of data from the cold pressor test. *The Journal of Pain*, 16(6), 537-548.
28. Gonzales, S. M., Brammer, E. C., & **Sawilowsky, S. S.** (2015). Belonging in the academy: Building a "casa away from casa" for Latino/a undergraduate students. *Journal of Hispanic Higher Education*, 14(3) 223-239, DOI: 10.1177/1538192714556892.
29. Maggio, S., & **Sawilowsky, S. S.** (2014). JMASM 33: A two dependent samples maximum test calculator: Excel. *Journal of Modern Applied Statistical Methods*, 13(1), 514-518.
30. Maggio, S., & **Sawilowsky, S. S.** (2014). A new maximum test via the dependent sample t-test and the Wilcoxon sign-rank test. *Applied Mathematics*, 5, 110-114. DOI: 10.4236/am.2014.51013
31. Parrott, J., & **Sawilowsky, S. S.** (2014). Consequences of violating randomization in cluster sampling. *British Journal of Mathematics and Computer Science*, 4, 841-848.

32. Haidous, N. N., & **Sawilowsky, S. S.** (2013). Robustness and power of the Kornbrot rank difference, signed ranks, and dependent samples t-test. *American Journal of Applied Mathematics and Statistics*, 1(5), p. 99-102. DOI:10.12691/ajams-1-5-4
33. Lance, M., Farrell-Singleton, P. & **Sawilowsky, S. S.** (2013). New critical values for the winsorized t-test. *British Journal of Applied Science & Technology*, 4(1), 113-126.
34. Hoffman, S. F., Parker, D. R., **Sawilowsky, S. S.**, & Rolands, L. (2013). Assessing the impact of ADHD coaching services on university students' learning skills, self-regulation, and well-being. *Journal of Postsecondary Education and Disability*, 26(1), 67-81.
35. **Sawilowsky, S. S.** (2012). S-index: A comprehensive scholar impact index. *International Review of Social Sciences and Humanities*, 3(1), 85-95.
36. Hill, J. C., & **Sawilowsky, S. S.** (2011). Bias in Monte Carlo simulations due to pseudo-random number generator initial seed selection. *Journal of Modern Applied Statistical Methods*, 10(1), 29-50.
37. Parker, D. R., Field Hoffman, S., **Sawilowsky, S. S.**, & Rolands, L. (2011). Self-control in postsecondary settings: Students' perceptions of ADHD college coaching. *Journal of Attention Disorders*, 17(3), 215-232. doi:10.1177/1087054711427561.
38. Parker, D. R., Field Hoffman, S., **Sawilowsky, S. S.**, & Rolands, L. (2011). An examination of the effects of ADHD coaching on university students' executive functioning. *Journal of Postsecondary Education and Disability*, 24(2), 115-132.
39. Ssemakula, M., Liao, G., Ellis, D., Kim, K., Aguawa, C., & **Sawilowsky, S. S.** (2011). Manufacturing integrated learning laboratory (MILL): A framework for determination of core learning outcomes in engineering curricula. *International Journal of Engineering Education*, 27(2), 323-332.
40. **Sawilowsky, S. S.** (2011). Statistical re-analysis of Jewish priests' and non-priests' haplotypes using exact methods. *Sage Open*. doi: 10.1177/2158244011413475, 1-3.
41. **Sawilowsky, S. S.** (2009). New effect size rules of thumb. *Journal of Modern Applied Statistical Methods*, 8(2), 597 – 599.
42. Solomon, S., R., & **Sawilowsky, S. S.** (2009). Impact of rank-based normalizing transformations on the accuracy of test scores. *Journal of Modern Applied Statistical Methods*, 8(2), 448 – 462.
43. Grace, T., & **Sawilowsky, S. S.** (2009). Data error prevention and cleansing: Overview for instructors of statistics and their students. *Model Assisted Statistics and Applications*, 4(4), 303-312.
44. Shulkin, B., & **Sawilowsky, S. S.** (2009). Estimating a population median with a small sample. *Model Assisted Statistics and Applications*, 4(2), 143-155.

45. Cuzzocrea, J., & **Sawilowsky, S. S.** (2009). Robustness to non-independence and power of the I test for trend in construct validity. *Journal of Modern applied Statistical Methods*, *8*(1), p. 187-198.
46. Fatal-Weber, M., & **Sawilowsky, S. S.** (2009). Comparative statistical power of the independent t, permutation t, and Wilcoxon tests. *Journal of Modern Applied Statistical Methods*, *8*(1), 21-26.
47. Cooney, M. P., & **Sawilowsky, S. S.** (2005). Process drama and actor training. *Youth Theatre Journal*, *19*, 55-70.
48. Knapp, T., & **Sawilowsky, S. S.** (2005). Letter to the editor. *Journal of Nursing Measurement*, *12*(2), 7-8.
49. **Sawilowsky, S. S.** (2005). Misconceptions leading to choosing the t test over the Wilcoxon Mann-Whitney U test for shift in location parameter. *Journal of Modern Applied Statistical Methods*, *4*(2), 598-600.
50. **Sawilowsky, S. S.** (2004). A conversation with R. Clifford Blair on the occasion of his retirement. *Journal of Modern Applied Statistical Methods*, *3*(2), 518-566.
51. Mason, C., Field, S., & **Sawilowsky, S. S.** (2004). Implementation of self-determination activities and student participation in IEPs: Practice and attitudes of educators. *Exceptional Children*, *70*, 441-451.
52. **Sawilowsky, S. S.** (2004). Teaching Random Assignment: Do You Believe It Works? *Journal of Modern Applied Statistical Methods*, *3*(1), 221-226.
53. Washburn-Ormachea, J.M., Hillman, S. B., & **Sawilowsky, S. S.** (2004). Gender and gender-role orientation differences on adolescents' coping with peer stressors. *Journal of Youth and Adolescence*, *33*(1), 31-40.
54. Bridge P. D., Musial, J., Roe T., Frank, R., & **Sawilowsky, S. S.** (2003). Measurement practices: Methods for developing content valid student examinations. *Medical Teacher*, *25*, 277-284.
55. Compton, S., & **Sawilowsky, S. S.** (2003). Do not discourage the use of p-values. *Annals of Emergency Medicine*, *41*(4), 584.
56. **Sawilowsky, S. S.** (2003). Deconstructing arguments from the case against hypothesis testing. *Journal of Modern Applied Statistical Methods*, *2*(2), 467-474.
57. **Sawilowsky, S. S.** (2003). A different future for social and behavioral science research. *Journal of Modern Applied Statistical Methods*, *2*(1), 128-132.
58. **Sawilowsky, S. S.** (2003). You think you've got trivials? *Journal of Modern Applied Statistical Methods*, *2*(1), 218-225.
59. **Sawilowsky, S. S.** (2003). Trivials: The birth, sale, and final production of meta-analysis. *Journal of Modern Applied Statistical Methods*, *2*(1), 242-246.
60. **Sawilowsky, S. S.** (2002). Fermat, Schubert, Einstein, and Behrens-Fisher: The probable difference between two means when. *Journal of Modern Applied Statistical Methods*, *1*(2), 461-472.

61. **Sawilowsky, S. S.** (2002). A quick distribution-free test for trend that contributes evidence of construct validity. *Measurement and Evaluation in Counseling and Development, 35*, 78-88.
62. Somers, C. L., Johnson, S. A., & **Sawilowsky, S. S.** (2002). A measure for evaluating the effectiveness of teen pregnancy prevention programs. *Psychology in the Schools, 32*, 337-342.
63. **Sawilowsky, S. S.** (2002). A measure of location relative efficiency for location of a single sample. *Journal of Modern Applied Statistical Methods, 1*(1), 52-60.
64. **Sawilowsky, S. S.**, & Yoon, J. (2002). The trouble with trivials ( $p > .05$ ). *Journal of Modern Applied Statistical Methods, 1*(1), 143-144.
65. **Sawilowsky, S. S.**, & Markman, B. S. (2002). Using the t test with uncommon sample sizes. *Journal of Modern Applied Statistical Methods, 1*(1), 145-146.
66. Bunner, J., & **Sawilowsky, S. S.** (2002). Alternatives to  $S_w$  in the confidence interval of the trimmed mean. *Journal of Modern Applied Statistical Methods, 1*(1), 182-187.
67. Knapp, T. R., & **Sawilowsky, S. S.** (2001). Strong arguments: Rejoinder to Thompson. *Journal of Experimental Education, 70*, 94-95.
68. Knapp, T. R., & **Sawilowsky, S. S.** (2001). Constructive criticisms of methodological and editorial practices. *Journal of Experimental Education, 70*, 65-79.
69. Headrick, T., & **Sawilowsky, S. S.** (2000). Properties of the rank transformation in factorial analysis of covariance. *Communications in Statistics: Simulation and Computation, 29*, 1059-1088.
70. Headrick, T., & **Sawilowsky, S. S.** (2000). Weighted simplex procedures for determining boundary points and constants for the univariate and multivariate power methods. *Journal of Educational and Behavioral Statistics, 25*(4), 417-436.
71. **Sawilowsky, S. S.** (2000). Reliability. *Educational and Psychological Measurement, 60*, 196-200.
72. **Sawilowsky, S. S.** (2000). Psychometrics vs. datametrics. *Educational and Psychological Measurement, 60*, 157-173.
73. **Sawilowsky, S. S.** (2000) Review of the rank transform in designed experiments. *Perceptual and Motor Skills, 90*, 489-497.
74. Novojenova, R., & **Sawilowsky, S. S.** (1999). Measurement of influence of the teacher's personality on students in the classroom. *Social Behavior and Personality: An International Journal, 27*, 533-543.
75. Bridge, P. K., & **Sawilowsky, S. S.** (1999) Increasing physician's awareness of the impact of statistical tests on research outcomes: Investigating the comparative power of the Wilcoxon Rank-Sum test and independent samples t-test to violations from normality. *Journal of Clinical Epidemiology, 52*, 229-236.
76. Headrick, T. C. & **Sawilowsky, S. S.** (1999). Simulating correlated nonnormal distributions: Extending the Fleishman power method. *Psychometrika, 64*, 25-36.

77. Posch, M. A., & **Sawilowsky, S. S.** (1999). Measuring change with 2xc designs. *Perceptual and Motor Skills, 88*, 559-560.
78. Nanna, M., & **Sawilowsky, S. S.** (1998). Analysis of Likert scale data in disability and medical rehabilitation evaluation. *Psychological Methods, 3*, 55-67.
79. Hillman, S. B., Wood, P. C., & **Sawilowsky, S. S.** (1998). The Protective-Style Questionnaire: Self-protective mechanisms among stigmatized adolescents. *Social Behavior and Personality: An International Journal, 26*, 29-38.
80. Kelley, D. L., & **Sawilowsky, S. S.** (1997). Nonparametric alternatives to the F statistic in analysis of variance. *Journal of Statistical Computation and Simulation, 58*, 343-359.
81. Bridge, P. K., & **Sawilowsky, S. S.** (1997). Revisiting the t test on ranks as an alternative to the Wilcoxon rank-sum test. *Perceptual and Motor Skills, 85*, 399-402.
82. Brown, M. T., Eisenberg, A., & **Sawilowsky, S. S.** (1997). Traditionality and the discriminating effect of expectations of occupational success and occupational values for women within math-oriented fields. *Journal of Vocational Behavior, 50*, 418-431.
83. Wood, P. C., Hillman, S. B., & **Sawilowsky, S. S.** (1996). Locus of control, self-concept, and self-esteem among at-risk African-American adolescents. *Adolescence, 31*, 597-604.
84. Novojenova, R., & **Sawilowsky, S. S.** (1996). Unplanned imparting of teacher's personality to students in a Russian school. *Psychological Reports, 78*, 683-687.
85. Wood, P. C., Hillman, S. B., & **Sawilowsky, S. S.** (1995). Comparison of self-esteem scores: American and Indian Adolescents. *Psychological Reports, 76*, 367-370.
86. **Sawilowsky, S. S.**, Kelley, D. L., Blair, R. C., & Markman, B. S. (1994). Meta-analysis and the Solomon four-group design. *Journal of Experimental Education, 62*, 361-376.
87. Hillman, S. B., Wood, P. C., & **Sawilowsky, S. S.** (1994). Attributional style of African-American adolescents. *Social Behavior and Personality: An International Journal, 22*, 163-176.
88. Wolf-Branigin, M., & **Sawilowsky, S. S.** (1994). Perceived importance of self-determination factors by consumers in substance-abuse treatment. *Perceptual and Motor Skills, 79*, 284-286.
89. Blair, R. C., & **Sawilowsky, S. S.** (1993). Comparison of two tests useful in situations where a treatment is expected to increase variability relative to controls. *Statistics in Medicine, 12*, 2233-2243.
90. Blair, R. C., & **Sawilowsky, S. S.** (1993). A note on the operating characteristics of the modified F test. *Biometrics, 49*, 935-939.



91. Hillman, S. B., **Sawilowsky, S. S.**, & Becker, M. J. (1993). Effects of maternal employment patterns on adolescents' substance abuse and other risk-taking behaviors. *Journal of Child and Family Studies, 2*, 203-219.
92. **Sawilowsky, S. S.**, & Hillman, S. B. (1992). Power of the independent samples  $t$  test under a prevalent psychometric measure distribution. *Journal of Consulting and Clinical Psychology, 60*, 240-243.
93. **Sawilowsky, S. S.**, & Blair, R. C. (1992). A more realistic look at the robustness and type II error properties of the  $t$  test to departures from population normality. *Psychological Bulletin, 111*, 353-360.
94. Hillman, S. B., & **Sawilowsky, S. S.** (1992). A comparison of two grouping methods in distinguishing levels of substance use. *Journal of Clinical Child Psychology, 21*, 348-353.
95. Field, S., Hoffman, A., St. Peter, S., & **Sawilowsky, S. S.** (1992). Effects of disability labels on teachers' perceptions of students' self-determination. *Perceptual and Motor Skills, 75*, 931-934.
96. Hillman, S. B., Wood, P. C., & **Sawilowsky, S. S.** (1992). Externalization as a self-protective mechanism in a stigmatized group. *Psychological Reports, 70*, 641-642.
97. Wood, P. C., Hillman, S. B., & **Sawilowsky, S. S.** (1992). Self-concept among African-American at-risk adolescents. *Perceptual and Motor Skills, 74*, 465-466.
98. **Sawilowsky, S. S.**, & Brown, M. T. (1991). On using the  $t$  test on ranks as an alternative to the Wilcoxon test. *Perceptual and Motor Skills, 72*, 860-862.
99. Hillman, S. B., & **Sawilowsky, S. S.** (1991). Maternal employment and early adolescent substance use. *Adolescence, 26*, 829-837.
100. Hillman, S. B., & **Sawilowsky, S. S.** (1990). Multidimensional differences between adolescent substance abusers and users. *Psychological Reports, 68*, 115-122.
101. **Sawilowsky, S. S.** (1990). Nonparametric tests of interaction in experimental design. *Review of Educational Research, 60*, 91-126.
102. **Sawilowsky, S. S.**, Blair, R. C., & Micceri, T. (1990). REALPOPS.LIB: a PC Fortran library of eight real distributions in psychology and education. *Psychometrika, 55*, 729.
103. **Sawilowsky, S. S.**, & Markman, B. S. (1990). Rejoinder to Braver and Braver. *Perceptual and Motor Skills, 71*, 424-426.
104. **Sawilowsky, S. S.**, & Markman, B. S. (1990). Another look at the power of meta-analysis in the Solomon four-group design. *Perceptual and Motor Skills, 71*, 177-178.
105. **Sawilowsky, S. S.**, Blair, R. C., & Higgins, J. J. (1989). An investigation of the type I error and power properties of the rank transform procedure in factorial ANOVA. *Journal of Educational Statistics, 14*, 255-267.
106. Blair, R. C., **Sawilowsky, S. S.**, & Higgins, J. J. (1987). Limitations of the rank transform in factorial ANOVA. *Communications in Statistics: Computations and Simulations, B16*, 1133-1145.

107. Lavelly, C., Fisher, T., Berger, N., Bullock, D., Follman, J., Hines, C., & **Sawilowsky, S. S.** (1986). Florida Master Teacher Program: testing teacher subject matter knowledge. *Florida Journal of Educational Research*, Fall, 28, No. 1, 83-97.
108. **Sawilowsky, S. S.** (1985, Fall). A comparison of random normal scores test under the F and Chi-square distributions to the 2x2x2 ANOVA test. *Florida Journal of Educational Research*, 27, 83-97.

## 2. Invited

109. Parker, D. R., Sleeper-Triplett, J., Field, S., & **Sawilowsky, S. S.** ADHD college coaching: potential adverse advents. (2018). *ADHD Report*, 26(2), 10-14. <https://guifordjournals.com/doi/pdf/10.1521/adhd.2018.26.2.10>
110. **Sawilowsky, S. S.** (2011). Statistical fallacies, misconceptions, and myths. *International Encyclopedia of Statistical Science*. NY: Springer, 1412-1417.
111. **Sawilowsky, S. S.** (2011). In defense of frequentist hypothesis testing. *International Encyclopedia of Statistical Science*. NY: Springer, 547-551.
112. **Sawilowsky, S. S.**, Sawilowsky, J., & Grissom, R. J. (2011). Effect size. *International Encyclopedia of Statistical Science*. NY: Springer, 426-429.

