

**Curriculum Vitae
WILLIAM STEVE LANG**

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Education, Awards, and Experience-----

Ph.D. Educational Psychology, 1985; [University of Georgia](#)
Specializations: Research Design, Tests and Measurement

M.Ed. Personnel Services, 1980; [Clemson University](#)
Specialization: Counseling

B.A. Psychology, 1976; [Furman University](#)
Minor: Science Education

Additional Study

- Rasch Measurement 2, Advanced Topics, [Online Statistics Courses](#) , 2008
- FACETS Measurement, [Online Statistics Courses](#) , 2007
- Practical Rasch Measurement, [Online Statistics Courses](#) , 2006
- Item Response Theory, 2002; Murdoch University, Perth, Western Australia
- Rasch Model, 1993, University of South Florida
- Computer Science, 1981; Piedmont Technical College, Greenwood, SC
- Special Education, 1978; Presbyterian College, Clinton, SC

Professional Training Workshops

- Rasch Theory and Application, Metametrics, Chapel Hill, NC, 2007
- NCATE/FL DOE Site Visit Reviewer Training, St. Petersburg, FL, 2004
- Facets and Winsteps Seminar, Institute for Statistical Science, Research Triangle Park, NC, 2003
- Improving Teaching and Learning through Web-Enhanced or Web-Delivered Courses, University of South Florida, Tampa, FL, 2000
- Rasch Measurement Training Seminar, Chicago, Il, 1996
- Transforming Passive Listeners into Creative Thinkers in USF's Liberal Arts Program, Tampa, FL, 1995
- Jocular Approaches to Teaching Research and Measurement, San Francisco, CA, 1995
- FACETS: A Rasch Model Approach to Evaluating Performances, Tampa, FL, 1995
- Involving Students: Using Active Learning in University Classrooms, University of South Florida, Tampa, FL, 1994
- Southern Association of Accreditation of Schools, Statesboro, GA, 1990
- Apple Sponsored Service Course, Charlotte, NC, 1988
- VAX/VMS Commands and Concepts, York Technical College, Rock Hill, SC, 1986

Professional Credential

South Carolina Department of Education (1976-1991)
Teaching Certificate: Earned Doctorate
Areas: Biology and General Science, Psychology, Special Education-EH

Internship Experience

- Challenge Program for Gifted Education, University of Georgia, Athens, GA, 1982
Supervisor: Gail Lewis
- Educational Research Laboratory, University of Georgia, Athens, GA, 1982
Supervisor: William Ripley
- Counseling Department, Lander College, Greenwood, SC, 1979
Supervisor: Douglas Spears
- Program for Potential Dropouts, J.L. Mann High School, Greenville, SC, 1976
Supervisor: Robert Ground (included preservice teaching in psychology and chemistry)

Professional Awards

- TIP Award (Teaching), University of South Florida St. Petersburg, 1997
- Phi Delta Kappa Distinguished Service Award, 1989, Statesboro, GA

Academic Awards

- Graduate Research Assistantship, University of Georgia, 1983-1984
- Graduate Teaching Assistantship, University of Georgia, 1981-1982
- District Tuition Grant, Superintendent's Office, SC District #52, 1978
- Music Scholarship, Furman University, 1972

Biographical References

- Who's Who in America, 1989
- Who's Who in the South and Southwest, 1988
- Who's Who in American Education, 1987
- Outstanding Young Men in America, 1985

Experience

Professor of Education Measurement and Research, [University of South Florida St. Petersburg](#), 1992 to present. Appointed to full graduate faculty in 1993. Associate Professor and tenure in 1996. Professor in 2007.

Assistant Professor of Education Research, [Georgia Southern University](#), 1986 to 1992. Courses taught include statistics, research, administrative computing, measurement theory and psychometrics. Appointed to Graduate Faculty in 1990.

Assistant Professor of Secondary Education, [Winthrop College](#), 1985-1986, Assigned to the Governor's Remediation Initiative as a microcomputer specialist.

Part-time Instructor, [University of South Carolina at Spartanburg](#), 1985, Courses taught included statistics and testing and measurement in the Department of Psychology.

