

CURRICULUM VITA

STEPHEN A. SIVO

Statistics, Measurement, & Research Methodology

Educational Research, Technology, & Leadership

College of Education

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ACADEMIC BACKGROUND

Ph.D. **TEXAS A&M UNIVERSITY**, College Station, TX
1997 *Major:* Educational Psychology (with honors)
 Specialization: Research, Measurement, and Statistics
 Honors: Kappa Delta Pi

B.A. **FRANCISCAN UNIVERSITY**, Steubenville, OH
1987 *Major:* Psychology (with honors)
 Minor: Philosophy (27 credit hours)
 Honors: Alpha Chi National Honor Society,
 National Dean's List,
 National Student Government Award

PROFESSIONAL EXPERIENCE

- 05/05- **Associate Professor**, Department of Educational Research,
 Technology, & Leadership, College of Education, University of
 Central Florida, Orlando, FL *Teaching Load 3/3*
- Editorial Board for Educational and Psychological Measurement
 - Teaching structural equation modeling, multivariate statistics, other quantitative methods, research design, survey research, measurement theory, assessment, and qualitative research.
 - Served on more than 100 dissertation committees, chairing eleven (11), co-chairing seven (7) - (*service requirement of position*).
 - Elected to the Faculty Senate, Chaired Grad. Curriculum Committee
 - Served on University Research Committee evaluating grants/awards
 - Served on the University Undergraduate Research Council
 - Chaired College Adv. Graduate Admission and Retention Committee
 - Served on College Strategic Planning Committee.
- Adjunct Professor** for the College of Business Administration teaching structural equation modeling and multivariate statistics since 2002.

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- 08/00 – 05/05 **Assistant Professor**, Department of Educational Research, Technology, & Leadership, College of Education, University of Central Florida, Orlando, FL *Teaching Load 3/3*
- 08/96 – 07/00 **Assistant Professor**, School of Psychology/ Assessment, College of Education & Psychology, James Madison University, Harrisonburg, VA
- Taught structural equation modeling, multivariate statistics, advanced measurement theory.
 - Psy.D. Faculty for Assessment and Measurement and Clinical Psychology
 - As an assistant professor in the Psy.D. Assessment and Measurement program, I worked with graduate students to serve Student Affairs and five academic departments with program evaluation, assessment, measure construction, analysis, and the review of program objectives.
 - Served on Doctoral and Masters student thesis committees to assist with research methodology and statistical analysis.
- 08/94 – 08/96 **Coordinator of Research Design and Statistical Support**, College of Education, Texas A&M University, College Station, TX
- Advised the Faculty, Doctoral Candidates, and Graduate Students regarding statistical analysis, measurement construction, evaluation, and research plan development.
- 05/93 – 08/94 **Psychometrician/ Industrial Psych. Intern**, Training Center, Pennsylvania Power and Light (PP&L) Nuclear Power facility, Berwick, PA. Participated in job task analyses, evaluated the psychometric properties of achievement scores, and joined in the overall test design process. A strong emphasis was placed on the use of generalizability theory.
- Co-facilitated multiple item review teams charged to evaluate the performance of assessment measures used for promotion and contractual hiring.
 - Conducted a wide range of quantitative analyses to evaluate the performance achievement tests.
 - Participated in job task analyses, conducted in preparation for test development.
 - Strong emphasis on the application of generalizability theory in the evaluation of test and performance data.

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- 05/92 – 05/93 **Coordinator of Research Design and Statistical Support**,
College of Education, Texas A&M University, College Station, TX
- Advised the Faculty, Doctoral Candidates, and Graduate Students regarding statistical analysis, measurement construction, evaluation, and developing a research plan.
- 08/91 – 05/92 **Research Assistant** Department of Educational Psychology,
College of Education, Texas A&M University, College Station,
TX.
- Provided research support and computing assistance for graduate students.
 - Computing assistance particularly included help with SPSS and SAS software, MVS and VM operating systems.
- 1987 – 1991 **Mental Health Emergency Evaluator and Counselor**, Mental
Health Resource Center, Jacksonville, FL
- Evaluated and Admitted psychiatric patients (adults and adolescents) in crisis to a secure inpatient facility.
 - Diagnosed and counseled psychiatric patients in crisis.
- 06/91 – 07/91 **Primary Counselor** for creatively gifted children, Creative
Scholar's Program, Northwestern State University,
Natchitoches, LA.
- 08/89 – 05/91 **Research Assistant**, Northwestern State University,
Natchitoches, LA.
- Taught both graduate students and faculty data entry and statistical analyses using SPSSx software.
 - Assisted graduate students in Masters thesis development.
- 08/87 – 05/89 **Teaching Assistant**, Northwestern State University,
Natchitoches, LA.
- Taught five Experimental Psychology laboratory classes.
- 01/87 – 05/87 **Clinical Intern**, Jefferson County Community Mental Health
Center, Steubenville, OH.
- Assisted in providing group therapy for persons with schizophrenia and bipolar disorder.

HONORS AND AWARDS

- 2008 Elected Co-Chair of the Structural Equation Modeling SIG of the American Educational Research Association (and, by default, Chair for 2009).
- 2008 Certificate of Appreciation for Outstanding Service to the Faculty Senate.
- 2005 Research Incentive Award (RIA) by the University of Central Florida
For Research Excellence awarded \$5000.00 permanently to 9 month base salary
- 2005 Teaching Incentive Program Award (TIP) by the University of Central Florida
For Teaching Excellence awarded \$5000.00 permanently to 9 month base salary
- 2002 Certificate for Outstanding Service
Awarded by Southwestern Educational Research Association
- 2001 Certificate for Outstanding Service
Awarded by Southwestern Educational Research Association
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PROFESSIONAL CERTIFICATIONS

- 2003 English Speakers of Other Languages (ESOL) Strategies Training Program
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RESEARCH AND CREATIVE ACTIVITIES

Research foci:

- Advancing the methodology of Structural Equation Modeling by evaluating features used to assess model estimation, fit, and power using Monte Carlo simulation.
- Developing and evaluating an integration of econometric and psychometric models (e.g., growth curve) to longitudinal panel data using structural equation modeling.
- Evaluating the viability and utility of Information System models, such as the Technology Acceptance Model, for explaining the psychological role technology plays in training/educational efficacy.

DISSERTATION

- Sivo, S.A. (1997). Modelling causal error structures in longitudinal data *Dissertation Abstracts International*, 58, 04B. (University Microfilms No. AAG9729271).

PEER REVIEWED BOOKS

Fan, X., Felsovalyi, A., **Sivo, S.A.** & Keenan, S. (2002). *SAS for Monte Carlo studies: A guide for quantitative researchers*. Cary, North Carolina: SAS Institute.