*Note to the previous three entries:* Along with Miodrag Lovric (Serbia) and C. R. Rao (India), I was nominated for my work on the *International Encyclopedia of Statistical Science* for the 2013 and 2014 Nobel Peace Prize.

113. **Sawilowsky, S. S.** (2006). Jakob Bernoulli. In N. Salkind, (Ed.), *Encyclopedia of Measurement and Statistics*, 1, p. 86-87. Thousand Oaks, CA: Sage.
114. **Sawilowsky, S. S.** (2006). Construct Validity. In N. Salkind, (Ed.), *Encyclopedia of Measurement and Statistics*, 1, p. 178-181. Thousand Oaks, CA: Sage.
115. **Sawilowsky, S. S.** (2006). Journal of Modern Applied Statistical Methods. In N. Salkind, (Ed.), *Encyclopedia of Measurement and Statistics*, 2, 499-500. Thousand Oaks, CA: Sage.
116. **Sawilowsky, S. S.** (2006). KR-20 and KR-21. In N. Salkind, (Ed.), *Encyclopedia of Measurement and Statistics*, 2, 516-519. Thousand Oaks, CA: Sage.
117. **Sawilowsky, S. S.** (2006). Mann Whitney U Test. In N. Salkind, (Ed.), *Encyclopedia of Measurement and Statistics*, 2, p. 566-567. Thousand Oaks, CA: Sage.
118. **Sawilowsky, S. S.**, & Shulkin, B. (2006). Andrei Andreevich Markov. In N. Salkind, (Ed.), *Encyclopedia of Measurement and Statistics*, 2, p. 567-568. Thousand Oaks, CA: Sage.

119. **Sawilowsky, S. S.** (2006). Simeon-Denis Poisson. In N. Salkind, (Ed.), *Encyclopedia of Measurement and Statistics, 2*, p. 771-772. Thousand Oaks, CA: Sage.
120. **Sawilowsky, S. S.** (2006). Wilcoxon Signed-Ranks Test. In N. Salkind, (Ed.), *Encyclopedia of Measurement and Statistics, 3*, p. 1051-1053. Thousand Oaks, CA: Sage.
121. Fahoome, G., & **Sawilowsky, S. S.** (2006). Median Test. In N. Salkind, (Ed.), *Encyclopedia of Measurement and Statistics, 2*, p. 592-595. Thousand Oaks, CA: Sage.
122. Shulkin, B., & **Sawilowsky, S. S.** (2006). Estimates of the Population Median. In N. Salkind, (Ed.), *Encyclopedia of Measurement and Statistics, 1*, p. 316-328. Thousand Oaks, CA: Sage.82.
123. **Sawilowsky, S. S.** (2005). *Tukey quick test*. In B. Everitt & D. Howell (Eds.), *Encyclopedia of Behavioral Statistics, 4*, 2069-2070. London: Wiley.
124. **Sawilowsky, S. S.**, & Fahoome, G. (2005). *Friedman test*. In B. Everitt D. Howell (Eds.), *Encyclopedia of Behavioral Statistics*. London: Wiley.
125. **Sawilowsky, S. S.**, & Fahoome, G. (2005). *Kruskal-Wallis test*. In B. Everitt & 64. D. Howell (Eds.), *Encyclopedia of Behavioral Statistics*. London: Wiley.
126. **Sawilowsky, S. S.**, & Fahoome, G. (2005). *Page's ordered alternative test*. In B. Everitt & D. Howell (Eds.), *Encyclopedia of Behavioral Statistics, 3*, p. 1503-1504. London: Wiley.
127. **Sawilowsky, S. S.** (2005). *Sign test*. In B. Everitt & D. Howell (Eds.), *Encyclopedia of Behavioral Statistics, 4*, 1832-1833. London: Wiley.
128. **Sawilowsky, S. S.**, & Fahoome, G. (2005). *Signed ranks test*. In B. Everitt & D. Howell (Eds.), *Encyclopedia of Behavioral Statistics, 4*, 1837-1838. London: Wiley.
129. Lunnenberg, C., & **Sawilowsky, S. S.** (2005). *Median test*. In B. Everitt & D. Howell (Eds.), *Encyclopedia of Behavioral Statistics*. London: Wiley.
130. **Sawilowsky, S. S.** (1998). Comments on using robust statistics in social and behavioral science. *British Journal of Mathematical and Statistical Psychology, 51* (1), 49-52.
131. **Sawilowsky, S. S.** (1993). Comments on using alternatives to normal theory statistics in social and behavioral science. *Canadian Psychology, 34*(4), 398-406.

### 3. Non-refereed

132. **Sawilowsky, S. S.** (2011). *Tana Hu U'Falig, Yalkut Shoshanim, 5*, 55-65.
133. **Sawilowsky, S. S.** (2011). *Yalkut Shoshanim. Yalkut Shoshanim, 5*, iii-v.
134. **Sawilowsky, S. S.** (2010). *Tefilah. Yalkut Shoshanim, 4*, 25-51.

135. **Sawilowsky, S. S.** (2010). *Ha'azinu. Yalkut Shoshanim, 4*, 52-57.
136. **Sawilowsky, S. S.** (2009). *Noach. Yalkut Shoshanim, 3*, 82-96.
137. **Sawilowsky, S. S.** (2007). *Balak. Yalkut Shoshanim, 2*, 41-48.
138. Drucker, D. S., Schochet, C., Cuzzocrea, J., & **Sawilowsky, S. S.** (2008). Jacques Salomon Hadamard and the use of symbols in teaching differential calculus. *Journal of Modern Applied Statistical Methods, 7*(1), 358-367.
139. **Sawilowsky, S. S.** (2007). Mathematics in Volume 1 of *Scripta Universitatis. Journal of Modern Applied Statistical Methods, 7*(1), 350-354.
140. **Sawilowsky, S. S.**, & Cuzzocrea, J. (2006). Joseph Liouville's 'Mathematical works of Evariste Galois'. *Journal of Modern Applied Statistical Methods, 5*(2), 589-592.
141. Cuzzocrea, J., & **Sawilowsky, S. S.** (2006). Pietro Paoli, Italian algebraist. *Journal of Modern Applied Statistical Methods, 5*(2), 593-595.
142. **Sawilowsky, S. S.** (2006). Statistical pronouncements V. *Journal of Modern Applied Statistical Methods, 5*(1), 282-283.
143. **Sawilowsky, S. S.** (2005). Statistical pronouncements IV. *Journal of Modern Applied Statistical Methods, 4*(2), 627-628.
144. **Sawilowsky, S. S.** (2005). Abelson's paradox and the Michelson-Morley experiment. *Journal of Modern Applied Statistical Methods, 4*(1), 352.
145. **Sawilowsky, S. S.** (2004). Statistical pronouncements III. *Journal of Modern Applied Statistical Methods, 3*(1), 259-260.
146. **Sawilowsky, S. S.** (2003). Statistical Pronouncements II. *Journal of Modern Applied Statistical Methods, 2*(2), 533-534.
147. **Sawilowsky, S. S.** (2003). Statistical Pronouncements. *Journal of Modern Applied statistical Methods, 2*(1), 279-280.
148. **Sawilowsky, S. S.**, & Musial, J. (1998). Modeling attention deficit hyperactivity disorder as exponential decay. *The ADHD Report, 6*, 10-11.
149. Isaacson, S., & **Sawilowsky, S. S.** (1992). A note on the reliability of the problem oriented screening instrument for teenagers (POSIT). *Journal for Juvenile Justice and Detention Services, 7*, 22.
150. Sullivan, P., **Sawilowsky, S. S.**, Lewis, C. M., & Eng, A. M. (February 19, 1993). *Yalom factor research: threats to internal validity.* [http://digitalcommons.wayne.edu/coe\\_tbf/28](http://digitalcommons.wayne.edu/coe_tbf/28)

## **E. Papers/Abstracts Published In Conference Proceedings**

### 1. Refereed

151. Zirpoli, G., Treister, R., Lodahl, M., Lang, M. **Sawilowsky, S.**, Campbell, E, Tworoger, S. S., & Oaklander, A. L. (April 18, 2017). Validation and continuing development of a patient-reported survey of small-fiber polyneuropathy symptoms. *Neurology, 88*(16), Supplement P4.317.

152. Ssemakula, M. E., Liao, G., & **Sawilowsky, S. S.** (2016). Assessing the learning gains of manufacturing students in an integrated hands-on curriculum. *Proceedings: 122<sup>nd</sup> American Society for Engineering Education Annual Conference and Exposition*. Seattle, WA.
153. Ssemakula, M. E., Liao, G., Ellis, R. D., Kim, K-Y., Aguwa, C, & **Sawilowsky, S. S.** (2011). Manufacturing Integrated Learning Lab (MILL): A hands-on approach to engineering and technology education. *Proceedings, 2011 High Impact Technology Conference*. San Francisco, CA.
154. Ssemakula, M. E., Aguwa, C., Ellis, R. D., Kim K-Y., Liao, G., & **Sawilowsky, S. S.** (2011). Manufacturing integrated learning lab (MILL): A curriculum model for hands-on manufacturing education. *Proceedings: American Society for Engineering Education Annual Conference & Exposition*. Vancouver, BC, Canada.
155. Ssemakula, M. E., Liao, G., Ellis, D., Kim, K-Y., & **Sawilowsky, S. S.** (2009). Creating an Integrated Hands-On Learning Environment for Manufacturing Education. *SME Manufacturing Education Transformation Summit Proceedings*. Austin, TX.
156. Ssemakula, M., Liao, G., Ellis, D., Kim, K-Y., & **Sawilowsky, S. S.** (2009). Introducing a flexible adaptation framework for implementing 'learning factory' – based manufacturing education. *Proceedings: American Society for Engineering Education Annual Conference*. <http://soa.asee.org/paper/conference/paper-view.cfm?id=10795>.
157. **Sawilowsky, S. S.**, & Shulkin, B. (May 18, 2007). "Estimating the population median." *Festschrift in honor of distinguished professor of statistics Mir Masoom Ali*. Muncie, Indiana: Ball State University, p. 256-267.
158. Headrick, T., & **Sawilowsky, S. S.** (August, 1997). Simulating correlated multivariate nonnormal distributions: Extending the Fleishman power methods. *Abstracts: Joint Statistical Meetings*, Anaheim, CA, p. 109.
159. Posch, M. A., & **Sawilowsky, S. S.** (August, 1997). Comparison of exact and asymptotic tests for the 2xc ordinal categorical layout. *Abstracts: Joint Statistical Meetings*, Anaheim, CA, p. 129.
160. **Sawilowsky, S. S.** (June 23, 1996). Controlling Experiment-wise Type I error in the Solomon Four-group design. *Proceedings of the International Conference On Multiple Comparisons*. Tel Aviv, Israel.
161. **Sawilowsky, S. S.**, Kelley, D. L., & Blair, R. C. (August, 1994). Comparison of tests for interaction in the balanced 2x2x2 layout. *Joint Statistical Meetings*, Toronto, Canada.
162. Blair, R. C., & **Sawilowsky, S. S.** (August, 1993). Fixing the modified F test. *Joint Statistical Meetings*, San Francisco.
163. Blair, R. C., & **Sawilowsky, S. S.** (October, 1992). A distribution-free maximum test of location for two independent samples. *MWERA Researcher*, abstract.

164. Blair, R. C., & **Sawilowsky, S. S.** (August, 1992). Type I error and power of the modified and generalized  $t$  tests. *Joint Statistical Meetings*, Boston, p. 86.
165. Hillman, S. B., Wood, P. C., & **Sawilowsky, S. S.** (April, 1992). *Conference Proceedings: The Troubled Adolescent: The Nation's Concern and Its Response*. University of Wisconsin-Stout, Milwaukee, WI.
166. Hillman, S. B., Wood, P. C., & **Sawilowsky, S. S.** (April, 1991). Adolescent drug use and abuse. *Conference Proceedings: The Troubled Adolescent: The Nation's Concern and Its Response*. University of Wisconsin-Stout, Milwaukee, WI, 6-10.
167. Blair, R. C., & **Sawilowsky, S. S.** (October, 1991). Confounding covariates in nonrandomized studies. *MWERA Researcher*. Kent State University, abstract.
168. Sawilowsky, S., and Markman, B. (October, 1990). Guilt. *MWERA Researcher Abstracts*. Kent State University.
169. Snyder, J., & **Sawilowsky, S. S.** (October, 1990). A qualitative analysis of communication skills in the Detroit Compact. *MWERA Researcher Abstracts*. Kent State University.
170. Ogunyemi, O., & **Sawilowsky, S. S.** (October, 1989). The systemic approach to instructional design in the Detroit compact. *MWERA Researcher Abstracts*. Kent State University, p. 2.
171. **Sawilowsky, S. S.** (October, 1988). Failure of the random normal scores and expected normal scores transform tests for interaction in the 2x2x2 ANOVA. *MWERA Researcher Abstracts*, Kent State University.
172. Lavelly, C., Berger, N., Bullock, D., Follman, J., Kromrey, J., & **Sawilowsky, S. S.** (1986). Causes of the criterion problem in the evaluation of effectiveness of teaching. *National Social Sciences Association Proceedings, 1*, 1-6.
173. Lavelly, C., Follman, J., & **Sawilowsky, S. S.** (November 19-21, 1986). Causes of the criterion problem in evaluation of effectiveness of teaching. *Mid-South Educational Research Association Program and Proceedings, Fifteenth Annual Meeting*, abstract.
174. Lavelly, C., Hines, C., Kromrey, J., & **Sawilowsky, S. S.** (November 19-21, 1986). Survey of characteristics of Florida master teachers. *Mid-South Educational Research Association Program and Proceedings, Fifteenth Annual Meeting*, abstract.
175. Lavelly, C., Follman, J., & **Sawilowsky, S. S.** (November 19, 1986). Expertise in teaching: expert pedagogues. *Mid-South Educational Research Association Program and Proceedings, Fifteenth Annual Meeting*, abstract.
176. **Sawilowsky, S. S.**, & Follman, J. (November 19-21, 1986). Teacher merit pay plan 'fresh' ideas. *Mid-South Educational Research Association Program and Proceedings, Fifteenth Annual Meeting*, abstract, 123-124.
177. Lavelly, C., Ward, A., Berger, N., Bullock, D., Follman, J., Hines, C., & **Sawilowsky, S. S.** (1986). Teacher subject area examinations in the Florida Teacher Merit Pay program. *Proceedings: Association of Teacher Educators, 76*, 25-26.

178. Lavelly, C., Bullock, D., Follman, J., Hall, B., Hines, C., **Sawilowsky, S. S.**, & Ward, A. (November 6-8, 1985). Teacher subject area examinations in the Florida teacher merit pay plan. *Mid-South Educational Research Association Program and Proceedings*, abstract.

#### **G. Abstracts Published in Academic Journals**

179. Roder, B. J., & Sgan (M. L.) (Eds.) (2004). *Infants to adolescents: Research update: A digest of current research in the field of child and adolescent development*, 5(2), p. 5. (Washburn-Ormachea, J.M., Hillman, S. B., & **Sawilowsky, S. S.** (2004). Gender and gender-role orientation differences on adolescents' coping with peer stressors. *Journal of Youth and Adolescence*, 33(1), 31-40.)

#### **K. Instructional Materials Formally Published**

##### 2. Study Guides/Laboratory Workbooks

180. **Sawilowsky, S. S.**, & Fahoome, G. F. (2003). CD to accompany *Statistics through Monte Carlo simulation with Fortran*. Rochester Hills, MI: JMASM.

#### **N. Other Scholarly Work**

##### Software

181. Maggio, S., & **Sawilowsky, S. S.** (2014). Software to accompany: JMASM Algorithm 33. *Journal of Modern Applied Statistical Methods*. <http://digitalcommons.wayne.edu/cgi/viewcontent.cgi?filename=0&article=1909&context=jmasm&type=additional>.
182. **Sawilowsky, S. S.**, & Kagan, R. (2011). Rangen 3.0 for PCI CUDA Fortran 200x for the Nvidia GPU. College of Education, Wayne State University.
183. Fahoome, G., & **Sawilowsky, S. S.** (2001). Rangen 2.0 for Fortran 90. College of Education, Wayne State University.
184. **Sawilowsky, S. S.**, & Blair, R. C. (1987). RANGENPC 1.0 for Fortran 77. College of Education, Wayne State University.

##### Standardized Tests Published

185. Mason, C., Murphy, M. R., Bergey, M., Mullane, S., **Sawilowsky, S. S.**, & Asby, D. (2018). School Compassionate Culture Analytic Tool for Educators (S-CCATE). Instrument development, psychometrics, and user's manual. Vienna, VA: Center for Educational Improvement.
186. Mason, C., Murphy, M. R., Bergey, M., Mullane, S., **Sawilowsky, S. S.**, & Asby, D. (2018). S-CCATE Supplement. Vienna, VA: Center for Educational Improvement.