Director, Independent Learning Center, [Spartanburg Methodist College](#), 1984-1985, Duties included directorship of developmental studies and the microcomputer laboratory supported by a Title III grant. Courses taught include introductory psychology, introductory algebra and introductory computer science.

Statistical Consultant, Education Research Laboratory, University of Georgia, 1983-1984, Served for five quarters as consultant for faculty research, dissertations and university contracts. Duties included computer analysis (SAS, SPSS, BMDP, Statpro) of data and interpretation of results.

Statistical Laboratory Supervisor, University of Georgia, 1983, Duties included teaching SAS and SPSS usage to graduate students in the required social science statistics sequence, standing in for absent faculty and laboratory exercises.

Lead Therapist, [Alpine Psycho-educational Center](#), 1983, Responsible for developmental therapy and behavior modification programs in a unit of adolescents.

Instructor of Educational Psychology, University of Georgia, 1981-1982, Five quarters of teaching required survey courses for professional certification. Courses included Learning and Motivation Theory.

Middle School Teacher, [District #52, Ninety-Six, SC](#), 1976-1981, Worked mostly with emotionally handicapped students in a self-contained setting.

Summer School Teacher and Counselor, Camp Loquastee, 1978, Summer program for learning disabled students sponsored by Salem College Department of Education.

Consulting

Texas A&M University Kingsville NCATE preparation workshop, Kingsville, TX, 2008 (with Judy Wilkerson)

Louisiana's Qualitative Research and Value-Added Teacher Model Team, Baton Rouge, 2008-2010, Teacher assessment workshop (with Judy Wilkerson)

Association of Colleges of Pharmacy Education, St. Petersburg, FL, 2007, Accreditation workshop facilitator (with Judy Wilkerson)

Illinois Association of Colleges of Teacher Education, Springfield, 2007, Teacher preparation workshop and lecture (with Judy Wilkerson)

LiveText, Chicago, 2007, Assessment design consultant (with Judy Wilkerson).

Georgia Southern University, Statesboro, 2007, NCATE review consultant. Planning for assessment system design (with Judy Wilkerson)

Iowa Department of Education, Pella, IA, 2006, Assessment workshop and consultant (with Judy Wilkerson)

DLESE 2005 Annual Meeting, NSF evaluation consultant, Creation of 6 on-line survey instruments (Snap 8), data collection, analysis, and reporting

William Patterson University, Newark, NJ, 2006, NCATE review consultant. Planning for validity and reliability of assessment plan (with Judy Wilkerson).

Pennsylvania State University Harrisburg, 2005, NCATE review consultant. Contract for workshops on performance assessment and psychometric model (with Judy Wilkerson)

Marquette University, Milwaukee, WI, 2005, NCATE review consultant (with Judy Wilkerson)

Pinellas County Public Schools, *Transition to Teaching*, 2003-2004, Alternative certification team, assessment consultation, disposition assessment (with Judy Wilkerson)

Sarasota County Public Schools, Alternative Certification Program, 2004, Workshop on Florida performance assessment model and scoring (with Judy Wilkerson)

Florida Department of Education, NCATE/DOE program review visitation team – University of North Florida, 2004, accreditation team visit

Florida Department of Education, 2002-2004, *Alternative Certification Assessment Program*, Large contract to develop Performance Assessment Certification for (with Judy Wilkerson, Margaret Hewitt, Robert Egly, and Kim Stoddard)

Southern University, NCATE review consultant, 2003-2004, Baton Rouge, LA., Faculty training and development of assessment system for accreditation (with Judy Wilkerson)

Chatham County Schools, School Psychology, 1989, Workshops for school psychology staff