- More than 2,028 books have been sold internationally since January, 2003. Some of the countries include Australia, Canada, Mexico, Saudi Arabia, Taiwan, and the United Kingdom.
- Book review by Nathan Vandergrift (2004) published in the journal, *Structural Equation Modeling*, Overall, I found this book to be concise, well-written, and full of useful tools for my own research.,
- Editorial book review by Ziegel (2003) published in the American Statistical Association journal, *Technometrics notes*, This is certainly one book from the excellent Books by Users series at SAS that I am delighted to have in my collection÷ If you are a SAS user who does any simulation studies, you will want a copy of this book.,
- Editorial book review by Allen (2006) published in the Journal of the American Statistical Association notes, This book can serve as a valuable reference for researchers who have a need for MCS, who already use SAS, and who are not already experienced and proficient in conducting MCS studies.

JOURNAL ARTICLES (Refereed)**National/International** *Mentored Student

26. Fan, X., & **Sivo, S.** (in press). Using Δ Goodness-of-Fit Indices in Assessing Mean Structure Invariance. *Structural Equation Modeling*.
25. *Katt, J., McCroskey, J., **Sivo, S.**, Richmond, V., & Valencic, K. (in press). Testing the General Theory of Instructional Communication Model. *Communication Quarterly*.
24. **Sivo, S.**, & Fan, X. (2008). The Latent Curve ARMA (p, q) Panel model: Longitudinal data analysis in educational research and evaluation. *Educational Research and Evaluation*, 14(4), 363-376.
23. Angelopoulos, T.J., Miles, M.P., Lowndes, J., **Sivo, S.A.**, Seip, R.L., Pescatello, L.S., Zoeller, R.F., Visich, P.S., Gordon, P.M., Moyna, N.M., & Thompson, P. D. (2008). Apolipoprotein E Genotype and gender influence C-reactive protein levels regardless of exercise training status. *Metabolism: Clinical and Experimental*, 57, 1204-1210.
22. Fan, X., & **Sivo, S.** (2007). Sensitivity of fit indices to model misspecification and model types. *Multivariate Behavioral Research*, 42(3), 509-529.
21. **Sivo, S.A.**, * Pan, C.C. & Hahs-Vaughn, D. (2007). Combined longitudinal effects of attitude and subjective norms on student outcomes in a web-enhanced hybrid course: A structural equation modeling approach. *British Journal Educational Technology*, 38(5), 861-875.
20. Angelopoulos, T.J., **Sivo, S.A.**, Kyriazis, G.A., Caplan, J.D., Zoeller, R.F., Moyna, N.M., & Thompson, P.D. (2007). Do age and baseline LDL cholesterol levels determine the effect of regular exercise on plasma lipoprotein cholesterol and apolipoprotein B levels? *European Journal of Applied Physiology*, 101(5), 621-628.

19. Kyriazis, G.A., Caplan, J.D., Lowndes, J., * Carpenter, R.L., Dennis, K.E., **Sivo, S.A.**, & Angelopoulos, T.J. (2007). Moderate exercise-induced energy expenditure does not alter leptin levels in sedentary obese men. *Clinical Journal of Sport Medicine*, 17(1), 49-51.
18. **Sivo, S.A.**, Saunders, C., * Chang, Q., & Jiang, J.J. (2006). How low should you go? Low response rates and the validity of inferences in IS research using questionnaires. *Journal of the Association of Information Systems*, 7(6), 351-414.
17. **Sivo, S.A.**, Fan, X., Witta, E.L., & * Willse, J. (2006). The search for "optimal" cutoff properties: Fit index criteria in structural equation modeling. *Journal of Experimental Education*, 74(3), 267-288. [8% accepted the year published]
16. Ford, R., **Sivo, S.**, Fottler, M., * Dickson, D., Bradley, K., & Johnson, L. (2006). Aligning internal organizational factors with a service excellence mission: An exploratory investigation in healthcare. *Health Care Management Review*, 31(4), 259-269.
15. **Sivo, S.A.**, Fan, X., & Witta, E.L. (2005). The biasing effects of unmodeled ARMA time series processes on latent growth curve model estimates. *Structural Equation Modeling*, 12 (2), 215-232.
14. **Sivo, S.**, & * Pan, C. (2005). Undergraduate engineering and psychology students' use of a course management system: A factorial invariance study of user characteristics and attitudes. *The Journal of Technology Studies*, 31(2), 94-103.
13. Fan, X., & **Sivo, S.** (2005). Evaluating the sensitivity and generalizability of SEM fit indices while controlling for severity of model misspecification. *Structural Equation Modeling*, 12 (3), 343-367.
12. * Pan, C., **Sivo, S.**, Gunter, G., & Cornell, R. (2005). Students' perceived ease of use of an e-learning management system: An exogenous or endogenous variable? *Journal of Educational Computing Research*, 33 (3), 285-307.
11. * Pan, C., Gunter, G., **Sivo, S.**, & Cornell, R. (2005). End-user acceptance of a learning management system in two hybrid large-sized introductory undergraduate courses. *Journal of Educational Technology Systems*, 33(4), 355-365.
10. **Sivo, S. A.**, * Pan, C. C., & Brophy, J. (2004). Temporal cross-lagged effects between subjective norms and students' attitudes regarding the use of technology. *Journal of Educational Media and Library Sciences*, 42(1), 63-74.
9. * Pan, C. C., **Sivo, S.A.** & Brophy, J. (2003). Students' attitude in a web-enhanced hybrid course: A structural equation modeling inquiry. *Journal of Educational Media and Library Sciences*, 41(2), 181-194.
8. Hayes, B. G., Taub, G.E., Robinson, E. H., & **Sivo, S.A.** (2003). An empirical investigation of the efficacy of multimedia instruction in counseling skill development. *Counselor Education & Supervision*, 42, 177-188. [18% acceptance rate]