187. Field, S., Hoffman, A., & **Sawilowsky, S. S.** (2014). Self-determination student scale-Short Form (SDSS-SF). <http://www.ealyeducation.com/>
188. Field, S., Hoffman, A., & **Sawilowsky, S. S.** (2013). Self-determination student scale (SDSS), ver 2. <http://www.ealyeducation.com/>
189. Field, Sharon, Hoffman, A., & **Sawilowsky, S. S.** (2013). Self-determination Parent Perception Scale (PPS), ver 2. <http://www.ealyeducation.com/>
190. Field, Sharon, Hoffman, A., & **Sawilowsky, S. S.** (2013). Self-determination Parent Perception Scale (PPS), ver 2. [http://www.ealyeducation.com/Teacher Perception Scale \(TPS\).](http://www.ealyeducation.com/Teacher Perception Scale (TPS).)
191. Ssemakula, M. E., Liao, G., Kim, K-Y, Aguwa, C, Darin, E., **Sawilowsky, S. S.**, & consortium partners (New Mexico State University, Prairie View A&M University, & Macomb Community College). (2011). *Manufacturing Integrated Learning Lab (MILL) Test*. Detroit, MI: College of Manufacturing Engineering, Wayne State University.
192. Keene, K., Edwards, T., Pugalee, D., Norde, I., Scott, B., & **Sawilowsky, S. S.** (2011). *Math Attitude Survey*. Raleigh, NC: North Carolina State University.
193. Keene, K., Edwards, T., Pugalee, D., Norde, I., Scott, B., & **Sawilowsky, S. S.** (2011). *Problem Solving Assessment*. Raleigh, NC: North Carolina State University.
194. Field, S., Parker, D., **Sawilowsky, S. S.**, & Rolands, L. (2010). *College Well Being*. Detroit, MI: College of Education, Wayne State University.
195. Ssemakula, M. E., Liao, G., Kim, K-Y, Aguwa, C, Darin, E., **Sawilowsky, S. S.**, & consortium partners (New Mexico State University, Prairie View A&M University, & Macomb Community College). (2010). *Manufacturing Integrated Learning Lab (MILL) Pretest*. Detroit, MI: College of Manufacturing Engineering, Wayne State University.
196. Ssemakula, M. E., Liao, G., Kim, K-Y, Aguwa, C, Darin, E., & **Sawilowsky, S. S.**, & consortium partners (New Mexico State University, Prairie View A&M University, & Macomb Community College). (2010). *Manufacturing Integrated Learning Lab (MILL) Posttest*. College of Manufacturing Engineering. Detroit, MI: College of Manufacturing Engineering, Wayne State University.
197. Field, S., Hoffman, A., & **Sawilowsky, S. S.** (2006). *Self-Determination Knowledge Scale, Form A and Form B, revised*. Austin, Texas: Pro-Ed.
198. Field, S., Hoffman, A., & **Sawilowsky, S. S.** (2001). *Self-Determination Student Self-Perception Scale (SDSSPS)*. College of Education, Wayne State University.
199. Field, S., Hoffman, A., & **Sawilowsky, S. S.** (1995). *Self-Determination Knowledge Scale, Form A and Form B*. Austin, Texas: Pro-Ed.
200. Field, S., Hoffman, A., & **Sawilowsky, S. S.** (1994). *Self-Determination Behavioral Observation Checklist (SDOC), revised*. College of Education, Wayne State University.
201. Field, S., Hoffman, A., & **Sawilowsky, S. S.** (1994). *Self-Determination Knowledge Scale (SDKS), pretest*. College of Education, Wayne State University.



202. Field, S., Hoffman, A., & **Sawilowsky, S. S.** (1994). *Self-Determination Knowledge Scale (SDKS), posttest*. College of Education, Wayne State University.
203. Field, S., Hoffman, A., & **Sawilowsky, S. S.** (1994). *Self-Determination Parent Perception Scale (SDPPS)*. College of Education, Wayne State University.
204. Field, S., Hoffman, A., & **Sawilowsky, S. S.** (1994). *Self-Determination Teacher Perception Scale (SDTPS)*. College of Education, Wayne State University.
205. Field, S., Hoffman, A., & **Sawilowsky, S. S.** (1994). *Self-Determination Student Scale (SDSS)*. College of Education, Wayne State University.
206. Field, S., Hoffman, A., & **Sawilowsky, S. S.** (1992). *Self-Determination Scale (SDS): Form A, Form B*. Developmental Disabilities Institute, Wayne State University.
207. Field, S., Hoffman, A., **Sawilowsky, S. S.**, & St. Peter (1991). *Self-Determination Behavioral Observation Checklist (SDOC)*. Developmental Disabilities Institute, Wayne State University.
208. Lavelly, C., Berger, N., Bullock, D., Follman, J., **Sawilowsky, S. S.**, & Staff of Institute For Instructional Research and Practice (1986). Subject Area Tests for the Florida Master Teacher Program: *Art Education*. Published by Educational Testing Service, Princeton, N.J. for the Florida State Department of Education.
209. Lavelly, C., Berger, N., Bullock, D., Follman, J., **Sawilowsky, S. S.**, & Staff of Institute For Instructional Research and Practice (1986). Subject Area Tests for the Florida Master Teacher Program: *Home Economics*. Published by Educational Testing Service, Princeton, N.J. for the Florida State Department of Education.
210. Lavelly, C., Berger, N., Bullock, D., Follman, J., **Sawilowsky, S. S.**, & Staff of Institute For Instructional Research and Practice (1986). Subject Area Tests for the Florida Master Teacher Program: *Reading*. Published by Educational Testing Service, Princeton, N.J. for the Florida State Department of Education.
211. Lavelly, C., Berger, N., Bullock, D., Follman, J., **Sawilowsky, S. S.**, & Staff of Institute For Instructional Research and Practice (1986). Subject Area Tests for the Florida Master Teacher Program: . Published by Educational Testing Service, Princeton, N.J. for the Florida State Department of Education: *School Psychology*. Published by Educational Testing Service, Princeton, N.J. for the Florida State Department of Education.
212. Lavelly, C., Berger, N., Bullock, D., Follman, J., **Sawilowsky, S. S.**, & Staff of Institute For Instructional Research and Practice (1986). Subject Area Tests for the Florida Master Teacher Program: *Speech and Language Disorders*. Published by Educational Testing Service, Princeton, N.J. for the Florida State Department of Education.

213. Lavelly, C., Berger, N., Bullock, D., Follman, J., **Sawilowsky, S. S.**, & Staff of Institute For Instructional Research and Practice (1986). Subject Area Tests for the Florida Master Teacher Program; Alternate Forms for *Biology*. Published by Educational Testing Service, Princeton, N.J. for the Florida Department of Education.
214. Lavelly, C., Berger, N., Bullock, D., Follman, J., **Sawilowsky, S. S.**, & Staff of Institute For Instructional Research and Practice (1986). Subject Area Tests for the Florida Master Teacher Program; Alternate Forms for *Business Education*. Published by Educational Testing Service, Princeton, N.J. for the Florida Department of Education.
215. Lavelly, C., Berger, N., Bullock, D., Follman, J., **Sawilowsky, S. S.**, & Staff of Institute For Instructional Research and Practice (1986). Subject Area Tests for the Florida Master Teacher Program; Alternate Forms for *Chemistry*. Published by Educational Testing Service, Princeton, N.J. for the Florida Department of Education.
216. Lavelly, C., Berger, N., Bullock, D., Follman, J., **Sawilowsky, S. S.**, & Staff of Institute For Instructional Research and Practice (1986). Subject Area Tests for the Florida Master Teacher Program; Alternate Forms for *Earth Science*. Published by Educational Testing Service, Princeton, N.J. for the Florida Department of Education.
217. Lavelly, C., Berger, N., Bullock, D., Follman, J., **Sawilowsky, S. S.**, & Staff of Institute For Instructional Research and Practice (1986). Subject Area Tests for the Florida Master Teacher Program; Alternate Forms for *Elementary Education*. Published by Educational Testing Service, Princeton, N.J. for the Florida Department of Education.
218. Lavelly, C., Berger, N., Bullock, D., Follman, J., **Sawilowsky, S. S.**, & Staff of Institute For Instructional Research and Practice (1986). Subject Area Tests for the Florida Master Teacher Program; Alternate Forms for *Emotionally Handicapped*. Published by Educational Testing Service, Princeton, N.J. for the Florida Department of Education.
219. Lavelly, C., Berger, N., Bullock, D., Follman, J., **Sawilowsky, S. S.**, & Staff of Institute For Instructional Research and Practice (1986). Subject Area Tests for the Florida Master Teacher Program; Alternate Forms for *English*. Published by Educational Testing Service, Princeton, N.J. for the Florida Department of Education.
220. Lavelly, C., Berger, N., Bullock, D., Follman, J., **Sawilowsky, S. S.**, & Staff of Institute For Instructional Research and Practice (1986). Subject Area Tests for the Florida Master Teacher Program; Alternate Forms for *General Science*. Published by Educational Testing Service, Princeton, N.J. for the Florida Department of Education.

221. Lavelly, C., Berger, N., Bullock, D., Follman, J., **Sawilowsky, S. S.**, & Staff of Institute For Instructional Research and Practice (1986). Subject Area Tests for the Florida Master Teacher Program; Alternate Forms for *Gifted Education*. Published by Educational Testing Service, Princeton, N.J. for the Florida Department of Education.
222. Lavelly, C., Berger, N., Bullock, D., Follman, J., **Sawilowsky, S. S.**, & Staff of Institute For Instructional Research and Practice (1986). Subject Area Tests for the Florida Master Teacher Program; Alternate Forms for: *Mathematics*. Published by Educational Testing Service, Princeton, N.J. for the Florida Department of Education.
223. Lavelly, C., Berger, N., Bullock, D., Follman, J., **Sawilowsky, S. S.**, & Staff of Institute For Instructional Research and Practice (1986). Subject Area Tests for the Florida Master Teacher Program; Alternate Forms for *Mentally Handicapped*. Published by Educational Testing Service, Princeton, N.J. for the Florida Department of Education.
224. Lavelly, C., Berger, N., Bullock, D., Follman, J., **Sawilowsky, S. S.**, & Staff of Institute For Instructional Research and Practice (1986). Subject Area Tests for the Florida Master Teacher Program; Alternate Forms for *Music*. Published by Educational Testing Service, Princeton, N.J. for the Florida Department of Education.
225. Lavelly, C., Berger, N., Bullock, D., Follman, J., **Sawilowsky, S. S.**, & Staff of Institute For Instructional Research and Practice (1986). Subject Area Tests for the Florida Master Teacher Program; Alternate Forms for *Physics*. Published by Educational Testing Service, Princeton, N.J. for the Florida Department of Education.
226. Lavelly, C., Berger, N., Bullock, D., Follman, J., **Sawilowsky, S. S.**, & Staff of Institute For Instructional Research and Practice (1986). Subject Area Tests for the Florida Master Teacher Program; Alternate Forms for *Spanish*. Published by Educational Testing Service, Princeton, N.J. for the Florida Department of Education.
227. Lavelly, C., Berger, N., Bullock, D., Follman, J., **Sawilowsky, S. S.**, & Staff of Institute For Instructional Research and Practice (1986). Subject Area Tests for the Florida Master Teacher Program; Alternate Forms for *Specific Learning Disabilities*. Published by Educational Testing Service, Princeton, N.J. for the Florida Department of Education.

#### Criterion-Referenced Tests Published

228. Yoon, J., **Sawilowsky, S. S.**, & Sinelli, N. (2012). Lifetown Anti-bullying Scale. West Bloomfield, MI: Weinberg Village Ferber Kaufman LifeTown, Friendship Circle.

229. **Sawilowsky, S. S.**, Field, Sharon, Hoffman, A., Sinelli, N., & Bloomingstein-Bott, L. (2011). *Weinberg Village Self-determination Teacher Perception Scale*. West Bloomfield, MI: Friendship Circle.
230. Sinelli, N., Bloomingstein-Bott, L., & **Sawilowsky, S. S.** (2008). *Weinberg Village Behavioral Observation Checklist Battery: Bank*.
231. Sinelli, N., Bloomingstein-Bott, L., & **Sawilowsky, S. S.** (2008). *Weinberg Village Behavioral Observation Checklist Battery: Bicycle*.
232. Sinelli, N., Bloomingstein-Bott, L., & **Sawilowsky, S. S.** (2008). *Weinberg Village Behavioral Observation Checklist Battery: Ice cream stand*. West Bloomfield, MI: Friendship Circle.
233. Sinelli, N., Bloomingstein-Bott, L., & **Sawilowsky, S. S.** (2008). *Weinberg Village Behavioral Observation Checklist Battery: Library*. West Bloomfield, MI: Friendship Circle.
234. Sinelli, N., Bloomingstein-Bott, L., & **Sawilowsky, S. S.** (2008). *Weinberg Village Behavioral Observation Checklist Battery: Medical Office*. West Bloomfield, MI: Friendship Circle.
235. Sinelli, N., Bloomingstein-Bott, L., & **Sawilowsky, S. S.** (2008). *Weinberg Village Behavioral Observation Checklist Battery: Pet Store*. West Bloomfield, MI: Friendship Circle.
236. Sinelli, N., Bloomingstein-Bott, L., & **Sawilowsky, S. S.** (2008). *Weinberg Village Behavioral Observation Checklist Battery: Popcorn Stand*. West Bloomfield, MI: Friendship Circle.
237. Sinelli, N., Bloomingstein-Bott, L., & **Sawilowsky, S. S.** (2008). *Weinberg Village Behavioral Observation Checklist Battery: Salon*. West Bloomfield, MI: Friendship Circle.
238. Sinelli, N., Bloomingstein-Bott, L., & **Sawilowsky, S. S.** (2008). *Weinberg Village Behavioral Observation Checklist Battery: Savon Drugs*. West Bloomfield, MI: Friendship Circle.
239. Sinelli, N., Bloomingstein-Bott, L., & **Sawilowsky, S. S.** (2008). *Weinberg Village Behavioral Observation Checklist Battery: Traffic*. West Bloomfield, MI: Friendship Circle.
240. Sinelli, N., Bloomingstein-Bott, L., & **Sawilowsky, S. S.** (2008). *Weinberg Village Behavioral Observation Checklist Battery: Workshop*. West Bloomfield, MI: Friendship Circle.
241. Sinelli, N., Bloomingstein-Bott, L., & **Sawilowsky, S. S.** (2008). *Wineberg Village Teacher's Survey*. West Bloomfield, MI: Friendship Circle.
242. Sinelli, N., Bloomingstein-Bott, L., & **Sawilowsky, S. S.** (2008). *Wineberg Village Parents's Survey*. West Bloomfield, MI: Friendship Circle.
243. **Sawilowsky, S. S.**, & faculty of College of Education, Wayne State University (1991). *College Assessment Test*. College of Education, Wayne State University.

244. Evans, D., Snyder, J. A., Ogunyemi, O. A., **Sawilowsky, S. S.**, & Staff of Detroit Compact. (1988). *Detroit Compact High School Math Test Form A (Pretest)*. College of Education, Wayne State University.
245. Evans, D., Snyder, J. A., Ogunyemi, O. A., **Sawilowsky, S. S.**, & Staff of Detroit Compact. (1988). *Detroit Compact High School Math Test Form B (Posttest)*. College of Education, Wayne State University.

#### Educational Resources Information Center (ERIC)

246. Fahoome, G., & **Sawilowsky, S. S.** (2000). Review of twenty nonparametric statistics and their large sample approximations. ED 441 031; TM 030 830.
247. Headrick, T. C., & Sawilowsky, S. S. (2000). Properties of the rank transformation in factorial analysis of covariance. ED 440 996; TM 030 794.
248. Hoffman, A., Field, S., & **Sawilowsky, S.** (1996). *Steps to self-determination: A curriculum to help adolescents learn to achieve their goals*. ED 425 551.
249. Dannis, J., Colombo, M., & **Sawilowsky, S. S.** (April, 1996). *Lessons in school reform: An evaluation of a university operated charter middle school*. TED 427 057; M 029 438.
250. Hillman, S. B., Wood, P. C., & **Sawilowsky, S. S.** (August, 1996). Self-protective mechanisms among stigmatized adolescents. ED 396 221; CG 027 138.
251. Hillman, S. B., Wood, P., & **Sawilowsky, S. S.** (1992). Three studies supporting self-protective mechanisms in stigmatized minority adolescents. Ed 350 525; CG 024 579.
252. Hillman, S. B., & **Sawilowsky, S. S.** (1991). *Profiles of adolescent substance abstainers, users, and abusers*. ED 338 956; CG 023 770.
253. **Sawilowsky, S. S.**, & Hillman, S. B. (1991). *Sample size tables,  $t$  test, and a prevalent psychometric distribution*. ED 336 411; TM 017 177.
254. Blair, R. C., & **Sawilowsky, S. S.** (1991). *Confounding covariates in nonrandomized studies*. ED 336 411; TM 017 178.
255. **Sawilowsky, S. S.**, & Blair, R. C. (1991/1989). *An investigation of the Type I error and power properties the rank transform statistic*. ED 322 149.
256. Hillman, S. B., **Sawilowsky, S. S.**, Becker, M. J., & Ogilvie, L. A. (1990). *Effects of maternal employment on adolescent substance use*. ED 322 412.
257. Hillman, S. B., Becker, M. J., Ogilvie, L. A., & **Sawilowsky, S. S.** (1990). *Survey results of use of drugs and alcohol among high school students*. ED 321 176
258. **Sawilowsky, S. S.**, & Markman, B. (1989). *Guilt*. ED 316 557; TM 014 507.
259. **Sawilowsky, S. S.**, & Markman, B. (1988). *Another look at the power of meta-analysis in the Solomon four-group design*. ED 316 556; TM 014 506.
260. **Sawilowsky, S. S.** (1985). A comparison of random normal scores test under the F and Chi-Square distributions to the 2x2x2 ANOVA test. ED 322 230; TM 015 433.