Course Teaching Experience

- Measurement Concepts (EDG 4909), University of South Florida, 2009 until present
- Technology and Data Analysis for Leadership (EDG 6931), University of South Florida, special topics course, 2 semesters
- Foundations of Measurement (EDF 6432), University of South Florida, until present, on-line since 2002
- Fundamentals of Education Research (EDF 6481) University of South Florida, until present, on-line since 2003
- Measurement for Teachers (EDF 4430), University of South Florida, until present
- Micros for School Management (EME 6425), University of South Florida, 1 semester
- Computers in Education (EME 4402), University of South Florida, 4 semesters
- Introductory Statistics (EDR 761), Georgia Southern University, 5 quarters
- Inferential Statistics and Research Design (EDR 893), Georgia Southern University, 2 quarters
- Educational Measurement Theory (EDR 873), Georgia Southern University, 3 quarters
- Research in Education (EDR 751), Georgia Southern University, approximately 30 sections
- School Administration with Microcomputers (EDT 888), Georgia Southern University, 8 quarters
- Advanced Educational Research, (EDR 852), Georgia Southern University, 5 quarters
- Computers in Education (EDT 750), Georgia Southern University, 4 quarters
- Instructional and Administrative Uses of Microcomputers, Recertification course offered for SC teachers, Career Development Center, York District #3
- Basic Programming and Computer Literacy for Educators, Winthrop College, 10 week course for faculty development offered by the College of Education
- Psychological Testing and Measurement (PSY 417), University of South Carolina at Spartanburg, 1 semester
- Psychological Statistics (PSY 225), University of South Carolina at Spartanburg, 1 semester
- College Algebra (MAT 101, 103), Spartanburg Methodist College, 2 semesters
- Introduction to Computer Science (CS 101), Spartanburg Methodist College, 1 semester
- Computers in Education (ED 111), Spartanburg Methodist College, 1 semester
- Introductory Psychology (PSY 101), Spartanburg Methodist College, 1 semester
- Educational Psychology (EPY 304), University of Georgia, 5 quarters

Dissertation and Thesis Committees

Richman, Scott D. (2010). An interpretive policy analysis of bullying law and the development of bullying policy in a central Florida school district. Ed. D. dissertation, University of South Florida

Wynn, Julius L. (2010). A Study of selected teachers' perceptions of grade retention in a Florida school district. Ed. D. dissertation, University of South Florida

- Penman, Kimberly (2008). The effects of peer coaching during implementation of new teaching strategies. Ed.S. thesis, University of South Florida
- Greely, Teresa (2008). Ocean Literacy and Reasoning about Ocean Issues: The influence of content, experience, and morality. Ph.D. dissertation, University of South Florida.
- Wonder, Terri, K. (2008). Re-Islamization in higher education from above and below: The University of South Florida and its global contexts. Ph.D. dissertation, University of South Florida.
- Urbanski, Jan (2007). The relationship between school connectedness and bullying victimization in secondary school students. Ed. D. dissertation, University of South Florida.
- Bryan, Derrel James (2004). A legal and historical study of parental choice: Implications for public education. Ed.D. dissertation, University of South Florida, United States -- Florida. Retrieved, from *ProQuest Digital Dissertations* database. (Publication No. AAT3157207).
- Lee, Ann McKeighan (2002) Job satisfaction of 6th--12th grade teachers in Florida's charter schools. Ph.D. dissertation, University of South Florida United States -- Florida. Retrieved , from *ProQuest Digital Dissertations database*. (Publication No. AAT3052385).
- Lightsey, Gwyn Wickstrom (2001) An extended guided reading routine to support students struggling in first grade. Ph.D. dissertation, University of South Florida, United States -- Florida. Retrieved, from *ProQuest Digital Dissertations* database. (Publication No. AAT3041113).
- Rockwell, Sylvia B. H. (1999) Center placement for students with severe emotional disturbances: Factors that contribute to positive outcomes. Ph.D. dissertation, University of South Florida, United States -- Florida. Retrieved, from *ProQuest Digital Dissertations* database. (Publication No. AAT 9958345).
- Eliason, Robert G. (1994) The effect of selected word processing adjunct programs on the writing of high school students. Ph.D. dissertation, University of South Florida, United States -- Florida. Retrieved, from *ProQuest Digital Dissertations* database. (Publication No. AAT9426055).
- Burkhalter, Becky Ann (1992) The relationship between teacher evaluation and student achievement in selected elementary schools in Georgia. Ed.D. dissertation, University of Georgia, United States -- Georgia. Retrieved, from *ProQuest Digital Dissertations* database. (Publication No. AAT9316312).
- Kent, Sophia Durcinka (1992) The effects of acceleration on the social and emotional development of gifted elementary students: A meta-analysis. Ed.D. dissertation, University of Georgia, United States -- Georgia. Retrieved, from *ProQuest Digital Dissertations* database. (Publication No. AAT9316362).
- Wolfe, Jennie Lynn (1992) Applying cognitive dissonance within a personal health curriculum to reduce risk factors associated with the development of eating disorders in a university population. Ed.D. dissertation, University of Georgia, United States -- Georgia. Retrieved, from *ProQuest Digital Dissertations* database. (Publication No. AAT9301238).
- Chamberlain, Dennis Richard (1992) Career pathways to the middle grades principalship in Georgia. Ed.D. dissertation, University of Georgia, United States -- Georgia. Retrieved, from *ProQuest Digital Dissertations* database. (Publication No. AAT 9235377).