7. **Sivo, S.A.** (2001). Multiple indicator stationary time series models. *Structural Equation Modeling: A Multidisciplinary Journal*, 8(4), 599-612.
[7% accepted in 2001]
6. Taub, G.E., Hayes, B. G., Cunningham, W.R., & **Sivo, S.A.** (2001). Relative roles of cognitive ability and practical intelligence in the prediction of success. *Psychological Reports*, 88, 931-942.
5. **Sivo, S.A.**, & Willson, V.L. (2000). Modelling causal error structures in longitudinal panel data: A Monte Carlo study. *Structural Equation Modeling: A multidisciplinary journal*, 7(2), 174-205.
[7% accepted in 2000]
4. Lawson, D.M., & **Sivo S.A.** (1998). Trainee conjugal family experience, current intergenerational family relationships and the therapeutic alliance. *Journal of Marriage and Family Therapy*, 24(2), 225-231.
[15 - 20% acceptance rate]
3. **Sivo, S.A.**, & Willson, V.L. (1998). Is parsimony always desirable? Identifying the correct model for a longitudinal panel data set. *Journal of Experimental Education*, 66(3), 249-255.
2. Cifuentes, L., **Sivo, S.**, Reynolds, T. (1997). Building partnerships between preservice teachers and inservice teachers: A project facilitated by interactive videoconferencing. *International Journal of Educational Telecommunications*, 3(1), 61-82. [10 - 19% acceptance rate]
1. Albrecht, D.D., Carpenter, D.S. & **Sivo, S.A.** (1994). The effect of college activities and grades on job placement potential. *National Association of Student Personnel Administrators*, 31(4), 290-297.
[11-20% acceptance rate]

JOURNAL ARTICLES ACCEPTED WITH REVISION (Refereed)

Witta, E.L., & **Sivo, S.A.** (revised and resubmitted). Re-examining cognitive decrements in the cognition of the elderly: A latent growth modeling approach. *Aging and Mental Health*.

REVISED MANUSCRIPTS RESUBMITTED (Refereed Journals)

National/International *Mentored Student

Sivo, S., * Ray, S. & Robinson, E. H. (revised and resubmitted). Mean structure analysis of character education data: Contrasting Florida schools. *Journal for Research in Character Education*.

Hirumi, A., **Sivo, S.**, & Pounds, K. (revised and resubmitted) Measuring the effects of storytelling on learners' motivation and performance over-time. *Educational Technology Research & Development*.

Smith, J., & Sivo, S. (revised and resubmitted) Teacher Technology Acceptance and Continuance Intention in a Statewide Online Teacher Professional Development (oTPD) Course. *Journal of Research on Technology in Education*.

MANUSCRIPTS UNDER REVIEW (Refereed Journals)

National/International

**Mentored Student*

- * Ray, S., Sivo, S. & Robinson, E. H. (under review). Latent factor differences among student, parent, and teacher responses to a character education measure: A factorial invariance study. *Social Studies Research & Practice*.
- * Sen, S., & Sivo, S.A. (under review). The effect of technology acceptance on post-secondary African American students' achievement in mathematics: A path analytic inquiry. *International Journal of Mathematical Education in Science and Technology*.
- Sivo, S.A., & * Pan, C.C. (under review). The cross-lagged technology acceptance model: Evaluating stochastic patterns in system-user characteristics over time.
- Witta, E.L. & Sivo, S. (under review). Latent growth modeling: Explaining cognitive decline in the elderly.
- Witta, E. L., & Sivo, S.A. (under review). Measuring cognitive functioning: An empirical investigation of the psychometric properties of a cognitive measure.

JOURNAL ABSTRACTS (Refereed - listed on Web of Science)

**Mentored Student*

- Zukley L, * Lowndes J, * Carpenter RL, Peel JB, Fiutem JJ, Sivo S, Greenstone CL, Angelopoulos TJ, & Rippe JM (2005). Association between C-reactive protein and cardiorespiratory fitness in overweight and obese women is independent of adiposity. *Circulation*, 111 (14), E228-E228 P213.
- * Lowndes, J., Zukley, L., Fiutem, J.J., Nguyen, V., Dube, T.J., Yount, B., Sivo, S., Melton, R., Melanson, K., Greenstone, C., Angelopoulos, T.J., & Rippe, J.M. (2005). The impact of caloric restriction and exercise on various components of the metabolic syndrome in women. *Circulation*, 111(4), E79-E79.
- * Lowndes, J., Dube, T.J., Yount, B., Zukley, L., Sivo, S., LeBaron, B., Angelopoulos, T.J., & Rippe, J.M. (2004). Does BMI or waist circumference correlate better with risk factors associated with obesity. *International Journal of Obesity*, 29 (1), S.
- Dube, T.J., Yount, B., LeBaron, B., * Lowndes, J., Zukley, L., Sivo, S., Angelopoulos, T.J., & Rippe, J. (2004). The relationship of hs-CRP to metabolic syndrome diagnostic criteria and cardiovascular risk factors. *International Journal of Obesity*, 29 (1), S.

Yount, B., Dube, T.J., Zukley, L., Fiutem, J.J., LeBaron, B., * Lowndes, J., **Sivo, S.**, Angelopoulos, T.J., & Rippe, J. (2004). Association of serum C-reactive protein with cardiorespiratory fitness in middle-aged, sedentary, overweight/obese adults. *International Journal of Obesity*, 29 (1), S.

PEER REVIEWED BOOK CHAPTERS

Erwin, T.D., & **Sivo, S.A.** (2001). Assessing student learning and development in student affairs: A nuts and bolts introduction. In R. B. Winston and T.K. Miller's, *The Professional Student Affairs Administrator: Educator, Leader, and Manager*. Muncie, IN: Accelerated Development.

ERIC DOCUMENTS (Refereed)

Witta, E.L., & **Sivo, S.A.** (2003). Latent growth modeling of cognition in the elderly. (*ERIC Document Reproduction Service No. ED478197*).

Witta, E.L., & **Sivo, S.A.** (2002). Measuring cognitive function: An empirical investigation of the psychometric properties of a cognitive measure. (*ERIC Document Reproduction Service No. ED478198*).

PROCEEDINGS - National/International (Refereed) *Mentored Student

Gunter, G.A., & **Sivo, S.** (2003). Effective online training: the Georgia GET FIT initiative. *Proceedings of the Society of Information Technology and Teacher Education Association for the Advance of Computing Education. (SITE 2003)*.

* Pan, C., **Sivo, S.**, Brophy, J., & Phillips, W. (2003). Attitude is contagious? A structural equation modeling approach. *Proceedings of the 5th Annual WebCT User Conference (IMPACT 2003)*.

* Pan, C., **Sivo, S.**, Gunter, G., Hampton, E., Brophy, J., & Cornell, R. (October, 2003). Students' perceived ease of WebCT use: An exogenous or endogenous variable? *Proceedings of the 26th Association for Educational Communications and Technology International Conference (AECT 2003)*.

JOURNAL ARTICLES (Nonrefereed)

Shiple, S., Vogt, K., & **Sivo, S.** (2001). Going in circles: Using assessment for "a" change. *Campus activities programming*, 34 (1), 62-65.