#### Technical Reports

261. Greene, M. L, **Sawilowsky, S. S.**, and Living Arts Staff (2016). *Living Arts Subgrantee Evaluation Report*, Year 4. Corporation for National and Community Service & the Social Innovation Fund.
262. Greene, M. L, **Sawilowsky, S. S.**, and Living Arts Staff (2015). *Living Arts Subgrantee Evaluation Report*, Year 3. Corporation for National and Community Service & the Social Innovation Fund.
263. Hoffman, A., Field-Hoffman, S., & **Sawilowsky, S. S.** (2015). *SDA<sub>i</sub>: Self Determination Assessment<sub>internet</sub>*. User's Manual. (2015). Trinity, FL: Ealy Education Group. Greene, M. L, **Sawilowsky, S. S.**, and Living Arts Staff (2014). *Living Arts Subgrantee Evaluation Report*, Year 2. Corporation for National and Community Service & the Social Innovation Fund.
264. Greene, M. L, **Sawilowsky, S. S.**, and Living Arts Staff (2013). *Living Arts Subgrantee Evaluation Report*, Year 1. Corporation for National and Community Service & the Social Innovation Fund.
265. Yoon, J., **Sawilowsky, S. S.**, & Sullivan, K. (2012). LifeTown anti-bullying intervention final report. West Bloomfield, MI: Weinberg Village Ferber Kaufman LifeTown, 12 pp.
266. Ssemakula, M., Liao, G., Ellis, R., Kim, K-Y., & **Sawilowsky, S. S.** (2011). *Collaborative research: A flexible adaptation framework for implementing 'Learning Factory' – based manufacturing education, Final Report*, 14 pp.
267. Field, S., Parker, D., **Sawilowsky, S. S.**, & Rolands, L. (2010). *Quantifying the Effectiveness of Coaching for College Students with Attention Deficit/Hyperactivity Disorder*. Edge Foundation, Seattle, WA. <http://www.edgefoundation.org/wp-content/uploads/2010/11/Edge-Report-11-10-exec-summary.pdf>, 231 pp.
268. Field, S., Blumenstein-Bott, L., Sinelli, N., & **Sawilowsky, S. S.** (2008). *Acquisition of life skills in a simulated town for students with disabilities, Final Report*. West Bloomfield, MI: Friendship Circle, 18 pp.
269. Hoffman, A., Field, S., & **Sawilowsky, S. S.** (2004). *Self-determination Assessment Battery User's Guide*, 3<sup>rd</sup> ed. College of Education, Wayne State University. 44 pp.
270. Somers, C., & **Sawilowsky, S. S.** (2004). *An Experiential Teenage Pregnancy Prevention Experiment, Final Report*. College of Education, Wayne State University.
271. Field, S., Hoffman, A., & **Sawilowsky, S. S.** (2004). *Research On Self-Determination In Elementary Settings Final Report*. College of Education, Wayne State University, Detroit, MI.
272. Field, S., Mackrain, M., & **Sawilowsky, S. S.** (2004). *Caring for Kids Initiative: Final Report*. College of Education, Wayne State University, Detroit, MI.
273. Field, S., Hoffman, A., & **Sawilowsky, S. S.** (2001). *Promoting self-determination for students, teachers, and administrators through pre-service and in-service personnel preparation Final Report*. College of Education, Wayne State University.

274. Hoffman, A., Field, S., & **Sawilowsky, S. S.** (2000). *Self-determination Assessment Battery User's Guide*, 2<sup>nd</sup> ed. College of Education, Wayne State University. 52 pp.
275. Field, S., Hoffman, A., & **Sawilowsky, S. S.** (1996). *Research in Self-Determination Final Report*. College of Education, Wayne State University. 27 pp.
276. Hoffman, A., Field, S., & **Sawilowsky, S. S.** (1996). *Self-determination Assessment Battery User's Guide*. College of Education, Wayne State University. 77 pp.
277. Dannis, J., Colombo, M., & **Sawilowsky, S. S.** (December, 1996). *Lessons in school reform: Final report of an evaluation of a university operated charter middle school*. College of Urban, Labor, and Metropolitan Affairs, Wayne State University, 7 pp.
278. Dannis, J., Colombo, M., & **Sawilowsky, S. S.** (April, 1996). *Lessons in school reform: An evaluation of a university operated charter middle school*. College of Urban, Labor, and Metropolitan Affairs, Wayne State University, 62 pp.
279. **Sawilowsky, S. S.** (1995). *1994 UPS MEAP Report. University Public School Evaluation Formative Report Series A 3a*. College of Urban, Labor, & Metropolitan Affairs, Wayne State University. 12 pp.
280. **Sawilowsky, S. S.** (1995). *Parent Assessment: UPS 1993-1994. University Public School Evaluation Formative Report Series 6*. College of Urban, Labor, & Metropolitan Affairs, Wayne State University. 10 pp.
281. **Sawilowsky, S. S.** (1995). *1994 Metropolitan Achievement Tests Results: University Public School Summative Report. University Public School Evaluation*. College of Urban, Labor, & Metropolitan Affairs, Wayne State University. 10 pp.
282. Field, S., Hoffman, A., & **Sawilowsky, S. S.** (1995). *Research in self-determination: SDSS plots*. Wayne State University. 28 pp.
283. Field, S., Hoffman, A., & **Sawilowsky, S. S.** (1995). *Research in self-determination: Confirmatory factor analysis*. Wayne State University. 361 pp.
284. Field, S., Hoffman, A., & **Sawilowsky, S. S.** (1995). *Research in self-determination: Data Analysis*. Wayne State University. 72 - pp.
285. Field, S., Hoffman, A., & **Sawilowsky, S. S.** (1995). *Research in self-determination: Publications*. Wayne State University. 121 pp.
286. Field, S., Hoffman, A., **Sawilowsky, S. S.**, & St. Peter, S., & (1994). *Skills and knowledge for self-determination: Final Research Report*. College of Education, Wayne State University.
287. Stout, L., Field, S., Hoffman, A., & **Sawilowsky, S. S.** (1993). *Update of self-determination: A literature review and synthesis*. College of Education, Wayne State University.
288. Field, S., Hoffman, A., St. Peter, S., & **Sawilowsky, S. S.** (1992). *Skills and knowledge for self-determination: Interim Research Report*. College of Education, Wayne State University. 64 pp.

289. Evans, D., Snyder, J. A., **Sawilowsky, S. S.**, & Staff of the Detroit Compact Initial Project. (1990). *The Detroit Compact: 1988-1989 academic year and professional development: Part II*. College of Education, Wayne State University.
290. Evans, D., Snyder, J. A., Ogunyemi, O. A., **Sawilowsky, S. S.**, & Staff of the Detroit Compact. (1989). *The Detroit compact: initial project. Part I: curriculum development and summer pilot program*. Detroit Compact, College of Education, Wayne State University: Detroit MI.
291. Lavelly, C., Berger, N., Bullock, D., **Sawilowsky, S. S.** & Staff of the Institute For Instructional Research and Practice (1986). *Editorial manual for item and test development*. University of South Florida.
292. Lavelly, C., Berger, N., Bullock, D., **Sawilowsky, S. S.**, & Staff of Institute For Instructional Research and Practice (1986). *The Florida master teacher subject area examination - scoring and reporting procedures: 1985-1986*. Florida Department of Education.
293. **Sawilowsky, S. S.**, & Staff of Institute For Instructional Research and Practice. (1986). *Analyses of the 1985 Florida master teacher data tapes*. University of South Florida.
294. **Sawilowsky, S. S.**, & Staff of Institute For Instructional Research and Practice.(1985). *Test reliability and the development of the Content Area Teacher Tests (CATT)*. University of South Florida.
295. **Sawilowsky, S. S.**, & Staff of Institute For Instructional Research and Practice. (1985). *Effects of deleting items on the Content Area Teacher Tests (CATT)*. University of South Florida.
296. **Sawilowsky, S. S.**, & Staff of Institute For Instructional Research and Practice. (1985) *Content validity and the test development process*. University of South Florida.
297. Lavelly, C., Berger, N., Bullock, D., Ward, A., **Sawilowsky, S. S.**, & Staff of Institute For Instructional Research and Practice (1985). *The Florida master teacher subject area examination - scoring and reporting procedures: 1984-1985*. Florida Department of Education.
298. Lavelly, C., Berger, N., Bullock, D., Ward, A., **Sawilowsky, S. S.**, Follman, J., Hall, B., Hines, C., Caldwell, E., & Staff of Institute For Instructional Research and Practice (1985). *The Florida master teacher program: development of the content area tests. Technical report: 1984-85*. Florida Department of Education.

#### Dissertation and Thesis

299. **Sawilowsky, S. S.** (1985). *Robust and power analysis of the 2x2x2 ANOVA, rank transformation, random normal scores, and expected normal scores transformation tests*. Unpublished doctoral dissertation, University of South Florida.



300. **Sawilowsky, S. S.** (1981). *Ethnic personality theory*. Unpublished master's thesis, University of South Florida.

## **L. Papers Presented**

### **1. Invited and/or Refereed Internationally or Nationally:**

#### **a. Invited**

1. **Sawilowsky, S. S.** (2009, August 17). *Post 1980 Monte Carlo contributions to real data analysis: Estimation, inference, and application*. Plenary invited presentation "Guide for the Perplexed: Toward Healthier Statistical Analyses Series." 117th annual conference of the American Psychological Association, Toronto, Canada.
2. **Sawilowsky, S. S.**, & Shulkin, B. (May 18, 2007). "New small sample estimators of the population median." Invited paper presented at the Statistics Conference in Honor of George and Frances Ball Distinguished Professor of Statistics Mir Masoom Ali on the Occasion of his Retirement, Ball State University, Muncie, Indiana.
3. Blair, R. C., & **Sawilowsky, S. S.** (April 6, 1987). Insights into the lackluster performance of the rank transform in testing for higher order interactions in factorial ANOVA. Invited Lecturer Series, Department of Statistics, Kansas State University, Manhattan, Kansas.

#### **b. Refereed**

4. Reinstein, A., Taylor, E., & **Sawilowsky, S. S.** (2018, October). Cultural perspectives on audit failure: Understanding materiality with Judaic law. American Accounting Association Northeast Region, Greenwich, CT.
5. Baier, S. T., & **Sawilowsky, S. S.** (2018, September). Inclusion and exclusion: Resources for Educational Research. European Educational Research Association. Bolzano-Bozen, Italy.
6. Baier, S. T., **Sawilowsky, S. S.**, & Brockmeyer, M. A. (2017, November). Predicting success: The creation of psychosocial measures using the College Student Inventory. Australian Association for Research in Education, Barton, ACT, Australia.
7. Reinstein, A., **Sawilowsky, S. S.**, & Taylor, E. (2017, October). Connecting Judaic rules to two fundamental auditing concepts: Materiality and independence. Northeast region meeting, American Accounting Association. Providence, RI.
8. Reinstein, A., **Sawilowsky, S. S.**, & Taylor, E. (2017, August). Using Judaic rules to develop new perspectives on materiality. Annual Meeting of the American Accounting Association. San Diego, CA.
9. Zirpoli, G. R., Treister, R., Campbell, E. G., **Sawilowsky, S. S.**, & Oaklander, A. L. (2017, April). Validation and continuing development of a patient-reported survey of small-fiber polyneuropathy symptoms. American Academy of Neurology 69<sup>th</sup> Annual Meeting. Boston: MA.

10. Reinstein, A., **Sawilowsky, S. S.**, & Taylor, E. (2017, January). Using Ancient Rules to Develop New Perspectives on Materiality. American Accounting Association Midyear Meeting, Auditing Section. Orlando, FL.
11. Baier, S., **Sawilowsky, S. S.**, & Brockmeyer, M. (August, 2016). Helping underprepared college students succeed: The impact of remedial courses and learning communities. European Educational Research Association, Dublin, Ireland.
12. Ssemakula, M. E., Liao, G., & **Sawilowsky, S. S.** (January, 2016). The manufacturing integrated learning laboratory (MILL) as a model for STEM education. Lilly Conference on Evidence-Based Teaching and Learning. Austin: TX.
13. Ssemakula, M. E., Liao, G., & **Sawilowsky, S. S.** (April, 2016). American Associate for the Advancement of Science and the National Science Foundation Division of Undergraduate Education Symposium on Envisioning the future of undergraduate STEM education: Research and Practice, Washington, DC.
14. Ssemakula, M. E., Liao, G., & **Sawilowsky, S. S.** (June, 2015). Assessing the learning gains of manufacturing students in an integrated hands-on curriculum. Annual conference of the American Society for Engineering Education. Seattle, WA.
15. Lance, M., & **Sawilowsky, S. S.** (July, 2011). Type I and II Errors for improved critical values for the Winsorized t-test. Annual meeting of the American Statistical Association, Miami, FL.
16. Farrell-Singleton, P., & **Sawilowsky, S. S.** (July, 2011). Improved critical values for the two independent samples Winsorized t-test. Annual meeting of the American Statistical Association, Miami, FL.

*Note:* The previous two entries were rescinded after they were accepted due to the lack of travel funds for 2011.

17. Ssemakula, M. E., Liao, G., Ellis, R. D., Kim, K-Y., Aguwa, C., & **Sawilowsky, S. S.** (July, 2011). Manufacturing Integrated Learning Lab (MILL): A hands-on approach to engineering and technology education. 2011 High Impact Technology Conference. San Francisco, CA.
18. O'Connell, M. B., Salinitri, F. D., Smith, J. M., Garwood, C., Lehr, V. T., Sipe, L. V., & **Sawilowsky, S. S.** (July, 2011). Standardized assessment of observed structured clinical examinations. Annual meeting of the American Association of Colleges of Pharmacy. San Antonio, TX.
19. Ssemakula, M., Liao, G., Ellis, D., Kim, K., & **Sawilowsky, S. S.** (March, 2011). Manufacturing integrated learning lab (MILL): A curriculum model for hands-on manufacturing education. American Society for Engineering Education Annual Conference & Exposition. Vancouver, BC, Canada.

20. Ssemakula, M., Liao, G., Ellis, D., Kim, K., & **Sawilowsky, S. S.** (June, 2009). Introducing a flexible adaptation framework for implementing 'learning factory' – based manufacturing education. American Society for Engineering Education Annual Conference, Austin, TX.
21. Solomon, S., & **Sawilowsky, S. S.** (April, 2009). A Comparison of Ranking Methods for Normalizing Scores. Paper to be presented at the annual conference of the American Educational Research Association, SIG/Educational Statisticians. San Diego, CA.
22. Shulkin, B., & **Sawilowsky, S. S.** (August, 2006). Estimating the population median from a small sample. Paper presented at the annual conference of the American Statistical Association, Seattle, WA.
23. **Sawilowsky, S. S.** (August, 2003). A different future for social and behavioral science research. Annual Meeting of the American Psychological Association.
24. **Sawilowsky, S. S.**, & Yoon, J. (August 22, 2001). The trouble with trivials ( $p > .05$ ). 54rd Session of the International Statistical Institute. Seoul, Republic of Korea.
25. **Sawilowsky, S. S.**, & Lee, K. (April, 2001). The probable difference between two means when  $\sigma_1 \neq \sigma_2$ . Annual Meeting of the American Educational Research Association, SIG/Educational Statisticians. Seattle, WA.
26. Headrick, T., & **Sawilowsky, S. S.** (April, 2000). The rank transformation in factorial analysis of covariance. Annual Meeting of the American Educational Research Association, SIG/Educational Statisticians. New Orleans, LA.
27. Fahoome, G., & **Sawilowsky, S. S.** (April, 2000). Review of twenty nonparametric statistics and their large sample approximations. Annual meeting of the American Educational Research Association, SIG/Educational Statisticians, New Orleans, LA.
28. Headrick, T. C., & **Sawilowsky, S. S.** (June, 1999). Weighted simplex procedures for determining boundary values and constants for the power method. The 1999 International Meeting of the Psychometric Society: Lawrence, KS.
29. **Sawilowsky, S. S.** (April, 1999). A quick distribution-free test for trend that contributes evidence of construct validity. Annual meeting of the National Conference on Measurement in Education, Montreal, Canada.
30. **Sawilowsky, S. S.** (April, 1999). A measure of relative efficiency for location of a single sample. Annual meeting of the American Educational Research Association, SIG/Educational Statisticians, Montreal, Canada.
31. **Sawilowsky, S. S.** & Rothenberg, L. (April, 1999). Teaching random assignment: Do you believe it works? Annual meeting of the American Educational Research Association, SIG/Educational Statisticians, Montreal, Canada.
32. **Sawilowsky, S. S.** (January, 1999). A quick distribution-free test for trend that contributes evidence of construct validity. Statistics Symposium on Selected Topics in Nonparametric Statistics, Gainesville, FL.