- Hutchinson, Sheila Elizabeth Murray (1992) A survey of strategies and human resources used by elementary administrators for improving instruction in Georgia public schools. Ed.D. dissertation, University of Georgia, United States -- Georgia. Retrieved, from *ProQuest Digital Dissertations* database. (Publication No. AAT 9235424).
- Bland, Ronald Wayne (1990) The use of teacher input in the evaluation of principals as viewed by teachers, principals, and superintendents. Ed.D. dissertation, University of Georgia, United States -- Georgia. Retrieved, from *ProQuest Digital Dissertations* database. (Publication No. AAT9025905).
- Fallon, David Scott (1990). *Iron Status and Dietary Intake in a Cross-country Team During a Competitive Season*. Unpublished master's thesis, Georgia Southern University.
- Groth, Jonathon T. (1989). *The Effect of Nutrition on Nutritional Knowledge, Attitudes and Dietary Intake of Collegiate Baseball Players*. Unpublished master's thesis, Georgia Southern University.
- Burcham, Cynthia Angeline (1989) The perceptions and beliefs of principals, teachers, and media specialists regarding the roles of media specialists in the public schools of Georgia. Ed.D. dissertation, University of Georgia, United States -- Georgia. Retrieved, from *ProQuest Digital Dissertations* database. (Publication No. AAT9003375).
- Webb, Colleen Knotts (1989) Teachers' beliefs about the purpose of student support teams. Ed.D. dissertation, University of Georgia, United States - Georgia. Retrieved, from *ProQuest Digital Dissertations* database. (Publication No. AAT9019239).
- Raith, Frank Dennis (1988) Reported locus-of-control and level of occupational stress of elementary principals in Georgia. Add. dissertation, University of Georgia, United States -- Georgia. Retrieved, from *ProQuest Digital Dissertations* database. (Publication No. AAT8812097).
- Schwartz, Joan Weiner Epstein (1989) A comparison of Chapter I and non-Chapter I fifth-grade student achievement in reading and mathematics. Add. dissertation, University of Georgia, United States -- Georgia. Retrieved, from *ProQuest Digital Dissertations* database. (Publication No. AAT9019234).
- Bice, William Herbert (1988) Superintendents' and high school principals' perceptions of the importance of selected competencies of school principals. Ed.D. dissertation, University of Georgia, United States - Georgia. Retrieved, from *ProQuest Digital Dissertations* database. (Publication No. AAT8910396).
- McAfee, Patricia Ellen Hinson (1988) Role expectations for school psychologists. Ed.D. dissertation, University of Georgia, United States - Georgia. Retrieved, from *ProQuest Digital Dissertations* database. (Publication No. AAT8823822).
- Coleman, Martha Anderson (1987) A study of social support systems and alcohol consumption patterns of prenatal women. Ed.D. dissertation, University of South Carolina, United States -- South Carolina. Retrieved, from *ProQuest Digital Dissertations* database. (Publication No. AAT8807711).
- Tuten, Bertha Alexander (1987) Readiness and achievement in reading and mathematics. Ed.D. dissertation, University of Georgia, United States - Georgia. Retrieved, from *ProQuest Digital Dissertations* database. (Publication No. AAT8806835).