TECHNICAL REPORTS AND EVALUATIONS (Nonrefereed)

- Sivo, S.A., & Alwood, J.E.** (1994). *Engineering support science fundamentals battery test analysis report: Generalizability and decision study*. Susquehanna Steam Electric Station, PP&L Test Report, meeting Nuclear Regulatory Commission requirements.
- Enrollment Management Task Force Report. (1998). *Academic Council*, James Madison University. Dr. Stephen Sivo analyzed and evaluated the assessment results for the report.
- Kinesiology Academic program review internal report. (1998). *Department of Kinesiology*, Academic program review, James Madison University, Kinesiology undergraduate major program. Dr. Stephen Sivo analyzed and evaluated the assessment results for the report.
- Art and Art History Academic program review internal report. (1998). *Department of Art and Art History*, James Madison University, undergraduate major program. Dr. Stephen Sivo analyzed and evaluated the assessment results for the report.
- Nursing Academic program review internal report. (1998). *Department of Nursing*, James Madison University, undergraduate major program. Dr. Stephen Sivo analyzed and evaluated the assessment results for the report.
- Healthsmart 1995 School Survey Report of Tobacco Use and Risk Factors in College Station, TX Public Schools by McNamara, J.F., McNamara, M., Pope, P. E., **Sivo, S.A.**, Ter Mollen, J. L., & Uhalt, S. (May 23, 1995).

GRANTS**Funded**

Stephen Sivo (Principal Investigator) **Peggy Meli** (Co-Principal Investigator).
American Health Information Management Association,
Foundation of Research and Education (\$23,689.00). Annual funding for 2007
Title: *Measuring Breast Cancer Stage Using Multisample Structural Equation
Modeling.*

Stephen Sivo (Principal Investigator).
Office of the Vice President for Research and Graduate Studies In-House Research
Grant, University of Central Florida (\$7500.00) Summer, 2003.
Title: *The application of time series methodology to panel data using structural
equation models.*

Under review

Don Quitter (Principal Investigator) **Stephen Sivo** (Co-Principal Investigator).
PHS 2006-02 Omnibus Solicitation of the NIH, CDC, and FDA for Small Business
Innovation Research Grant Applications (\$100,000.00)
Title: *The Use of Virtual Reality Technology in New Miner Hazard Recognition Skills
Training to Decrease Injury Rates models.*

Enrique Ortiz (Principal Investigator) **Stephen Sivo** (Co-Principal Investigator).
IES Math & Science Ed. Research Grant (\$414,000.00)
Title: *A Longitudinal Study Analyzing Grades 1–3 Students' Performance Related to
Addition Facts and Use of Variables in Addition Equality Statements.*

PAPERS PRESENTED AT PROFESSIONAL CONFERENCES**National/International****Mentored Student*

46. * Smith, J. & Sivo, S., (November, 2007). *Relationship of Social Presence and Teacher Acceptance of oTPD*. (Paper presented at The 13th Sloan-C International Conference on Online Learning in Orlando, FL).
45. Sivo, S., & * Meli, P. (October, 2007). *Measuring breast cancer stage with Medicare Claim Data using Latent Growth Curve Modeling*. (Paper presented at the American Health Information Management Association in Philadelphia, PA).
44. Bai, H., Pan, W., & Sivo, S. (June, 2007). *A continuing study on a new resampling method: An extension to multivariate data*. (Paper presented at the American Statistical Association, Joint Statistical Meeting in Seattle, WA).
43. * Meli, P., Sivo, S., & Blasi, L. (May, 2007). *Health information management instructors perceptions of instructional technology and distance education*. (Paper presented at the Congress of International Federation of Health Records Organizations in Seoul, Korea).
42. Sivo, S., & Fan, X. (April, 2006). *Power analysis in SEM: Evaluating two analytical methods against empirical power for relatively complex structural models*. (Paper presented at the Structural Equation Modeling SIG of the American Educational Research Association in Montreal, Quebec, Canada).
41. Sivo, S., Robinson, E. H. & * Ray, S. (April, 2006). *Mean structure analysis of character education data: Contrasting Kenyan and Florida schools*. (Paper presented at the SIG-International Studies SIG of the American Educational Research Association in San Francisco, California).
40. Fan, X., & Sivo, S. (April, 2006). *Sensitivity of goodness-of-fit indices in detecting population difference in latent mean structure*. (Paper presented at the Structural Equation Modeling SIG of the American Educational Research Association in Montreal, Quebec, Canada).
39. Robinson, E. H., Sivo, S. & * Ray, S. (April, 2006). *Latent factor differences among student, parent, and teacher responses to a character education measure: A factorial invariance study*. (Paper presented at the SIG-School Community, Climate and Culture SIG of the American Educational Research Association in San Francisco, California).
38. You, W., Fan, X., & Sivo, S. (April, 2006). *Assessing the impact of failure to adequately model the residual structure in growth modeling*. (Paper presented at the Structural Equation Modeling SIG of the American Educational Research Association in San Francisco, California).

37. Hirumi, A., **Sivo, S.**, & Pounds, K. (October, 2005) *Measuring the effects of storytelling on learners' motivation and performance over-time*. The 28th Association for Educational Communications and Technology International Conference (*AECT 2005*)
36. **Sivo, S.** (April, 2005). *The number of occasions needed for detecting growth curve ARMA processes*. (Paper presented at the Longitudinal Studies SIG of the American Educational Research Association in Montreal, Quebec, Canada).
35. Fan, X., & **Sivo, S.** (April, 2005). *The effect of true population model specification on recommended fit index cut-off values*. (Paper presented at the Structural Equation Modeling SIG of the American Educational Research Association in Montreal, Quebec, Canada).
34. Witta, E.L., & **Sivo, S.** (April, 2005). *Measuring Cognition: An empirical investigation of the psychometric properties of a cognitive measure*. (Paper presented at Division D - Measurement and Research Methodology of the American Educational Research Association in Montreal, Quebec, Canada).
33. **Sivo, S.**, Fan, X., Witta, E.L., & * Willse, J. (April, 2004). *The effect of true population model specification on recommended fit index cut-off values*. (Paper presented at the Structural Equation Modeling SIG of the American Educational Research Association in San Diego, CA).
32. **Sivo, S.** (April, 2004). *The impact of a course management system on two large-sized undergraduate web-enhanced hybrid courses: A factorial analysis using LISREL and SAS PROC CALIS*. (Paper presented at the Chinese American Educational Research and Development Association in San Diego, CA).
31. Fan, X, & **Sivo, S.** (April, 2004). *Evaluate the sensitivity and generalizability of SEM fit indices while controlling for severity of model misspecification*. (Paper presented at the Structural Equation Modeling SIG of the American Educational Research Association in San Diego, CA).
30. Witta, E.L., & **Sivo, S.** (April, 2004). *Latent growth modeling: Explaining cognitive decline in the elderly*. (Paper presented at the Educational Statisticians SIG of the American Educational Research Association in San Diego, CA).
29. * Pan, C., Gunter, G., **Sivo, S.**, & Cornell, R. (April, 2004) *End-user acceptance of a learning management system in two hybrid large-sized introductory undergraduate courses*. Paper presented at the Ninth Annual conference for Teaching in the Community Colleges (TCC) to meet in Honolulu, HI.
28. **Sivo, S.A.**, Fan, X., & Witta, E.L. (April, 2003). *A full integration of latent growth curve and stationery times series*. (Paper presented at the Structural Equation Modeling SIG of American Educational Research Association in Chicago, IL).