33. Headrick, T., & **Sawilowsky, S. S.** (January, 1999). Type I error and power of the rank transform factorial ANCOVA. Statistics Symposium on Selected Topics in Nonparametric Statistics. Gainesville, FL.
34. Headrick, T., & **Sawilowsky, S. S.** (January, 1999). The best test for interaction in factorial ANOVA and ANCOVA. Statistics Symposium on Selected Topics in Nonparametric Statistics. Gainesville, FL.
35. Headrick, T., & **Sawilowsky, S. S.** (August, 1998). Simulating correlated multivariate nonnormal distributions: Extending the Fleishman Procedure. Joint Statistical Meetings, American Statistical Association. Anaheim, CA.
36. Headrick, T., & **Sawilowsky, S. S.** (April, 1998). Weighted simplex procedures for determining boundary points and constants for the power method. Annual Meeting of the American Educational Research Association, SIG/Educational Statisticians, San Diego, CA.
37. Headrick, T., & **Sawilowsky, S. S.** (April, 1998). Constants and boundary points for the Fleishman power method. Annual Meeting of the American Educational Research Association, SIG/Educational Statisticians, San Diego, CA.
38. Posch, M., & **Sawilowsky, S. S.** (August, 1997). A comparison of exact tests for the analysis of sparse contingency tables. Joint Statistical Meetings, American Statistical Association: Anaheim, CA.
39. Headrick, T. C., & Sawilowsky, S. S. (August, 1997). Simulating correlated multivariate non-normal distributions: Extending the Fleishman power method. The Joint Statistical Meetings, American Statistical Association: Anaheim, CA.
40. **Sawilowsky, S. S.** (April, 1997). Quasi-experimental design. American Educational Research Association, Division D, Measurement and Research Methodology; and SIG/Educational Statisticians, Chicago, IL.
41. Hillman, S. B., Wood, P. C., & **Sawilowsky, S. S.** (April, 1997). Self-protective mechanisms of academically at-risk African-American adolescents. American Educational Research Association, Division G; Division E; SIG/ Bilingual Education Research, Chicago, IL.
42. **Sawilowsky, S. S.** (June, 1996). Controlling experiment-wise type I error of meta-analysis in the Solomon four-group design. International Conference on Multiple Comparison Procedures. Tel Aviv, Israel.
43. **Sawilowsky, S. S.**, Bridge, P., & Nanna, M. (August, 1996). Comparison of parametric and nonparametric statistics with real data sets. Annual Meeting of the American Psychological Association, Division 5, Measurement and Evaluation. Toronto, Canada.
44. **Sawilowsky, S. S.**, Hoffman, A., & Field, S. (August, 1996). Development and analysis of a self-determination test battery. Annual Meeting of the American Psychological Association, Division 5, Measurement and Evaluation. Toronto, Canada.

45. Hillman, S. B., Wood, P. C., & **Sawilowsky, S. S.** (August, 1996). Self-protective mechanisms among stigmatized adolescents. Annual Meeting of the American Psychological Association, Division 45, The Society for the Psychological Study of Ethnic Minority Issues. Toronto, Canada.
46. **Sawilowsky, S. S.** (April, 1996) Encyclopedia of educational and psychological effect sizes. Annual Meeting of the American Educational Research Association, Division D, Measurement and Research Methodology, NY, NY.
47. Field, S., Hoffman, A., & **Sawilowsky, S. S.** (November, 1995). Promoting self-determination for youth with severe behavior disorders. 19th Annual Meeting of the Teacher Educators for Children with Behavioral Disorders. Tempe, AZ.
48. Kelley, D. L., & **Sawilowsky, S. S.** (April, 1995). Comparison of ANOVA, Blair-Sawilowsky, McSweeney, and Harwell-Serlin tests for interaction in the 2x2x2 layout. American Educational Research Association, SIG/Educational Statisticians. San Francisco, CA.
49. Assel, M., & **Sawilowsky, S. S.** (April, 1995). Suggestopedia and academic achievement. American Educational Research Association, SIG/Multilingual Education. San Francisco, CA.
50. **Sawilowsky, S. S.**, Kelley, D. L., & Blair, R. C. (August, 1994). Comparison of parametric and nonparametric tests of interaction in the 2x2x2 ANOVA layout. American Statistical Association, Joint Statistical Meetings, Toronto, Canada.
51. **Sawilowsky, S. S.**, Kelley, D. L., & Markman, B. S. (April, 1994). Comparative power of meta-analysis in the Solomon four-group design. Annual Meeting of the American Educational Research Association, Division D, Measurement and Research Methodology, New Orleans, LA.
52. Blair, R. C., & **Sawilowsky, S. S.** (April, 1994). Fixing the modified F test: two new approximate randomization tests. Annual Meeting of the American Educational Research Association, SIG/Educational Statisticians, New Orleans, LA.
53. Blair, R. C., & Sawilowsky, S. S. (1993). A distribution-free maximum test of location for two independent samples. Annual Meeting of the American Educational Research Association, SIG/Educational Statisticians.
54. Blair, R. C., & **Sawilowsky, S. S.** (August, 1993). Fixing the modified F test. Joint Statistical Meetings, Annual Meeting of the American Statistical Association, Division A, Biometrics, San Francisco, CA.
55. Sullivan, P., **Sawilowsky, S. S.**, Lewis, C. M., & Eng, A. M. (February 19, 1993). Yalom factor research: threats to internal validity. American Group Psychotherapy Association.
56. Field, S., Hoffman, A., & **Sawilowsky, S. S.** (November, 1992). Skills for self-determination. TASH: The Association for Persons with Severe Handicaps, San Francisco, CA.

57. Hillman, S., Wood, P. C., & **Sawilowsky, S. S.** (August, 1992). Three studies supporting self-protective mechanisms in stigmatized minority adolescents. Annual Meeting of the American Psychological Association, Division 45, The Society for the Psychological Study of Ethnic Minority Issues, Washington, D. C.
58. Field, S., Hoffman, A., St. Peter, S., & **Sawilowsky, S. S.** (August, 1992). Disability labels effects on perceptions and observations of self-determination. American Psychological Association, Division 33, Mental Retardation, Washington, D. C.
59. Blair, R. C., & **Sawilowsky, S. S.** (August, 1992). Type I error and power properties of the O'Brien and Brownie-Boos-Hughes Oliver  $t$  tests. Joint Statistical Meetings, Annual Meeting of the American Statistical Association, Division A, Biometrics, Boston, MA.
60. Blair, R. C., & **Sawilowsky, S. S.** (April, 1992). A comparison of the generalized and modified  $t$  tests. Annual Meeting of the American Educational Research Association, SIG/ Educational Statisticians, San Francisco, CA.
61. **Sawilowsky, S. S.**, & Hillman, S. B. (August, 1991). Sample size tables,  $t$ -test, and a prevalent psychometric distribution. Annual Meeting of the American Psychological Association, Division 5, Evaluation, Measurement, and Statistics, San Francisco, CA.
62. Hillman, S. B., & **Sawilowsky, S. S.** (August, 1991). Profiles of adolescent substance abstainers, users, and abusers. Annual Meeting of the American Psychological Association, Division 12, Clinical Psychology, San Francisco, CA.
63. **Sawilowsky, S. S.**, & Blair, R. C. (April, 1991). A more realistic look at the robustness of the independent and dependent samples  $t$  tests to departures from population normality. Annual Meeting of the American Educational Research Association, SIG/Educational Statisticians, Chicago, IL.
64. **Sawilowsky, S. S.**, Baerg, P., Boza, L. A. D., Kallmannsohn, M., Spencer, B., & Vollhardt, L. T. (April, 1991). Power analysis of the Brownie-Boos-Oliver  $t$  test for expected increases in treatment variability. Annual Meeting of the American Educational Research Association, SIG/Educational Statisticians, Chicago, IL.
65. Hillman, S. B., & **Sawilowsky, S. S.** (April, 1991). Substance use in a high school: A profile of abusers and users. Annual Meeting of the American Educational Research Association, SIG/Adolescence, Chicago, IL.
66. Hillman, S. B., Wood, P. C., & **Sawilowsky, S. S.** (April 10, 1991). Adolescent drug use and abuse. National Conference of The Troubled Adolescent: The Nation's Concern and Its Response, Milwaukee, WI.
67. Hillman, S. B., **Sawilowsky, S. S.**, Becker, M. J., & Ogilvie, L. A. (August, 1990). Effects of maternal Employment on Adolescent Substance Use. Annual Meeting of the American Psychological Association, Division 35, Psychology of Women, Boston, MA.

68. **Sawilowsky, S. S.,** & Blair, R. C. (April, 1990). A test for interaction based on the rank transform. Annual Meeting of the American Educational Research Association, SIG/Educational Statisticians, Boston, MA.
69. **Sawilowsky, S. S.,** & Markman, B. (April, 1990). Another look at the power of meta-analysis in the Solomon four-group design. Annual Meeting of the American Educational Research Association, Division D, Measurement and Research Methodology, Boston, MA.
70. Ogunyemi, O., & **Sawilowsky, S. S.** (January, 1990). An application of the systemic approach to instructional design. Annual Meeting of the Association for Educational Communications and Technology, Showcase of Achievement, Anaheim, CA.
71. **Sawilowsky, S. S.** (March, 1989). Rank transformation: the bridge is falling down. Annual Meeting of the American Educational Research Association, SIG/Educational Statisticians. San Francisco, CA.
72. **Sawilowsky, S. S.** (April, 1988). Limitations of the rank transform in analysis of variance. Annual Meeting of the American Educational Research Association. SIG/Educational Statisticians, New Orleans, LA.
73. **Sawilowsky, S. S.** (April, 1988). Moral education in public schooling: overt pedagogy or covert curricula? Annual Meeting of the American Educational Research Association, SIG/Religion in Education, New Orleans, LA.
74. Lavelly, L., Berger, N., Bullock, D., Follman, J., & **Sawilowsky, S. S.** (April, 1987). Expertise in teaching: expert pedagogues. Annual Meeting of the American Educational Research Association, Expertise in Teaching: The Role of Cognition, SIG/Teacher and Student Cognitions, Washington, D.C.
75. **Sawilowsky, S. S.,** & Blair, R. C. (April, 1987). Properties of the rank transformation statistic. Annual Meeting of the American Educational Research Association. Distinguished Papers From the State and Regional Research Associations: Eleventh Annual Session, SIG/State and Regional Research Associations, Washington, D. C.
76. **Sawilowsky, S. S.,** & Blair, R. C. (April, 1987). Type I error and power properties of the rank transform procedure in factorial ANOVA. Annual Meeting of the American Educational Research Association. Empirical Studies in Statistics, SIG/Educational Statisticians, Washington, D. C.
77. Lavelly, C., Berger, N., Bullock, D., Follman, J., Kromrey, J., & **Sawilowsky, S. S.** (March 5, 1987). Causes of the criterion problem in evaluation of effectiveness of teaching. Division G, Social Context of Education, American Education Research Association, Atlanta, GA.
78. Lavelly, C., Berger, N., Bullock, D., Follman, J., Kromrey, J., & **Sawilowsky, S. S.** (March, 1987). Teacher merit pay plan "fresh" ideas. American Education Research Association, Division G, Social Context of Education, Atlanta, GA.

79. Lavelly, C., Berger, N., Bullock, D., Follman, J., Kromrey, J., & **Sawilowsky, S. S.** (March, 1987). Role, duties, etc., of lead teachers in career ladder programs. American Educational Research Association, Division G, Social Context of Education, Atlanta, GA.
80. Lavelly, C., Berger, N., Bullock, D., Follman, J., Kromrey, J., & **Sawilowsky, S. S.** (February, 1987). Teacher merit pay plan "fresh" ideas. Association of Teacher Educators, Houston, Texas.
81. Lavelly, C., Berger, N., Bullock, D., Follman, J., Kromrey, J., & **Sawilowsky, S. S.** (February, 1987). Causes of the criterion problem in evaluation of effectiveness of teaching. Association of Teacher Educators, Houston, Texas.
82. Lavelly, C., Berger, N., Bullock, D., Follman, J., & **Sawilowsky, S. S.** (November, 1986). Causes of the criterion problem in teaching effectiveness. National Social Science Association, Tampa, FL.
83. **Sawilowsky, S. S.** (October, 1986). Teacher subject matter examinations in the Florida teacher merit pay plan. Society of Educators and Scholars, Eleventh Annual Conference, Bellarmine College, Louisville, Kentucky.
84. Lavelly, C., & **Sawilowsky, S. S.** (August, 1986). Development of teacher subject matter examinations in the Florida Teacher Merit Pay Plan. Association of Teacher Educators 1986 Summer Workshop, Northern Arizona University, Flagstaff, AZ.
85. Bullock, D., Lavelly, C., & **Sawilowsky, S. S.** (March, 1986). Subject matter test development for merit pay. Council for Exceptional Education, New Orleans, LA.
86. **Sawilowsky, S. S.**, Hines, C., & Hall, B. (February, 1986). Testing teachers for merit pay. American Association of Colleges of Teacher Education, Chicago, IL.
87. Berger, N., Lavelly, C., **Sawilowsky, S. S.**, & Ward, A. (October, 1985). Teacher subject area examinations in the Florida Teacher Merit Pay Program. Tenth National Conference of the Society of Educators and Scholars, Hackensack, NJ.

## 2. Invited and/or Refereed Locally/Regionally

### a. Invited

88. Reinstein, A., **Sawilowsky, S. S.**, & Taylor, E. (October, 2018). Cultural perspectives on audit failure: Understanding materiality with Judaic law. American Accounting Association Northeast Region Annual Meeting, Old Greenwich, Connecticut.
89. Reinstein, A., **Sawilowsky, S. S.**, & Taylor, E. (May, 2017). Using Judaic rules to develop new perspectives on materiality. American Accounting Association Ohio Region, Columbus, OH.
90. Reinstein, A., **Sawilowsky, S. S.**, & Taylor, E. (May, 2017). Using Judaic rules to develop new perspectives on auditors' materiality decisions. American Accounting Association Mid-Atlantic Region, Arlington, VA.



91. Reinstein, A., **Sawilowsky, S. S.**, & Taylor, E. (October, 2016). Applying Jewish Perspectives to Help Accountants and Auditors Understand Materiality. American Accounting Association Midwest Region, Chicago, IL.
92. **Sawilowsky, S. S.** (August, 2014). Research design and statistical analysis: II. RISEUP: Research Internships for a Sustainable Environment with Undergraduate Participation, Center for Peace and Conflict Studies. Detroit, MI.
93. **Sawilowsky, S. S.** (June, 2014). Research design and statistical analysis: I. RISEUP: Research Internships for a Sustainable Environment with Undergraduate Participation, Center for Peace and Conflict Studies. Detroit, MI.
94. **Sawilowsky, S. S.** (June, 2014). Research design and statistical analysis. RISEUP: Research Internships for a Sustainable Environment with Undergraduate Participation, Center for Peace and Conflict Studies. Detroit, MI.
95. **Sawilowsky, S. S.** (2012). New scholarly citation metrics: S-index, h'-index, and unique IP downloads vs. social media mentions (CiteULike bookmarks, Delicious bookmarks, Facebook, Mendeley, Twitter and Wikipedia." Wayne State University Research Connect: Current and emerging trends in research evaluation. Elsevier and WSU: Detroit, MI.
96. **Sawilowsky, S. S.** (2002). Fermat, Schubert, Einstein, and Behrens-Fisher: The probable difference between two means when  $\sigma_1 \neq \sigma_2$ . University of Central Michigan Math Department Colloquium, Mt. Pleasant, MI.
97. **Sawilowsky, S. S.** (Winter, 1998). Reading the ANOVA table - top down or bottom up? Letters with Norman Anderson. Invited presentation at the Detroit Chapter of the American Statistical Association, Farmington Hills, MI.
98. **Sawilowsky, S. S.**, and Blair, R. C. (November 14, 1986). An examination of the rank transformation in factorial ANOVA. Invited Paper Session, Annual Meeting of the Florida Educational Research Association, Tampa, FL.

#### Refereed

99. Reinstein, A., Sawilowsky, S. S., & Taylor, E. (April, 2017). Using Judaic rules to develop new perspectives on materiality. Southeast Regional Annual Meeting, American Accounting Association, Miami, FL.
100. Rothenberg, L., & **Sawilowsky, S. S.** (October, 1998). A comparison of seven robust estimators of location using real data sets. Annual Meeting of the Midwest Educational Research Association, Chicago, IL.
101. Rothenberg, L., & **Sawilowsky, S. S.** (March 22, 1997). Teaching random assignment. Midwest Conference on Teaching Statistics. Oshkosh, WI.
102. Kelley, D. L., **Sawilowsky, S. S.**, & Blair, R. C. (October, 1994). Comparison of ANOVA, McSweeney, Harwell-Serlin, and Blair-Sawilowsky tests in the balanced 2x2x2 layout. Annual Meeting of the Mid-Western Educational Research Association, Chicago, IL.