Professional Affiliations

- [American Association of Colleges of Teacher Education](#)
- [National Council of Measurement in Education](#)
- [Association of Teacher Educators](#)
- [American Education Research Association](#), Division D, Rasch Measurement Special Interest Group: Reviewer, Discussant
- [Journal of Applied Research](#): Editorial Board
- [Research in the Schools](#): Editorial Board
- [Phi Delta Kappa](#), Georgia Southern University Chapter: Research Officer, Chapter President, National and District Biennial Representative, Vice-President for Membership
- Florida Education Research Association
- Georgia Education Research Association
- *Georgia Educational Researcher*: Editorial Board,
- Eastern Education Research Association
- *Journal of Research in Education*: Editorial Board,
- Greenville-Spartanburg Chapter of Phi Delta Kappa, Co-organizer and charter member, Research Officer
- South Carolina Association of Developmental Education, Board of Directors

Research and Scholarly Productivity

Refereed Publications

- Wilkerson, J. & Lang, W. S. (Under review). Apples and fishes revisited: Standards-based teacher dispositions as a necessary and measurable construct. Submitted to the *Journal of Teacher Education*.
- Lang, W. S., Chew, A. L., Crownover, C., & Wilkerson, J. (Under review). Using the Rasch Model to Determine Equivalence of Forms in the Trilingual Lollipop Readiness Test. Submitted to the *Journal of Applied Measurement*.
- Leung, C. & Lang, W. S. (2008). Using Rasch Modeling to Analyze Difficulty of Target Words and Ability of Preschoolers to Learn Vocabulary Incidentally from Repeated Read-Aloud Events. Submitted to the *Journal of Applied Measurement*.
- Wilkerson, J. & Lang, W. S. (2006). Measuring teaching ability with the Rasch model by scaling a series of product and performance tasks. *Journal of Applied Measurement*. Vol. 7(3), 239-259.
- Lang, W. S. & Wilkerson, J. (2005). Measuring college sailing team ability: an application of the many-facet Rasch model to ordinal data. *Journal of Applied Measurement*. 6(1), 57-71.
- Wilkerson, J. R. & Lang, W. S. (2004). [A standards-driven, task-based assessment approach for teacher credentialing with potential for college accreditation](#). *Practical Assessment, Research, and Evaluation*, 9(12).
- Lang, W. S. & Wilkerson, J.R. (2004). [Measuring teachers' effects on K-12 learning](#). *E-Montage, the Journal of the Florida Association of Teacher Educators*. Vol. 1(4).
- Wilkerson, J. & Lang, W. S. (2003). [Portfolios, the Pied Piper of teacher certification assessments: Legal and psychometric issues](#). *Education Policy Analysis Archives*, 11(45).
- Fields, L., Lang, W. S. et. al. (2002). A comparison of content: Florida's Teacher Certification Examination and Florida's Educator Accomplished Practices. *ERS Spectrum in Education*, Fall.

- Lang, W. S. & Grigsby, M. (1996). Statistics for measuring the efficiency of electronic Information Searching. *Journal of the American Society for Information Science*, 47(2), 159-166.
- Chew, A.L. & Lang, W. S. (1993). Concurrent validation and regression line comparison of the Spanish edition of the Lollipop Test (La Prueba Lollipop) on a bilingual population. *Educational and Psychological Measurement*, 51, 173-181.
- Lang, W. S., Chew, A.L. & Schomber, J. (1992). The comparative use of the Spanish and English editions of the *Lollipop Test* : a cross cultural study. *Journal of Research in Education*, 2 (1), 23-30 .
- Clark, K. & Lang, W. S. (1991) Searching for information: Teacher preparation for the future. *Computers in the Schools*. 8 (1/2/3), 203-206.
- Martin, R. A., Moore, D. L., Strickland, J. M., & Lang, W. S. (1991). Preference for mathematics compared to other academic subjects and its relationship to achievement in the middle grades, *Reading Improvement*, 28, 173-178.
- Clark, K. & Lang, W. S. (1990). Statistics software for microcomputers: an evaluation and summary. *The Georgia Educational Researcher*, 7 (2), 10-15.
- Chew, A. L. & Lang, W. S. (1990). Predicting academic achievement in kindergarten and first grade from prekindergarten scores on the Lollipop Test and Dial. *Educational and Psychological Measurement*, 50, 431-437.
- Lang, W. S., Martin, R. A., Moore, D. L. & Strickland, J. M. (1989). Preference for mathematics compared to other academic subjects and its relationship to achievement in the early grades. *Reading Improvement*, 26 (4), 330-335.
- Lang, W. S. (1989). Content validity revisited: avoiding face validity and establishing validity for teacher certification tests in Georgia, *Georgia Educational Researcher*, 6 (1), 18-22.
- Lang, W. S. (1988). Measurement validity in curriculum and instruction evaluation. *Thresholds in Education*, 14, (3), 43-45.
- Lang, W. S. (1984). Student task development and its relation to academic achievement. *Georgia Educational Researcher*, 3, 46-58.