27. Witta, E.L., & Sivo, S.A. (April, 2003). *Latent growth modeling of cognition among the elderly*. (Paper presented at the American Educational Research Association in Chicago, IL).
26. * Pan, C., Sivo, S., & Brophy, J. (April, 2003) *Use of a course management system in light of the Technology Acceptance Model: A student perspective*. (Paper presented at the Eighth Annual conference for Teaching in the Community Colleges (TCC) to meet in Honolulu, HI).
25. * Pan, C., Sivo, S., & Brophy, J. (April, 2003) *Does students' attitude toward a course management system matter?* (Paper presented at the 14th International Conference on College Teaching and Learning (ICCTL) in Jacksonville, FL).
24. Sivo, S.A., & Witta, E. L. (November, 2002). *Measuring depressive symptomatology: An empirical investigation of the psychometric properties of the shortened CES-D*. (Paper presented at the American Evaluation Association conference in Washington, D.C.)
23. Witta, E. L., & Sivo, S.A. (November, 2002). *Measuring cognitive functioning: An empirical investigation of the psychometric properties of a cognitive measure*. (Paper presented at the American Evaluation Association conference in Washington, D.C.)
22. Sivo, S.A., Taub, G.E., Hayes, B. G., & Miller, K. (August, 2001). *Moving-average panel models: SEM alternatives to the Quasi-simplex*. (Paper presented at the American Psychological Association in San Francisco, CA)
21. * Willse, J., & Sivo, S.A. (April, 2001) *Cutoff criteria for fit indexes in structural equation modeling: The need for cross-fitting structural models when performing Monte Carlo studies*. (Paper presented at the Structural Equation Modeling of the American Educational Research Association in Seattle, WA)
20. * Simmer, P., Sivo, S.A., & Sundre, D. (April, 2001). *A confirmatory factor analysis (CFA) of the Student Developmental Task and Lifestyle Inventory (SDTLI)*. (Paper presented at the American Educational Research Association in Seattle, WA).
19. Shipley, S.M., Vogt K.E., & Sivo, S.A. (November, 2000). *Going full circle: Using assessment for "a" change*. (Paper presented at the International Leadership Association Conference in Toronto, Ontario, Canada)
18. Sivo, S.A. (June, 2000) *Structuring the assessment design and measure: Issues and procedures*. (Paper presented at the American Association for Higher Education Assessment Conference in Columbia, North Carolina).
17. Shipley, S.M., Vogt K.E., & Sivo, S.A. (June, 2000) *Going full circle with leadership assessment*. (Paper presented at the American Association for Higher Education Assessment Conference *Rising Expectations: Can Assessment Deliver?* in Columbia, North Carolina)

16. **Sivo, S.A.** (April, 1999). *Multiple indicator stationary time series models using SEM*. (Paper presented at the American Educational Research Association - Structural Equation Modeling SIG in Montreal, Quebec, Canada).
15. Hayes, D.J., Shealy, C.N., **Sivo, S.A.**, & Weinstein, Z.C. (August, 1999). *Psychology, religion, and scale 5 (Religious Traditionalism) of the BEVI*. (Paper presented at the American Psychological Association - Division 36 in Boston, MA).
14. Isley, E.B., Shealy, C.N., Crandall, K.S., **Sivo, S.A.**, & Reifsteck, J.B. (August, 1999). *Relevance of the BEVI for research in developmental psychopathology*. (Paper presented at the American Psychological Association - Division 7 in Boston, MA).
13. Shealy, C.N., Burdell, L.L., **Sivo, S.A.**, Davino, D.F., & Hayes, D.J. (August, 1999). *Men, masculinity, and scale 10 (Gender Stereotypes) of the BEVI*. (Paper presented at the American Psychological Association - Division 51 in Boston, MA).
12. Shealy, C.N., Sears, J.L., **Sivo, S.A.**, Alessandria, K.P., & Isley, E.B. (August, 1999). *Intercultural psychology and scale 3 (Sociocultural Closure) of the BEVI*. (Paper presented at the American Psychological Association - Division 52 in Boston, MA).
11. Trice, A.D., Braxton, H.H., Huffman, C.F., **Sivo, S.A.**, Stoloff, M.J., & Talley, C.E.P. (August, 1999). *Connecting introductory courses to the General Education curriculum*. (Paper presented at the American Psychological Association - Division 2 in Boston, MA).
10. * Rohatgi, J., Torisky, D.M., **Sivo, S.A.**, Pearson, J.M., & Brevard, P.B. (June, 1998). *Evaluating the use of an animated sequence to teach the concept of protein synthesis*. (Paper presented at the Society for Nutrition Education annual meeting in Albuquerque, New Mexico).
9. **Sivo, S.A.**, & Sundre, D. (April, 1998). *Evaluating competing models in SEM: Consulting simulation results for the wrong model*. (Paper presented at the American Educational Research Association- Structural Equation Modeling SIG in San Diego, CA).
8. Sundre, D., & **Sivo, S.A.** (April, 1998). *The dilemma of teaching statistics: Who's afraid of statistics and computers?* (Paper presented at the American Educational Research Association in San Diego, CA).
7. **Sivo, S.A.** (April, 1996). *Modeling causal error structures in longitudinal data*. (Paper presented at the American Educational Research Association - Structural Equation Modeling SIG in New York, NY).
6. Kealy, W.A., Schindehette, S.W. & **Sivo, S.A.** (April, 1995). *Effect of image size and perceptual precedence on verbal and spatial processing of graphic displays*. (Paper presented at the American Educational Research Association in San Francisco, CA).