103. Assel, M., & **Sawilowsky, S. S.** (October, 1994). Effects of suggesopedia on multilingual students' reading, math, and science skills. Annual Meeting of the Mid-Western Educational Research Association, Chicago, IL.
104. **Sawilowsky, S. S.**, Kelley, L., & Markman, B. (October, 1993). Power of meta-analysis in the Solomon Four-group design. Annual Meeting of the Mid-Western Educational Research Association, Chicago, IL.
105. Blair, R. C., & **Sawilowsky, S. S.** (October, 1992). A distribution-free maximum test of location for two independent samples. Annual Meeting of the Mid-Western Educational Research Association, Chicago, IL.
106. Blair, R. C., & **Sawilowsky, S. S.** (October, 1991). Confounding covariates in nonrandomized studies. Annual Meeting of the Mid-Western Educational Research Association, Chicago, IL.
107. **Sawilowsky, S. S.**, & Markman, B. S. (October, 1990). Guilt. Annual Meeting of the Mid-Western Educational Research Association, Chicago, IL.
108. Snyder, J., & **Sawilowsky, S. S.** (October, 1990). A qualitative analysis of communication skills in the Detroit compact initial project. Annual Meeting of the Mid-Western Educational Research Association, Chicago, IL.
109. Snyder, J., & **Sawilowsky, S. S.** (January, 1990). A qualitative analysis of communications skills in the Detroit compact initial project. Annual Meeting of the Michigan Educational Research Association, Novi, MI.
110. Hillman, S. B., Becker, M. J., Ogilvie, L. A., & **Sawilowsky, S. S.** (October, 1989). Adolescence: substance use and abuse. Annual Meeting of the Michigan Psychological Association, Novi, MI.
111. Ogunyemi, O., & **Sawilowsky, S. S.** (October, 1989). An application of the systemic approach to instructional design in the Detroit compact. Annual Meeting of the Mid-Western Educational Research Association, Chicago, IL.
112. **Sawilowsky, S. S.** (October, 1988). Failure of the expected normal and random normal transform in experimental design. 10th Annual Meeting of the Mid-West Educational Research Association, Chicago, IL.
113. Lavelly, C., Berger, N., Bullock, D., Follman, J., Kromrey, J., & **Sawilowsky, S. S.** (March, 1987). Causes of the criterion problem in evaluation of effectiveness of teaching. North Carolina Association for Research in Education, Raleigh, NC.
114. Lavelly, C., Berger, N., Bullock, D., Follman, J., Kromrey, J., & **Sawilowsky, S. S.** (March, 1987). A descriptive profile of the Florida associate master teacher. North Carolina Association for Research in Education, Raleigh, NC.
115. Lavelly, C., Berger, N., Bullock, D., Follman, J., Kromrey, J., & **Sawilowsky, S. S.** (March, 1987). Role, duties, etc., of lead teachers in career ladder programs. North Carolina Association for Research in Education, Raleigh, NC.
116. Lavelly, C., Berger, N., Bullock, D., Follman, J., Kromrey, J., & **Sawilowsky, S. S.** (January, 1987). Role, duties, etc., of lead teachers in career ladder programs. Southwest Educational Research Association, Dallas, Texas.

117. Lavelly, C., Berger, N., Bullock, D., Follman, J., Kromrey, J., & **Sawilowsky, S. S.** (January, 1987). Teacher merit pay plan "fresh" ideas. Southwest Educational Research Association, Dallas, Texas.
118. Lavelly, C., Berger, N., Bullock, D., Follman, J., Kromrey, J., & **Sawilowsky, S. S.** (January, 1987). Expertise in teaching: expert pedagogues. Southwest Educational Research Association, Dallas, Texas.
119. Lavelly, C., Follman, J., & **Sawilowsky, S. S.** (November, 1986). Causes of the criterion problem in evaluation of the effectiveness of teaching. Mid-South Educational Research Association, Memphis, Tennessee.
120. Lavelly, C., Hines, C., Kromrey, J., & **Sawilowsky, S. S.** (November, 1986). Survey of characteristics of Florida master teachers. Mid-South Educational Research Association, Memphis, Tennessee.
121. Lavelly, C., Berger, N., Bullock, D., Follman, J., & **Sawilowsky, S. S.** (November, 1986). Expertise in teaching: expert pedagogues. Mid-South Educational Research Association, Memphis, Tennessee.
122. **Sawilowsky, S. S.**, & Follman, J. (November, 1986). Teacher merit pay plan 'fresh' ideas. 1986 Annual Meeting, Mid-South Educational Research Association, Memphis, Tennessee.
123. Lavelly, C., Berger, N., Bullock, D., Follman, J., Hines, C., Kromrey, J., & **Sawilowsky, S. S.** (November, 1986.) A descriptive profile of the Florida Associate Master Teacher. 1986 Annual Meeting, Florida Educational Research Association, Tampa, FL.
124. Lavelly, C., Berger, N., Bullock, D., Follman, J., Kromrey, J., & **Sawilowsky, S. S.** (October, 1986). Causes of the criterion problem in the evaluation of effectiveness of teaching. Florida Association For Supervision and Curriculum Development, Orlando, FL.
125. Lavelly, C., Follman, J., & **Sawilowsky, S. S.** (March, 1986). Florida teacher subject matter knowledge test development for merit pay. Eastern Educational Research Association, Miami Beach, FL.
126. **Sawilowsky, S. S.** & Bullock, D. (February, 1986). Florida teacher subject matter test development for merit pay. Southeast Educational Research Association, Baton Rouge, LA.
127. Lavelly, C., **Sawilowsky, S. S.**, & Berger, N. (January, 1986). Merit pay in Florida. Southwestern Educational Research Association, Houston, Texas.
128. Lavelly, C., **Sawilowsky, S. S.**, Berger, N., Hall, B., Hines, C., & Follman, J. (November, 1985). Florida teacher subject matter knowledge test development for merit pay. Florida Educational Research Association, Miami, FL.
129. Berger, N., Follman, J., & **Sawilowsky, S. S.** (November, 1985). Content area tests for merit pay. Mid-South Educational Research Association, Biloxi, Mississippi.

130. Berger, N., Follman, J., & **Sawilowsky, S. S.** (October, 1985). Florida teacher subject matter knowledge test development for merit pay. Northern Rocky Mountain Educational Research Association, Jackson, Wyoming.

#### Refereed Symposia

131. **Sawilowsky, S. S.** (April, 1988). Moral education in the schools: Hidden curriculum or overt pedagogy? Annual Meeting of the American Educational Research Association, SIG/Religion and Education. New Orleans, LA.
132. Lavelly, C., Berger, N., Hines, C., & **Sawilowsky, S. S.** (April, 1987). Teacher Subject Matter Examinations in the Florida Merit Pay Plan. 1987 Annual Meeting of the National Council on Measurement in Education, Washington, D.C.
133. Lavelly, C., Berger, N., Bullock, D., Follman, J., Hall, B., Hines, C., **Sawilowsky, S. S.**, & Ward, A. (November, 1985). Statewide test development. Florida Educational Research Association, Miami, FL.

#### **M. Invited Seminars, Lectures, Panels**

134. **Sawilowsky, S. S.** (March, 2017). Equidistant Letter Sequence. *Limuud* Michigan, Wayne State University.
135. **Sawilowsky, S. S.** (May, 2016). *Survey sampling, design, and analysis*. Provost's Office, Wayne State University.
136. **Sawilowsky, S. S.** (May, 2016). *Tips for successful transition from High School to College*. University Bound Summer Program - Schoolcraft College & Macomb Community College. Mission Possible Graduation, Wayne State University.
137. **Sawilowsky, S. S.** (May, 2015). *Meeting faculty expectations for undergraduate transfer students: The senior college springboard to graduate school*. University Bound Summer Program - Schoolcraft College & Macomb Community College. Mission Possible Graduation, Wayne State University.
138. **Sawilowsky, S. S.** (March, 2015). *Research Design*. Chief Residents, Administrative Leadership, Chief a3. Fnd Associate Program Directors, & Internal Medicine Residency, School of Medicine, Wayne State University.
139. **Sawilowsky, S. S.** (February, 2015). *Test construction: Validity*. Chief Residents, Administrative Leadership, Chief and Associate Program Directors, & Internal Medicine Residency, School of Medicine, Wayne State University.
140. **Sawilowsky, S. S.** (December, 2014). *Test construction: Reliability*. Chief Residents, Administrative Leadership, Chief and Associate Program Directors, & Internal Medicine Residency, School of Medicine, Wayne State University.
141. **Sawilowsky, S. S.** (November, 2014). *Research Design*. Chief Residents, Administrative Leadership, Chief and Associate Program Directors, & Internal Medicine Residency, School of Medicine, Wayne State University.

142. **Sawilowsky, S. S.** (May, 2014). *How to succeed in college without having had the benefit of common core.* University Bound Summer Program - Schoolcraft College & Macomb Community College. Mission Possible Graduation, Wayne State University.
143. **Sawilowsky, S. S.** (March, 2014). *Research Design.* Chief Residents, Administrative Leadership, Chief and Associate Program Directors, & Internal Medicine Residency, School of Medicine, Wayne State University.
144. **Sawilowsky, S. S.** (November, 2013). *Test construction: Validity.* Chief Residents, Administrative Leadership, Chief and Associate Program Directors, & Internal Medicine Residency, School of Medicine, Wayne State University.
145. **Sawilowsky, S. S.** (November, 2013). *Test construction: Reliability.* Chief Residents, Administrative Leadership, Chief and Associate Program Directors, & Internal Medicine Residency, School of Medicine, Wayne State University.
146. **Sawilowsky, S. S.** (May, 2013). *Community college is not the end – it is the means to university and graduate school: What is in it for you and what is in it for us.* University Bound Summer Program - Schoolcraft College & Macomb Community College. Mission Possible Graduation, Wayne State University.
147. **Sawilowsky, S. S.** (February, 2013). *Research Design.* Chief Residents, Administrative Leadership, Chief and Associate Program Directors, & Internal Medicine Residency, School of Medicine, Wayne State University.
148. **Sawilowsky, S. S.** (February, 2013). *Data Analysis.* Chief Residents, Administrative Leadership, Chief and Associate Program Directors, & Internal Medicine Residency, School of Medicine, Wayne State University.
149. **Sawilowsky, S. S.** (November, 2013). *Test construction: Validity.* Chief Residents, Administrative Leadership, Chief and Associate Program Directors, & Internal Medicine Residency, School of Medicine, Wayne State University.
150. **Sawilowsky, S. S.** (November, 2013). *Test construction: Reliability.* Chief Residents, Administrative Leadership, Chief and Associate Program Directors, & Internal Medicine Residency, School of Medicine, Wayne State University.
151. **Sawilowsky, S. S.** (March, 2012). *Mastery level test construction and item statistics.* Eugene Applebaum College of Pharmacy and Health Sciences, Wayne State University.
152. **Sawilowsky, S. S.** (March, 2012). *Research Design.* Chief Residents, Administrative Leadership, Chief and Associate Program Directors, & Internal Medicine Residency, School of Medicine, Wayne State University.
153. **Sawilowsky, S. S.** (February, 2012). *H-index.* College of Education, Wayne State University.
154. **Sawilowsky, S. S.** (February, 2012). *Data Analysis.* Chief Residents, Administrative Leadership, Chief and Associate Program Directors, & Internal Medicine Residency, School of Medicine, Wayne State University.

155. **Sawilowsky, S. S.** (December, 2011). *Test construction: Validity*. Chief Residents, Administrative Leadership, Chief and Associate Program Directors, & Internal Medicine Residency, School of Medicine, Wayne State University.
156. **Sawilowsky, S. S.** (November, 2011). *Test construction: Reliability*. Chief Residents, Administrative Leadership, Chief and Associate Program Directors, & Internal Medicine Residency, School of Medicine, Wayne State University.
157. **Sawilowsky, S. S.** (June, 2011). *Transition from Pirchei Shoshanim Rabbinical Journal to Yalkut Pirchei Shoshanim*. Plenary session, 10<sup>th</sup> annual conference of *Yeshiva Pirchei Shoshanim*. Monticello, NY: Kutsher's Country Club.
158. **Sawilowsky, S. S.** (March, 2011). *Data Analysis*. Chief Residents, Administrative Leadership, Chief and Associate Program Directors, & Internal Medicine Residency, School of Medicine, Wayne State University.
159. **Sawilowsky, S. S.** (February, 2011). *Research Design*. Chief Residents, Administrative Leadership, Chief and Associate Program Directors, & Internal Medicine Residency, School of Medicine, Wayne State University.
160. **Sawilowsky, S. S.** (December, 2010). *Test construction: Validity*. Chief Residents, Administrative Leadership, Chief and Associate Program Directors, & Internal Medicine Residency, School of Medicine, Wayne State University.
161. **Sawilowsky, S. S.** (November, 2010). *Test construction: Reliability*. Chief Residents, Administrative Leadership, Chief and Associate Program Directors, & Internal Medicine Residency, School of Medicine, Wayne State University.
162. **Sawilowsky, S. S.** (October, 2010). *Kabalah: Introduction to theoretical Jewish mysticism*. Oakland University, Rochester, MI.
163. **Sawilowsky, S. S.** (September, 2010). *Chasidus: Introduction to Jewish philosophy*. Oakland University, Rochester, MI.
164. **Sawilowsky, S. S.** (March, 2010). *Data Analysis*. Chief Residents, Administrative Leadership, Chief and Associate Program Directors, & Internal Medicine Residency, School of Medicine, Wayne State University.
165. **Sawilowsky, S. S.** (February, 2010). *Research Design*. Chief Residents, Administrative Leadership, Chief and Associate Program Directors, & Internal Medicine Residency, School of Medicine, Wayne State University.
166. **Sawilowsky, S. S.** (December, 2009). *Test construction: Validity*. Chief Residents, Administrative Leadership, Chief and Associate Program Directors, & Internal Medicine Residency, School of Medicine, Wayne State University.
167. **Sawilowsky, S. S.** (November, 2009). *Test construction: Reliability*. Chief Residents, Administrative Leadership, Chief and Associate Program Directors, & Internal Medicine Residency, School of Medicine, Wayne State University.
168. **Sawilowsky, S. S.** (March, 2009). *Data Analysis*. Chief Residents, Administrative Leadership, Chief and Associate Program Directors, & Internal Medicine Residency, School of Medicine, Wayne State University.

169. **Sawilowsky, S. S.** (February, 2009). *Research Design*. Chief Residents, Administrative Leadership, Chief and Associate Program Directors, & Internal Medicine Residency, School of Medicine, Wayne State University.
170. **Sawilowsky, S. S.** (December, 2008). *Test construction: Validity*. Chief Residents, Administrative Leadership, Chief and Associate Program Directors, & Internal Medicine Residency, School of Medicine, Wayne State University.
171. **Sawilowsky, S. S.** (November, 2008). *Test construction: Reliability*. Chief Residents, Administrative Leadership, Chief and Associate Program Directors, & Internal Medicine Residency, School of Medicine, Wayne State University.
172. **Sawilowsky, S. S.** (March, 2008). *Research Design*. Chief Residents, Administrative Leadership, Chief and Associate Program Directors, & Internal Medicine Residency, School of Medicine, Wayne State University.
173. **Sawilowsky, S. S.** (February, 2008). *Data Analysis*. Chief Residents, Administrative Leadership, Chief and Associate Program Directors, & Internal Medicine Residency, School of Medicine, Wayne State University.
174. **Sawilowsky, S. S.** (December, 2007). *Test construction: Validity*. Chief Residents, Administrative Leadership, Chief and Associate Program Directors, & Internal Medicine Residency, School of Medicine, Wayne State University.
175. **Sawilowsky, S. S.** (November, 2007). *Test construction: Reliability*. Chief Residents, Administrative Leadership, Chief and Associate Program Directors, & Internal Medicine Residency, School of Medicine, Wayne State University.
176. **Sawilowsky, S. S.** (March, 2007). *Research Design*. Chief Residents, Administrative Leadership, Chief and Associate Program Directors, & Internal Medicine Residency, School of Medicine, Wayne State University.
177. **Sawilowsky, S. S.** (February, 2007). *Data Analysis*. Chief Residents, Administrative Leadership, Chief and Associate Program Directors, & Internal Medicine Residency, School of Medicine, Wayne State University.
178. **Sawilowsky, S. S.** (December, 2006). *Test construction: Validity*. Chief Residents, Administrative Leadership, Chief and Associate Program Directors, & Internal Medicine Residency, School of Medicine, Wayne State University.
179. **Sawilowsky, S. S.** (November, 2006). *Test construction: Reliability*. Chief Residents, Administrative Leadership, Chief and Associate Program Directors, & Internal Medicine Residency, School of Medicine, Wayne State University.
180. **Sawilowsky, S. S.** (March, 2006). *Research Design*. Chief Residents, Administrative Leadership, Chief and Associate Program Directors, & Internal Medicine Residency, School of Medicine, Wayne State University.
181. **Sawilowsky, S. S.** (February, 2006). *Data Analysis*. Chief Residents, Administrative Leadership, Chief and Associate Program Directors, & Internal Medicine Residency, School of Medicine, Wayne State University.