5. **Sivo, S.A.** (April, 1993). *The effects of nonparallel regression slopes on actual error rates across three and four group situations: A Monte Carlo study.* (Paper presented at the American Educational Research Association Division D Quantitative Methods in Atlanta, GA).
4. Garcia, G., & **Sivo, S.A.** (April, 1993). *The role of family in educational and occupational decisions made by Mexican-American Students.* (Paper presented at the American Educational Research Association in Atlanta, GA).
3. Willson, V.L., Rupley, W.H., **Sivo, S.A.** & Vaidya, N. (April, 1993). *Item component-based regression modeling of individuals: Fit and cross-validation.* (Paper presented at the National Council on Measurement and Evaluation in Atlanta, GA)
2. **Sivo, S.A.**, & Kealy, W.A. (December, 1992). *Prior knowledge for adjunct maps in text learning.* (Paper presented at the National Reading Conference ‡ San Antonio, TX).
1. Newman, P., Cain, T., & **Sivo, S.A.** (March, 1992). *Where have the Students Gone? The Retention Phenomenon.* (Paper presented at American College Personnel Association ‡ San Francisco, CA).

State/Regional

- Banta, T., & **Sivo, S.A.** (May, 1997). *Teaming to assess student knowledge and skills.* (Presented at the Student Learning Institute in Harrisonburg, VA).
- Banta, T., & **Sivo, S.A.** (May, 1997). *Assessing student development and program effectiveness.* (Presented at the Student Learning Institute in Harrisonburg, VA).
- Banta, T., King, P., Docking, J. & **Sivo, S.A.** (May, 1997). *Making a difference in assessment: Panel discussion.* (Presented at the Student Learning Institute in Harrisonburg, VA).
- Sivo, S.A.** (November, 1996). *Alumni longitudinal data: Using structural equation modeling to evaluate the stability of results over time.* (Paper presented at the Virginia Assessment Group 10th Annual Conference in Fairfax, VA).
- McNamara, J.F., Campbell, T., Moore, D. & **Sivo, S.A.** (January, 1996). *Evaluating the quality of published meta-analysis studies.* (Paper presented at the Southwest Educational Research Association in Austin, TX).
- Sivo, S.A.** (January, 1995). *Discriminant analysis: Techniques used in appraising a function.* (Paper presented at the Southwest Educational Research Association in Dallas, TX)
- Sivo, S.A.** (January, 1993). *Predicting K-TEA reading comprehension scores with regression.* (Paper presented at the Southwest Educational Research Association in Austin, TX).

Kealy, W.A., & Sivo, S.A. (January, 1993). *Prior knowledge, map recognition, and recall of topographical features*. (Paper presented at the Southwest Educational Research Association in Austin, TX).

Garcia, G., Clayton, K. & Sivo, S.A. (January, 1993). *Mexican American junior high school and secondary students: Family influences on and values for career and educational decisions*. (Paper presented at the Southwest Educational Research Association in Austin, TX).

State/Regional (Continued)

DiBrito, W., & Sivo, S.A. (January, 1993). *A factor analytic investigation of the BSI when administered to college students*. (Paper presented at the Southwest Educational Research Association in Austin, TX).

Newman, P., & Sivo, S.A. (Spring, 1990) *Identifying and intervening with at-risk freshmen*. (Curia Grant funded project presented Research Day at Northwestern State University of Louisiana, Natchitoches, LA).

WORKSHOPS

State/Regional

November 1998. *Structuring the Assessment Design and Measure: Issues and Procedures*. Presented to participants attending the 12th Annual Virginia Assessment Group conference.

November 1997. *Assessment study design and measurement methods*. Presented to participants attending the 11th Annual Virginia Assessment Group conference.

University

February 1999. *Structuring the Assessment Design and Measure: Issues and Procedures*. Invited presentation for the State University of New York at Brockport: Both the Divisions of Student Affairs and General Education.

October 1997. *A review of measurement construction principles and selected assessment tools*. Presented to Associate VPs and Directors in Student Affairs division, James Madison University.

January 1997. *Running statistical programs to analyze assessment data*. Presented to directors in Student Affairs division, James Madison University.

TEACHING EXPERIENCE***University of Central Florida (Ed. Research, Technology, & Leadership and College of Business Administration)***

Graduate level classes

MAN 7939 *Structural Equation Modeling*

Exploratory and confirmatory factor analysis, path analysis, and relevant aspects of measurement theory are introduced. In this context, several mathematical and technical issues about model fitting are presented: the statistical requirements for a model, estimators and estimation, model evaluation, model modification, software use, and pertinent troubleshooting strategies. The course closes with advanced topics. *(Taught since 2002)*

EDF 7415 *Latent Variable Modeling*

This course introduces students to the propriety, fit, parsimony, interpretation and power analysis of latent variable measurement and causal models. In this context, several mathematical and technical issues about model fitting are presented: the statistical requirements for a model, estimators and estimation, model evaluation, model modification, software use, and pertinent troubleshooting strategies. Subsumed under this general analytic procedure will be second-order latent models, multiple group models, latent mean models, mixture models, longitudinal data analysis of both stationary and nonstationary processes, multi-level modeling, and finally modeling the interaction and moderation of latent variables.

MAR 7939 *Multivariate Analysis for Marketing Research*

This doctoral level course provides students an in-depth treatment of the multivariate analysis. Emphasis is placed on appreciating its scope, understanding the essential assumptions underlying various methods, and developing the ability to relate the methods to important issues faced by an academic researcher. *(Taught since 2003)*

EDF 7406 *Multivariate Statistics in Education*

This doctoral level course provides students an in-depth treatment of the multivariate analysis. Emphasis is placed on appreciating its scope, understanding the essential assumptions underlying various methods, and developing the ability to relate the methods to important issues faced by an academic researcher.

EDF 7463 *Analysis of Survey, Record, and other Qualitative Data*

This course introduces (a) Survey Research and related data analytic procedures and (b) various approaches to Qualitative Research, including their purpose, methodology, and methods of analysis.

University of Central Florida (Continued)

EDF 7403	<p><i>Quantitative Foundations of Educational Research</i></p> <p>This course examines appropriate statistical methods in applied educational contexts. Analytic strategies will be considered for educational data emphasizing the identification and interpretations of findings.</p>
EDF 6481	<p><i>Fundamentals of Graduate Research in Education</i></p> <p>This course is designed to introduce students to the technical and methodological issues underlying the educational and psychological research. The dynamic interplay between educational theory and research will be stressed with the intent of developing the skills of critical analysis required of enlightened consumers of research in the field of education.</p>
EDF 6432	<p><i>Measurement and Evaluation in Education</i></p> <p>This course introduces concepts of measurement and evaluation, classroom test construction, the creation and use of derived scores, the selection and use of published measurement instruments, and current issues.</p>

James Madison University (Psychology Department)

Graduate level classes

Psy 830

Structural Equation Modeling

Exploratory and confirmatory factor analysis, path analysis, and relevant aspects of measurement theory are introduced. In this context, several mathematical and technical issues about model fitting are presented: the statistical requirements for a model, estimators and estimation, model evaluation, model modification, software use, and pertinent troubleshooting strategies. The course closes with advanced topics.

Psy 608

Multivariate Statistics

This course provides students an in-depth treatment of the multivariate analysis. Emphasis is placed on appreciating its scope, understanding the essential assumptions underlying various methods, and developing the ability to relate the methods to important issues faced by an academic researcher.

Psy 606

Advanced Measurement Theory

This course introduces students to measurement theory, reliability, validity, item analysis in test development, scoring and interpretation. Students learn to calculate, apply and interpret reliability and validity procedures, develop an understanding of classical true score theory, develop an understanding of item response theory (IRT), assemble a test measuring a particular construct.

Psy 605 ***Research Inference and Statistics***

This course examines appropriate statistical methods in applied psychological contexts. Analytic strategies will be considered for psychological data emphasizing the identification and interpretations of findings.

Psy 600 ***Measurement and Statistics***

This course involves teaching students to apply, interpret and calculate several univariate statistical procedures. Students are also introduced to different types of reliability and validity.

Texas A&M University (Educational Psychology Department)

EPSY 682 ***Introduction to Computers***

This course provided doctoral students with opportunities to learn MVS and VM mainframe computing and microcomputing. Specific attention was given to the use of SPSS and SAS software (Taught for Dr. Victor Willson).

UCF Doctoral Dissertation Committees

I have chaired (11) dissertation committees.

I have co-chaired (7) Dissertation committees.

I have served on more than one-hundred (100) Dissertation committees (providing statistical/research support).

I have served on three (3) Master's thesis committees.

I have served on one (1) Undergraduate thesis committee for the Psychology Department.

Dissertations Chaired		
	Name	University of Central Florida Dissertation Title
1	Bhati, Divya	Factors that influence Transfer of Hazardous Material Training: The perceptions of selected firefighter supervisors and trainees
2	Clemmons, Karina	The problem of polysemy in the first thousand words of the general service list: A corpus study of secondary science texts
3	Ferguson, Pat	Motivation that leads to persistence through career decision
4	Henderson, Kelsey	The effects of prior knowledge activation on learner retention of new concepts in learning objects
5	Luke, Amber	Religious freedom in public education: The relationship between high school educators' first amendment knowledge and their opinions about religion in public schools
6	Madsen, Jane	Senior health information website: Technology acceptance related to information retention
7	Manning, Cheryl	The effect of the Math Concepts and Skills (MCS) computer program on standardized test scores at a middle school in east central Florida
8	Meli, Peggy	Perspectives of health information management faculty use of an e-learning lab and technology acceptance
9	Norman, David	Investigating the relationship between learners' digital propensity and their preferences for graphics and text in instruction
10	Partridge, Deborah	A comparison of mentored and non-mentored beginning elementary teachers in respect to teacher retention
11	Sen, Sulakshana	The effect of technology acceptance on post-secondary African-American students' achievement in mathematics: A path analytic inquiry
12	Sheehy, Colleen	The impact of a media literacy education plan on the Florida Comprehensive Assessment Test (FCAT) reading scores of 9 th and 10 th grade students

UCF Doctoral Dissertation Committees

Dissertations Chaired (Continued)		
	Name	University of Central Florida Dissertation Title
13	Siegel, Daniel	Accepting technology and overcoming resistance to change using the motivation acceptance model
14	Skinner, Colleen Skinner	A comparison of mentored and non-mentored novice elementary principals in respect to job satisfaction
15	Smith, JoAnne	Research on participants perceptions and attitude towards online teacher professional development
16	Stuib, Susan	Health attitudes, knowledge, and literacy of primary caregivers with elementary school children
17	Tsai, Mark, Ming-Che (Mark)	An account of how Chinese graduate students in the United States view the full span of their educational experiences: A grounded theory investigation
18	Yang, Huei-Hsuan (Nancy)	The effect of technology acceptance on undergraduate students' usage of WebCT as a collaborative tool

James Madison University Doctoral Dissertation Committees

I have served on five (5) defended dissertations.

I have served on one (8) Master's thesis committees.

	Name/ Defense Date	James Madison University Dissertation Title
1	Ernst, William J. 2000	The development and construction of a neuropsychological screening instrument for detecting neurocognitive deficits in children with acquired brain injury
2	García-Fernández, Ana María 2000	The relationship of family variables to children's behavioral adjustment in first generation Hispanic families
3	Kips-Vaughn, Debbie 1999	The integration of object relations family therapy and cognitive behavior therapy : the development of a treatment protocol for increasing anger control in male adolescents with externalizing behavior difficulties
4	KuKanich, David M. 2000	Clinician personality traits, the kinetic house-tree-person drawing, and holistic method assessment : integrating the evaluator and the technique
5	Merritt, Martha E. 2000	Improving parental compliance with psychotherapy treatment recommendations for their children : perception of support and education provided by health care professionals in a rural pediatric diagnostic clinic

PROFESSIONAL DEVELOPMENT WORKSHOPS ATTENDED

- 2007, November 1-3 Ewing Marion Kauffman Foundation, Kauffman Symposium on Entrepreneurship and Innovation Data, Kansas City, Missouri
- 2006, April, 8:00- 12:00: AERA San Francisco ‡ Bruce Thompsons, , Effect Sizes, Confidence Intervals, and Especially Intervals for Effect Sizes,,
- 2006, Spring: CITI Online Training for Ethics in Research to meet IRB requirements
- 2006, March 10th: College of Business Administration Andrew and Gail Titen Visiting Scholar Series seminar presented by Gautam Ahuja from the University of Michigan on quantitative methods
- 2006, April 24th: Workshop in College of Health on preparing NIH grants
- 2005, February 25, 12:00 - 4:00 pm: CARMA webcast on Multi-level Analysis Issues.
- 2001, Spring: Project Jericho Faculty Professional Development Training in ESOL, College of Education, University of Central Florida, Orlando, FL
- 1999, April: Bayesian Predictive Modeling for Classification, AERA Professional Development Course

PROFESSIONAL SERVICE
UNIVERSITY OF CENTRAL FLORIDA
UNIVERSITY SERVICE

2006-2008, Faculty Senate
 2006-2007, Chair of the University Graduate Curriculum Committee
 2005 -2006, University Research Committee evaluating various grants/awards
 2003 -2005, Member of Undergraduate Research Council ‡ Initiative of Provost
 2003 -2004, Member of Undergraduate Research Council ‡ Course Review Subcommittee
 2004 Faculty Representative at Summer Graduation, July 31st
 2004 Faculty presenter for the Summer Research Academy
 2001 Member of Transportation Access Fee Committee,