182. **Sawilowsky, S. S.** (December, 2005). *Test construction: Validity*. Chief Residents, Administrative Leadership, Chief and Associate Program Directors, & Internal Medicine Residency, School of Medicine, Wayne State University.
183. **Sawilowsky, S. S.** (November, 2005). *Test construction: Reliability*. Chief Residents, Administrative Leadership, Chief and Associate Program Directors, & Internal Medicine Residency, School of Medicine, Wayne State University.
184. **Sawilowsky, S. S.** (March, 2005). *Research Design*. Chief Residents, Administrative Leadership, Chief and Associate Program Directors, & Internal Medicine Residency, School of Medicine, Wayne State University.
185. **Sawilowsky, S. S.** (February, 2005). *Data Analysis*. Chief Residents, Administrative Leadership, Chief and Associate Program Directors, & Internal Medicine Residency, School of Medicine, Wayne State University.
186. **Sawilowsky, S. S.** (January, 2004). *Test construction*. Cleary College, Ann Arbor, MI.
187. **Sawilowsky, S. S.** (December, 2004). *Test construction: Validity*. Chief Residents, Administrative Leadership, Chief and Associate Program Directors, & Internal Medicine Residency, School of Medicine, Wayne State University.
188. **Sawilowsky, S. S.** (November, 2004). *Test construction: Reliability*. Chief Residents, Administrative Leadership, Chief and Associate Program Directors, & Internal Medicine Residency, School of Medicine, Wayne State University.
189. **Sawilowsky, S. S.** (March, 2004). *Research Design*. Chief Residents, Administrative Leadership, Chief and Associate Program Directors, & Internal Medicine Residency, School of Medicine, Wayne State University.
190. **Sawilowsky, S. S.** (February, 2004). *Data Analysis*. Chief Residents, Administrative Leadership, Chief and Associate Program Directors, & Internal Medicine Residency, School of Medicine, Wayne State University.
191. **Sawilowsky, S. S.** (December, 2003). *Test construction: Validity*. Chief Residents, Administrative Leadership, Chief and Associate Program Directors, & Internal Medicine Residency, School of Medicine, Wayne State University.
192. **Sawilowsky, S. S.** (November, 2003). *Test construction: Reliability*. Chief Residents, Administrative Leadership, Chief and Associate Program Directors, & Internal Medicine Residency, School of Medicine, Wayne State University.
193. **Sawilowsky, S. S.** (2003). *Test construction*. GTA Orientation, Office for Teaching and Learning, Wayne State University.
194. **Sawilowsky, S. S.** (2002). *Test construction*. College of Nursing, Wayne State University.
195. **Sawilowsky, S. S.** (2002). *Test construction*. Faculty Development Workshop, Office For Teaching and Learning, Wayne State University.
196. **Sawilowsky, S. S.** (2001). *Test construction*. Graduate Teaching Assistant Development Workshop, Graduate School, Wayne State University.
197. **Sawilowsky, S. S.** (2001). *Test construction*. Cleary College, Howell, MI.



198. **Sawilowsky, S. S.** (2001). *Test construction*. Faculty Development Workshop, Office For Teaching and Learning, Wayne State University.
199. **Sawilowsky, S. S.** (2001). *Test construction*. Faculty Development Workshop, Wayne County Schools, Detroit, MI.
200. **Sawilowsky, S. S.** (2001). *Test construction*. Graduate Teaching Assistant Development Workshop, Graduate School, Wayne State University.
201. **Sawilowsky, S. S.** (2000). *Test construction*. College of Medicine, Wayne State University.
202. **Sawilowsky, S. S.** (2000). *Test construction*. Faculty Development Workshop, Office For Teaching and Learning, Wayne State University.
203. **Sawilowsky, S. S.** (2000). *Test construction*. Graduate Teaching Assistant Workshop, Graduate School, Wayne State University.
204. **Sawilowsky, S. S.** (1999). *Test construction*. Faculty Development Workshop, Oakland County Schools, Oak Park, Michigan.
205. **Sawilowsky, S. S.** (1999). *Test construction*. Faculty Development Workshop, Office For Teaching and Learning, Wayne State University.
206. **Sawilowsky, S. S.** (1999). *Test construction*. Graduate Teaching Assistant Workshop, Graduate School, Wayne State University.
207. **Sawilowsky, S. S.** (1998). *Test construction*. Graduate Teaching Assistant Workshop, Graduate School, Wayne State University.
208. **Sawilowsky, S. S.** (1997). *Test construction*. Graduate Teaching Assistant Workshop, Graduate School, Wayne State University.
209. **Sawilowsky, S. S.** (1995). *Test construction*. College of Education Faculty Development Workshop, Wayne State University.
210. **Sawilowsky, S. S.** (Winter, 1989). *Nonparametric tests of interaction: Theory*. Research Dialogue Series, College of Education, Wayne State University.
211. **Sawilowsky, S. S.** (Fall, 1989). *Nonparametric tests of interaction: Practice*. Research Dialogue Series, College of Education, Wayne State University.

#### **IV. Service**

##### **A. Administrative Appointments at Wayne State University in Last Five Years** **Assistant Dean**

1. Division of Administration and Organizational Studies, January, 2009 – August, 2010.
2. Division of Theoretical and Behavioral Foundations, January, 2009 – August, 2010.

##### **Interim Assistant Dean**

3. Division of Administration and Organizational Studies, January, 2008 – August, 2008.
4. Division of Theoretical and Behavioral Foundations, January, 2008 – August, 2008.

## Department Chair

5. Program Coordinator - Evaluation and Research, College of Education. 1994 – 2009.

## **C. Committee Assignments**

### 1. University Committee Chaired

1. Center and Institute Advisory Committee, 2002-2005
  - a. Subcommittee: Center for Arts and Public Policy, 2004-2005
2. Budget Committee (Responsibility Centered Management), 2017-2018
  - a. Subcommittee: Incentive and Performance Methodologies (Co-Chair)

### 2. University Committee Membership

3. Master's Recruitment and Retention Scholarship Committee, 2015-2017
4. Review Advisory Panel, Department of Industrial & Systems Engineering, 2012-2014.
5. Center and Institute Advisory Committee, 2002 - 2006
  - a. Subcommittee: Cohn-Haddow Center, 2003
  - b. Subcommittee: Center for Chicano-Boricua Studies, 2003
  - c. Subcommittee: Center for Urban Studies, 2002
6. University Research Grant Program, 2004
7. Graduate Professional Scholarship Committee, 1998-2003, 2007, 2012, 2013, 2015-2016
8. University Research Grant Committee, 2001
9. Graduate Faculty Fellowship Committee, 2001
10. Outstanding Mentor Award Committee, 1999-2000
11. Ad Hoc Committee to Study University Ph. D. Commission Recommendations, 1999 - 2000
12. Review Committee: College of Education, 1997 - 1998
13. President's Award For Excellence in Teaching Committee, 1996-1997
14. President's Award For Excellence in Teaching Committee, 1995-1996
15. Student Academic Preparedness Committee, Academic Senate, 1995
16. Division of Computing and Information Technology Consultant, 1995
17. Developmental Disabilities Institute, University Affiliated Programs, University Faculty Committee. 1990-1994
18. WSU Assessment of Student Knowledge Committee, 1992 - 1993.
19. Part-Time Faculty Survey Committee, 1991.

### 3. College/Department Committees Chaired

20. EER Faculty Search Committee (Quantitative), 2019 – 2020.
21. Doctoral Advisory Committee, 2017 – 2018
22. EER Self-Evaluation Study, 2017 - 2018

23. EER Student Handbook, 2016-2018
24. EER Faculty Search Committee (Qualitative), 2012-2013, 2014-2015
25. Educational Leadership Faculty Search Committee, 2009-2010.
26. Instructional Technology Faculty Search Committee, 2009-2010.
27. Counseling & Rehabilitation Counseling Faculty Search Committee, 2009-2010.
28. College Plagiarism Committee, 2009.
29. College of Education Personnel Committee (signed faculty evaluations), 1995-1996, 1999-2003, 2014-2015
30. EER Faculty Search Committee (Quantitative): 1994-1995, 1995-1996, 2007-2008, 2008-2009, 2019-2020; (Qualitative) 2013-14
31. College of Education Assessment Committee, 1990-1994
32. TBF Division Head Search Committee, 1989.

#### 4. College/Department Committee Membership

33. College of Education Scholarships Reviewer, 2016.
34. Data analysis conducted for TEAC Committee, 2016.
35. EER Faculty Search Committee (Quantitative), 2012-2013, 2014-2015.
36. Data analysis conducted for NCATE/TEAC Committee, 2011 – 2013.
37. College Personnel Committee, 1994 - 1996, 1997 – 2009, 2011 – 2014, 2020 – present.
38. Doctoral Academic Standards Committee, 1994 – 2009.
39. Replacement Equipment Committee, 1992 – 2000
40. Year 2000 Planning Committee, 1998-2000
41. College Curriculum Committee, 1996 - 1998
42. College of Education Excellence in Teaching Award Committee, 1995-1996
43. Computer Services Center Director Search Committee, 1995-1996
44. WSU – Lviv Institute of Management, Ukraine Collaborative Committee, 1995
45. College of Education Flint Curriculum and Instruction Doctoral Formation Committee, 1994
46. LAN System Advisory Committee, 1992
47. Junior Science and Humanities Symposium, 1992.
48. WSU-Oak Park Collaborative Committee, 1991
49. Phone-a-thon Research Committee, 1991
50. Faculty Executive Committee, 1989-1990
51. Evaluation Specialist, Detroit Compact Initial Project, 1987-1990
52. WSU COE – Johns Hopkins University Center on Effective Schooling for Disadvantaged Students Collaborative Planning Committee, 1989.
53. Detroit Compact Planning Committee, New Detroit, 1987-1988
54. Theoretical & Behavioral Foundations Personnel Committee, 1987-1989

### 5. Intra College Service

55. 2003, April. Reviewer: R01 Mock Review. The Center for Health Research, College of Nursing.
56. 2003, May. Reviewer: R01 Mock Review. The Center for Health Research, College of Nursing.

### **D. Positions Held in Professional Associations**

57. President, American Educational Research Association, SIG/ Educational Statisticians, 2008-2009.
58. Program Chair, American Educational Research Association, SIG/Educational Statisticians, 2008 annual conference.

### **F. Professional Consultation**

Entries in this section that represent litigation support, and extramural funding on projects wherein I was hired by the grant after it was obtained (i.e., my *c.v.* was not submitted with the proposal.)

#### 2017-2020

1. Type: Litigation Support

Name: <Redacted – In Progress>

Support: Research Design, Data Analysis, Program Evaluation

Nature of case: Foster care

Product <In progress>

#### 2018-2019

2. Type: Litigation Support

Name: Michigan v. N. A. Peeler, D.C. File No. 16TD-1685-FY, 67<sup>th</sup> District Court for the County of Genesee

Support: Statistical Quality Control

Product: Unnamed expert for Defendant

#### 2017-2019

3. Type: Litigation Support

Name: M. B. et al v. Seve Corsi, et al., Case #: No. 2:170-cv4102-NKL, United States District Court, Western District of Missouri, Central Division.

Support: Research analysis

Nature of case: Foster care

Product: Reports, Expert for Defendants

4. Type: Consulting  
Name: Algebra Nation  
Support: Data Analysis  
Product: Report

5. Type: Consulting  
Name: S-CCATE and S-CCATE II Test Validation: The Michigan Elementary and Middle Schools Principal Association (MEMSPA). MEMSPA, Mason, MI; and Center for Educational Improvement, Vienna, VA  
Support: Psychometrics and Factor Analysis  
Product: Report, peer-reviewed publications

#### 2016-2019

6. Type: Litigation Support  
Name: Mothe, B. S. v. Joint Committee on Intercollegiate Examinations, Specialty Board in General Surgery, United Kingdom  
Support: Psychometrics on standardized testing  
Nature of Case: Determining equitable national surgery specialty pass mark  
Product: Affidavit, Testified for Claimant

#### 2014-2018

7. Type: External Affiliation  
Name: Oaklander Lab, Massachusetts General Hospital Nerve Unit, & Harvard Medical School Department of Neurology. External collaborator, Statistician and Psychometrician.  
Support: Statistical Analysis  
Product: Peer-reviewed publications

#### 2016

8. Type: Consulting  
Name: Intel  
Support: Software Tools Beta Tester, Parallel Studio XE 2018 Fortran 2008/2015 draft  
Product: Report

#### 2014-2017

9. Type: Research Support  
Name: Michigan Department of Energy, Labor, & Economic Growth, King-Chavez-Parks Mission Possible: Graduation, S. Q. Kanoyton, P.I.  
Support: Program Evaluation  
Nature of Project: Minority High School to College Transition  
Product: Data analysis, Program Evaluation

## 2016

10. Type: Litigation Support

Name: National Association of Forensic Counselors, Inc., et al. v. Narconon International, et al. Case No. 14-cv-00187-RAW, United States District Court for the Eastern District of Oklahoma

Support: Data Analysis

Nature of case: Professional Certification Methodology, Economic Damages

Product: Documents review, internal consultation for Defendants

## 2015-2016

11. Type: Consulting

Name: Analgesic Solutions, Natick, MA

Nature of Project: Development of Medical Assessments

Support: Psychometric analysis

Product: Standardized Test

## 2015

12. Type: Litigation Support

Name: Johnson et al., vs. Emergency Medical Services Authority, Oklahoma Public Trust.  
Case No. CJ-2012-1021, District Court, Tulsa County, Oklahoma

Support: Sampling and statistical analysis

Nature of Case: Extirpate Alleged Class Action Numerosity

Product: Prepared Report, Deposed, Testified for Defendant

## 2013-2014

13. Type: Litigation Support

Name: Stouffer et al. vs. Union Pacific Railroad Company and Smith Industries, Inc. Case No. 12-15024F, 116th District Court, Dallas County, Texas

Support: Statistical prediction modeling

Nature of case: Highway-Rail Grade Crossing Accident

Product: Internal Report, Unnamed Expert for Defendant

14. Type: Litigation Support

Name: Cassie, M. et al. vs. Lincoln D. Chafee, the State of Rhode Island and Providence Plantations, et al., Case No. 1:07-cv-00241-ML-LDA

Support: Research Design, Qualitative & Quantitative Program Evaluation, Data Analysis

Nature of case: Foster care

Product: Submitted reports for Defendants, Deposed.

### 2011-2014

15. Type: Research Support

Name: Michigan Department of Energy, Labor, & Economic Growth, King-Chavez-Parks

Mission Possible: Graduation, S. Q. Kanoyton, P.I.

Support: Program Evaluation

Nature of Project: Minority High School to College Transition

Product: Data analysis, Program Evaluation

### 2013

16. Type: Legal Support

Name: Young Basile Hanlon & MacFarlane, P. C., Troy, MI.

Support: Statistics

Nature of Case: Commercial economic software

Product: Warrantee forecasting.

### 2011 – 2013

17. Type: Litigation Support

Name: Connor, B. et al. vs. Deval L. Patrick, the State of Massachusetts, et al., Case No. 3:10-cv-30073, U. S. District Court

Support: Research Design, Psychometrics, Data Analysis

Nature of case: Foster Care

Product: Submitted reports for Defendants, Deposited.

### 2010 – 2011

18. Type: Litigation Support

Name: D. G. et al. vs. C. Brad Henry, the State of Oklahoma, et al., Case No. 08 CV-07 4GKF FHM, U. S. District Court

Support: Quantitative & Qualitative Research Design, Psychometrics, Program Evaluation, Data Analysis

Nature of case: Foster Care

Product: Submitted reports for Defendants, Deposited

### 2011

19. Type: Litigation Support

Name: Calloway vs. Detroit Public Schools

Nature of case: Whistleblower, Unlawful discharge

Support: Data Analysis

Product: Undisclosed Expert for Defendant

2010 – 2011

20. Type: Consulting  
Name: Dynamic Rehabilitation, Troy, MI  
Nature of project: Marketing Research  
Support: Data Analysis  
Product: Internal reports

2010

21. Type: Litigation Support  
Name: Ogden vs. Saint Mary's Medical Center et al., Case No. 06-11721, U.S.D.C, MI  
Nature of case: Mitigation of Economic Damages  
Support: Discovery/Deposition Assistance  
Product: Undisclosed Expert for Defendant

22. Type: Litigation Support  
Name: R. Landin vs. Healthsource Saginaw, Case File No. 08-002400-NZ-3, U.S.D.C., Michigan  
Nature of case: Mitigation of Economic Damages  
Support: Discovery/Deposition Assistance  
Product: Undisclosed Expert for Defendant

2008 – 2010

23. Type: Litigation Support  
Name: Dwayne B. et al. vs. Jennifer Granholm, the State of Michigan, et al., Case No. 2:06-cv-13548, U. S. District Court  
Nature of case: Foster Care  
Support: Research Design, Data Analysis, Program Evaluation  
Product: Submitted Report for Defendants, Deposed

2008 – 2009

24. Type: Research Support  
Name: Michigan Department of Energy, Labor, & Economic Growth, King-Chavez-Parks Initiative, S. Q. Kanoyton, P.I.  
Support: Program Evaluation  
Nature of Project: Minority High School to College Transition  
Product: Data analysis, Program Evaluation



2007 – 2009

25. Type: Consulting

Name: Devereux Foundation, Philadelphia, PA

Nature of project: Standardized Resiliency Test for Infants and Toddlers

Support: Psychometrics, National Test Norms, Paper-to-Software Port

Product: *DECA-IT*, Technical Manual

2009

26. Type: Litigation Support

Name: Caudill et al. vs. Sears Transition Pay Plan et al., Case No. 06-12866, U. S. District Court, MI

Nature of case: ERISA

Support: Data Analysis, Report.