COLLEGE OF EDUCATION SERVICE

2004 - Search Committee for the Assistant Dean of Graduate Research
 2004 - Research Committee
 2003 -2004, Strategic Planning Committee
 2002 -2004, Advanced Graduate Admissions and Retention Committee (**Chair 2002-2003**)
 2001 -2003 Research Committee
 2003 Proctored Doctoral Comprehensive Exams
 2001 Proctored Doctoral Comprehensive Exams

DEPARTMENT OF EDUCATIONAL RESEARCH, TECHNOLOGY, & LEADERSHIP SERVICE

2006 Educational Research Search Committee concluded in the Spring of 2006, Member
 2006 Educational Research Search Committee concluded in the Spring of 2006, Member
 2003 Educational Research Search Committee concluded in the Spring of 2003, Member
 2002 Educational Research Search Committee concluded in the Fall of 2002, Member

DEPARTMENT OF EDUCATIONAL STUDIES (FORMERLY EDUCATIONAL FOUNDATIONS)

2001 Three Search Committees
 • General Methods, Social Foundations #1, Social Foundations #2

JAMES MADISON UNIVERSITY
UNIVERSITY SERVICE

1999, Advisory Board Member, Assessment, SACS committee
 1999, Validity Study of SAT II scores for GENED
 1999, Service Learning Coordinator Search Committee for CLST
 1998, JMU Alcohol Advisory Committee
 1998 – 1999, Freshman Learning Communities
 1997 – 1998, Student Learning and Assessment Committee
 1997 – 1998, Integrated Information System Screening Committee
 1996 – 1999, Member, General Education Cluster 5 Committee/ Assessment Subcommittee

SCHOOL OF PSYCHOLOGY SERVICE

1999, School of Psychology Search Committee for Coordinator position
 1999, Psy.D. Assessment and Measurement Search Committee
 1997 – 1999, Member, Assessment & Measurement Psy.D. Committee
 1996 – 1999, Member, General Psychology M.A. Committee
 1998 – 1999, Member, General Psychology M.A., Objectives Subcommittee
 1996 – 1999, Member, School Psychology Committee
 1996 – 1999, JMU Graduate Faculty. Served as a committee member on
 Master Theses 8 Doctoral Theses 5

SERVICE TO PROFESSIONAL ORGANIZATIONS**National/International*****Educational and Psychological Measurement***

2007 **Editorial Board**
 2005 -2006 **Manuscript Reviewer**

Structural Equation Modeling: A Multidisciplinary Journal

1998 -2007 **Manuscript Reviewer**

International Journal of Psychology

2002 **Manuscript Reviewer**

American Educational Research Journal

2006 **Manuscript Reviewer**

American Educational Research Association (AERA)

2006 **Discussant - Structural Equation Modeling-SIG**
 American Educational Research Association in Montreal, Quebec, Canada.
 Session title: ***Innovations in Structural Equation Modeling***

2004 **WebMaster – Educational Statisticians-SIG / February, 2004**
 Newsletter Editor– Educational Statisticians-SIG / February, 2004
 Chair - Structural Equation Modeling-SIG / Thurs., April 15th, 2004

2003 **Chair - Structural Equation Modeling-SIG / Tues., April 22nd, 2003**

2002 **Discussant - Structural Equation Modeling-SIG / Wed., April 3rd, 2002**

2003-2004 **Proposal Reviewer - Division D2: Quantitative Methods and Statistical Theory**

1998-2004 **Proposal Reviewer - Structural Equation Modeling -SIG**

Book Reviewer

- 2006 **Reviewed Moustakas, C.** (1994). Phenomenological Research Methods. Thousand Oaks, CA: Sage Inc.
- 2006 **Reviewed Minichiello and Kottler.** Qualitative Journeys: Student and Mentor Experiences with Research. Thousand Oaks, CA: Sage Inc.
- 2004 **Reviewed Lichtman's text on qualitative research for Sage Publishing.** Citation presented below:

Lichtman, M. (2004). Qualitative research in education: Theory and Process. Thousand Oaks, CA: Sage Inc.
- 2004 **Reviewed Creswell's text on qualitative research for Sage Publishing.** Citation presented below:

Creswell, J.W. (1997). Qualitative inquiry and research design choosing among five traditions. Thousand Oaks, CA: Sage Inc.

State/Regional

- 2002 **Program Chair:** Measurement, Methodology, & Research Division, Southwest Educational Research Association
- 2001 **Program Co-Chair:** Measurement, Methodology, & Research Division, Southwest Educational Research Association

SERVICE TO THE COMMUNITY**Palm Terrace Elementary School (Daytona)**

Provided teachers at Palm Terrace Elementary School, a Holmes Partner, assistance in evaluating assessment data collected. Taught strategies to use in assessing student performance.

Winter Park Memorial Hospital

Invited by Dr. Robert Ford, the Associate Dean of the College of Business Administration, to oversee and conduct aspects of a survey research study for the purpose of assessing employee perceptions regarding customer service at Winter Park Memorial Hospital (WPMH).

21st Century Learning Solutions, Inc.

Analyzed and reported data collected for 21st Century Learning Solutions, Inc., a company serving businesses and school systems by training professionals to integrate technology into the workplace/classroom.

SERVICE TO THE COMMUNITY (Continued)

Commercial Training Solutions

Provided methodological and statistical assistance for research designed to evaluate the efficacy of training communicated through a distributed learning program.

Titusville High School and the Center for Autism & Related Disabilities

Provided methodological and statistical assistance for research designed to evaluate the efficacy of a community-based instructional program for students at Titusville high school who are classify as Trainable Mentally Handicapped (TMH). The primary researcher for this study was Dr. Kim Spence-Cochran, Coordinator of Educational & Training Programs for one of six publicly supported Centers for Autism & Related Disabilities in the State of Florida.

St. Margaret Mary School

2005-2006 I have volunteered to teach Spanish once a week to two first grade classes at St. Margaret Mary School for the school year.

2004-2005 I volunteered to teach Spanish once a week to kindergarteners and fifth graders at St. Margaret Mary School for the school year.

PROFESSIONAL MEMBERSHIPS

American Psychological Association (APA)

American Educational Research Association (AERA)

Structural Equation Modeling SIG (AERA)

Educational Statisticians (AERA)

Research and Measurement Methodology: Division D (AERA)