Product: Undisclosed Expert for Defendant

27. Type: Litigation Support

Name: Terry E. Lange vs. Russo Group Enterprises, d/b/a Lochmoor Chrysler-Jeep Case No. 09-001762-CD, U. S. District Court, MI

Nature of case: Mitigation of Economic Damages

Support: Discovery/Deposition Assistance

Product: Undisclosed Expert for Defendant

28. Type: Litigation Support

Name: Powers vs. Post News-Week Stations, Inc., (WDIV Channel 4), U. S. District Court, MI

Nature of case: Mitigation of Economic Damages

Support: Discovery/Deposition Assistance

Product: Undisclosed Expert for Defendant

2007 – 2008

29. Type: Consulting

Name: BCBS of Michigan, IBU Unit

Nature of project: Modeling Sales Incentives

Support: Data Analysis

Product: Internal report

30. Type: Litigation Support

Name: Allen et al. vs. Sears et al., Case No. 2:07-cv-11706, U. S. District Court, MI

Nature of case: Age Discrimination

Support: Data Analysis

Product: Undisclosed Expert for Defendant

31. Type: Litigation Support

Name: Bobbitt et al. v. Academy et al., Case No. 2:07-cv-10742, U. S. District Court, MI

Nature of Case: False Advertising

Support: Documentary Analysis, Data Analysis

Product: Submitted report for Defendant

32. Type: Research Support

Name: Michigan Department of Energy, Labor, & Economic Growth, King-Chavez-Parks Initiative, S. Q. Kanoyton, P.I.

Support: Program Evaluation

Nature of Project: Minority High School to College Transition

Product: Data analysis, Program Evaluation

### 2002 – 2003

33. Type: Litigation Support

Name: Donnetta Brown et al. vs. Board of Education of the Ann Arbor Public Schools, Case No. 01-1106-CL

Nature of case: Racial Bias in Hiring and Promotion

Support: Data Analysis

Product: Submitted report for Defendant

### Circa 1999

34. Type: Litigation Support

Name: City of Detroit vs. Defendants 2 & 3, Detroit Sergeants and Lieutenants Test

Nature of case: Fraud

Support: Psychometrics, Data Analysis

Product: Testified in Arbitration Hearing for Defendants

### Circa 1998

35. Type: Litigation Support

Name: City of Detroit vs. Defendant 1, Detroit Sergeants' and Lieutenants' Test

Nature of case: Fraud

Support: Psychometrics, Data Analysis

Product: Deposed for Defendant

### 1995

36. Type: Consulting

Name: Medical Review Officer Certification Council Examination

Nature of project: Test equating at Wayne State University School of Medicine

Support: Psychometrics

Product: Test equating formula

37. Type: Consulting

Name: University of North Florida; Urban Community Service Collaborative Project, High Schools, Agencies, and Students

Nature of case: Urban students' transition from school to work

Support: Program Evaluator

Product: Internal Report

38. Type: Litigation Support

Name: Colleen Ostrander vs. Detroit Edison Company/Hunt Construction, Circuit Court for the County of Wayne, State of Michigan, Case No. 04-404926-CD.

Nature of Case: Mitigation of Economic Damages

Support: Data Analysis

Product: Report for Defendants

1994

39. Type: Consulting

Name: Michigan Employment Security Commission, Dept. of Labor, State of Michigan

Nature of project: *Employment Service Questionnaire*.

Support: Psychometrics of biodata

Product: Development of the *ESQ*

40. Type: Consulting

Name: High School Transition Skills, MI

Nature of project: Special Education students' transition from school to work

Support: Program Evaluator

Product: Report

1993

41. Type: Consulting

Name of project: Delayed Sternal Closure After Neonatal Cardiac Surgery

Support: Data Analysis

Product: Evaluation Report

Circa 1992

42. Type: Litigation support

Name: Plaintiff vs. Code Alarm, Detroit, MI

Nature of case: Salary Inequity Based on Gender Bias, Unlawful Discharge

Support: Psychometrics, Data Analysis

Product: Testified for Defendant

### Circa 1990-1991

43. Type: Litigation Support

Name: Smith vs. Marvin et al., Detroit, MI

Nature of case: Medical Malpractice

Support: Documentary Analysis, Data Analysis

Product: Deposed, Evidentiary Hearing for Defendant

### 1972-1973

44. Type: Research Support

Name: "Investigation of the spatial and temporal variations in wind motions in the height range of 80 to 100 kilometers as determined by the radio meteor technique." NSF Grant GA-26626 and NASA Grant NGL 11-002-004; R. G. Roper, Georgia Institute of Technology.

Nature of project: Joint project of the Inter-Union Commission on Solar-Terrestrial Physics (Toronto, Canada) and the General Assembly of the International Union of Geodesy and Geophysics (Moscow, USSR).

Product: Produced transmitter timing and overload protective circuitry.

## **G. Journal/Editorial Activity**

### 1. Editor

#### 2000 – Present

1. Founding editor, *Journal of Modern Applied Statistical Methods*

#### 2011 – 2012

2. Founding editor, *Yalkut Pirchei Shoshanim* (formerly *Pirchei Shoshanim Rabbinical Journal*)

#### 2008 – 2011

3. *Pirchei Shoshanim Rabbinical Journal*

### 2. Article Editor

4. *Sage Open*

### 3. Editorial Board Memberships

#### 2011 – present

5. *Springer-Verlag*

#### 2008 – present

6. *BMC Medical Research Methodology*
7. *The Open Psychology Journal*

2009 – 2011

8. *Michigan Journal of Counseling*

1993 – 1995

9. *Psychological Bulletin*

1985 – 1987

10. *Florida Journal of Educational Research*

Ad Hoc (Periodic) Reviews

2019 - present

11. Complexity

2018 – present

12. *Advanced Manufacturing Technology*

2017 – present

13. *American Journal on Intellectual and Developmental Disabilities*  
14. *The Clinical Neuropsychologist*  
15. *Cogent Medicine*  
16. *International Invention Journal of Arts and Social Sciences*  
17. *International Scholarly Research Notices*

2016 – present

18. *Exceptional Children*

2015 – present

19. *Communications in Statistics: Theory and Methods*  
20. *International Journal of Analysis*  
21. *Journal of Autism and Development*  
22. *Journal of Reliability and Statistical Studies*  
23. *Kuwait Journal of Science*  
24. *Statistics and Probability Letters*  
25. *The Journal of Social Sciences Research*

2014 – present

26. *Applied Mathematics*  
27. *Multivariate Behavioral Research*

2012 - present

28. *Scientific Research and Essays*

2008 – present

- 29. *Annals of Epidemiology*
- 30. *BioMed Central Medical Research Methodology*

2007 – present

- 31. *Statistics in Medicine*

2006 – present

- 32. *Acta Odontologica Scandinavica*

2005 - present

- 33. *Journal of Experimental Education*
- 34. *Measurement and Evaluation in Counseling and Development*

2002 - present

- 35. *Educational Researcher*
- 36. *Psychological Science*

2000 - present

- 37. *Computational Statistics and Data Analysis*
- 38. *Journal of Nonparametric Statistics*
- 39. *Social Behavior and Personality: An International Journal.*

1999 - present

- 40. *Psychometrika*

1998 - present

- 41. *Journal of Educational and Behavioral Statistics*

1998

- 42. *Journal of the American Medical Association: Internal Medicine.* (Formerly *Archives of Internal Medicine*)

1995 - present

- 43. *Journal of Statistics Education*
- 44. *Psychological Methods*

1992 - present

- 45. American Educational Research Association, Division D, Measurement and Research Methodology

46. *British Journal of Mathematical and Statistical Psychology*
47. *Perceptual and Motor Skills*
48. *Psychological Reports*

1989 - 2009

49. American Educational Research Association/SIG Educational Statisticians

1991 - 1993; 1995 - 1996

50. *Psychological Bulletin*

1990 - 1996

51. National Council on Measurement in Education

1989 - 1990

52. American Educational Research Association/SIG Religion and Education

4. Prepublication Textbook Reviewer

53. Chapelle, C. (2019, under review). *Argument-based validation in testing and assessment*. Sage.
54. Salkind, N., & Shaw, N. (2019, under review). *Statistics for people who (think they) hate statistics – using R*. Sage, Revised Ed.
55. Aldrich, J. O., & Cunningham, J. B. (2019, under review). Using IBM SPSS statistics, 3<sup>rd</sup> edition. Sage.
56. Salkind, N. (2018). *Statistics for people who (think they) hate statistics – using R*. Sage.
57. Devlin, A. S. (2018, under review). The research experience: Planning, conducting, and reporting research. Sage.
58. Aldrich, J. O., & Cunningham, J. B. (2017). Using IBM SPSS statistics second edition. Sage.
59. Furr, M. *Psychometrics!* (2017, under review). Sage.
60. Privitera, G., & Ahlgrim-Delzell, L. (2017, under review). *Research methods for education*. Sage.
61. Young, R. E., Chelst, K. R., Edwards, T. G., Keene, K., Norwood, K., & Pugalee, D. (under review.) *Mathematics instruction using decision science and engineering tools*.
62. Spickard, J. V. (2017). *Research basics: Design to data analysis in six steps*. Thousand Oaks, CA: Sage.
63. Aberson, C. L. (2016). *Applied power analysis for the behavioral sciences*, 2nd edition. Routledge Psychology, Taylor & Francis.
64. Furr, R. M., & Bacharach, V. R. (2015). *Psychometrics: An introduction*, 2nd ed. Thousand Oaks, CA: Sage.

65. Mertler, C. A. (2015). *Introduction to educational research*, 7th ed. Thousand Oaks, CA: Sage
66. Elliot, A. C., & Woodward, W. A. (2015). *Statistical analysis quick reference guidebook: With SPSS Examples*, 2nd ed. Thousand Oaks, CA: Sage.
67. Johnson, B., & Christensen, L. (2014). *Educational research: Quantitative, qualitative, and mixed approaches*. 5th ed. Sage. ISBN: 9781452244402.
68. Frey, B. B. (2013). *Modern classroom assessment*. Sage. 9781452203492.
69. Johnson, R. B. (2013). *Educational research: Quantitative, qualitative, and mixed approaches*. Sage. 9781483321660.
70. Grissom, R. J., & Kim, J. J. (2011) *Effect sizes for research: A broad practical approach*, 2nd ed. Taylor & Francis. ISBN: 9780415877695.
71. Aberson, C. L. (2010). *Applied power analysis for the behavioral sciences*. Routledge. ISBN: 978-1-84872-835-6.
72. Drew, C. J., Hardman, M. L., & Hosp, J. L. (2008). *Designing and conducting research in education*. Sage. ISBN: 9781412960748.
73. Anderson, N. H. (2006). *Empirical direction in design and analysis*. Erlbaum. ISBN: 0-8058-3978-X.
74. Grissom, R. J., & Kim, J. J. (2005) *Effect sizes for research*. Taylor & Francis. ISBN: 0-8058-50140-7.
75. Urdan, T. C. (2005). *Statistics in plain English*, 2nd ed. Erlbaum. ISBN: 9780805852417.
76. Dunn-Rankin, P., Knezek, G. A., & Wallace, S. (2004). *Scaling methods*, 2nd ed. ISBN: 9780805818024.
77. Magniant, R. C. P. (2003). *Art therapy with older adults: A sourcebook*. Thomas. ISBN: 0-398-07457-7.
78. Schinka, J. A., Velicer, W. F., & Weiner, I. B. (Eds.) (2003). *Handbook of psychology: Research methods in psychology*, (Vo. 2). Wiley. ISBN: 0-471-484-3-8.
79. Urdan, T. C. (2001). *Statistics in plain English*. ISBN: 9780805834420.
80. Kelley, D. L. (1999). *Measurement made accessible*. Sage. ISBN: 0-7619-1023-9.
81. Elmore, P. B., & Woehlke, P. L. (1997). *Basic statistics*. Addison-Wesley. ISBN: 0-673-98556-3.
82. Cliff, N. (1996). *Ordinal methods for behavioral data analysis*. Erlbaum. ISBN: 978-0805813333. Harper-Collins College Publisher Book Acquisition Consultant, 1995.

#### 5. 2014 - present

74. PhDTree.org ([phdtree.org](http://phdtree.org))
75. Associate Editor, Mathematics



6. External Reviewer for Promotion, Credentialing, Membership

2017

76. University of Texas at Arlington (Candidate for Assistant to Associate Professor & Tenure)

2013

78. *PStat* Certification (American Statistical Association)  
79. Frank Castronova  
80. Michael Wolf-Branigin

2008

81. Colorado School of Mines (Candidate for Associate to Full Professor)

2005

Fellow, Royal Statistical Society

82. Scott Millis, MD

Circa 2000

83. Colorado School of Mines (Candidate for Assistant to Associate Professor & Tenure)

2020 - present

7. Ad Hoc Grant Reviewer

84. Singapore National Institute of Education, Office of Educational Research

7. Online Contributor

1999 - Present

85. Mathematics Genealogy Project (<http://genealogy.math.ndsu.nodak.edu/>)

Professor Shlomo S. Sawilowsky

Honors

- 2017 Faculty Scholarship Award, College of Education, Wayne State University  
 2016 Lilly Conference on Evidence-Based Teaching and Learning Outstanding Poster Award  
 2013 & 2014 Nominated for Nobel Peace Prize by Hyderabad University, India; University of Botswana, Africa; Universidade Federal de Pernambuco, Brazil  
 2004 American Educational Research Association Publications: Outstanding Professional Service Award  
 2000-2002 Wayne State University: Distinguished Faculty Fellow  
 1999 Wayne State University: Faculty Mentor Award  
 1998 Wayne State University: Outstanding Graduate Mentor Award  
 1997 Wayne State University College of Education: Award for Excellence in Teaching  
 1995 Wayne State University President's Award: For Excellence in Teaching  
 1995 Wayne State University: Career Development Award  
 1987 11<sup>th</sup> Annual Distinguished Papers, State/Regional Associations, American Educational Research Association

Certifications

- PStat (Accredited Professional Statistician, American Statistical Association)  
 CStat (Chartered Statistician, Royal Statistical Society, UK)

Scholarly Productivity

Founding Editor (2002-present), <i>Journal of Modern Applied Statistical Methods</i> (www.jmasm.com) (h-index=36, g-index=74 i-10/100 index=184/10, Citations=8,984, Cites/year=499.1, Articles = 1,136)			
Publications	300	Presentations	211
Grants/Earmarks	40	Grant/Earmark Dollars	\$13,101,395
h-Index	32	i-10/i-100 Index	65/11
g-Index	67	Citations (Google Scholar)*	5,076
Cites/Year (Google Scholar)	140.6	Cites in ProQuest Dissertations & Theses	1,094
Journals Serve(d) as Reviewer	48	Prepublication Textbooks Reviewed	30
Different Graduate Courses Taught	20	Graduate Courses Developed	9
Undergraduate Courses Taught	1	Undergraduate Courses Developed	2
Litigation Support (Lawsuits)	27	Consulting	16

\*Includes 155 citations for various misspellings of "Sawilowsky".

Completed (N=229)

- Ph. D./Ed. D. EER Dissertations Chaired: 94  
 Ph. D./Ed. D. EER Dissertations Co-Chaired/2<sup>nd</sup> Advisor: 8  
 Ph. D. Cognate Advisor: 3  
 Ph. D./Ed. D. EER Committee Member: 11  
 Ph. D./Ed. D. EER ABD: 10  
 Ph. D./Ed. D. Non-EER Committee Member: 66  
 M. Ed. EER Theses Chaired: 37

In Progress (N=50)

- Ph. D./Ed. D. EER Dissertations Chairing: 15  
 Ph. D. Co-Chair: 1  
 Ph. D./Ed. D. EER Doctoral Academic Advising: 16  
 Ph./Ed. D. Non-EER Comm. Member in Progress: 5  
 M. Ed. EER Coursework/Theses in Progress: 1  
 M. Ed. EER Academic Advising: 12

Positions Held in Professional Organization

- President, American Educational Research Association (AERA), SIG/ Educational Statisticians  
 Annual Meeting Program Committee Chair, AERA, SIG/Educational Statisticians

Administrative Positions Held at College of Education, Wayne State University

- Assistant Dean, Divisions of Administration & Organizational Studies and Theoretical & Behavioral Foundations  
 Program Coordinator, Evaluation and Research, College of Education, Wayne State University

Prolific Advisor Rank #3 (N = 257,685 since 1213 C.E.; www.genealogy.math.ndsu.nodak.edu/extrema.php)  
 Erdős #: Paul Erdős (0), Alexander G. Felzenbaum (1), Yosef Hochberg (2), R. C. Blair (3), S. S. Sawilowsky (4)