Books, Parts of Books, Monographs, Tests, and Edited Volumes

- Lang, W. S., (2008). IQ Testing. In *The encyclopedia of social problems*. [Sage Reference](#): Thousand Oaks, CA.
- Chew, A. L. & Lang, W. S., (2007). *Developmental and interpretive manual for the Lollipop Test (3rd Edition): A diagnostic screening test of school readiness*. [Humanics Psychological Test Corp](#): Lake Worth, FL.
- Wilkerson, J. R., & Lang, W. S. (2007). *Assessing teacher dispositions: Five standards-based steps to valid measurement using the DAATS model*. [Corwin Press](#): Thousand Oaks, CA.
- Wilkerson, J.R., & Lang, W. S. (2007). *Assessing teacher competency: Five standards-based steps to valid measurement using the CAATS model*. [Corwin Press](#): Thousand Oaks, CA.
- Lang, W. S. (2001). Review of the Hammill Multiability Intelligence Test. In *The fourteenth mental measurements yearbooks* (B. Plake & J.C. Impara, Eds.), The University of Nebraska Press, Lincoln.

- Lang, W. S. (2001). Review of the Test for Creative Thinking-Drawing Production. In *The fourteenth mental measurements yearbooks* (B. Plake & J.C. Impara, Eds.), The University of Nebraska Press, Lincoln.
- Lang, W. S. (1997). Review of the Khatena-Torrance Creative Perception Inventory. In *the thirteenth mental measurements yearbooks* (B. Plake & J.C. Impara, Eds.), The University of Nebraska Press, Lincoln.
- Lang, W. S. (1995). Review of the Mother/Infant Communications Screening. In *The twelfth mental measurements yearbooks* (J.C. Conoley & J.C. Impara, Eds.), 640-641, The University of Nebraska Press, Lincoln.
- Lang, W. S. (1995). Review of the Gesell Child Developmental Age Scale. In *The twelfth mental measurements yearbooks* (J.C. Conoley & J.C. Impara, Eds.), 413-414, The University of Nebraska Press, Lincoln.
- Lang, W. S. (1992). Review of the TMAS (Tell Me a Story). , Mental Measurements Yearbook Database (Search Label MMYD), BRS Information Technologies. [*The Mental Measurements Yearbooks*]
- Lang, W. S. (1992). Review of the HELP Checklist (Hawaii Early Learning Profile). Accession number AN-11020693, Mental Measurements Yearbook Database (Search Label MMYD), BRS Information Technologies. [*The Mental Measurements Yearbooks*]
- Lang, W. S. & McCaskill, S. (1986). (Eds.) *Software evaluations, critical thinking and reasoning*. Winthrop College: Rock Hill, SC.
- Lang, W. S. & McCaskill, S. (Eds.). (1986). *Software evaluations, English, volume I*. Winthrop College: Rock Hill, SC.
- Lang, W. S. & McCaskill, S. (Eds.). (1986). *Software evaluations, English, volume II*. Winthrop College: Rock Hill, SC.
- Lang, W. S. & McCaskill, S. (Eds.). (1986). *Software evaluations, math, volume I*. Winthrop College: Rock Hill, SC.
- Lang, W. S. & McCaskill, S. (Eds.). (1986). *Software evaluations, math, volume II*. Winthrop College: Rock Hill, SC.
- Lang, W. S. & McCaskill, S. (Eds.). (1986). *Software evaluations, reading*. Winthrop College: Rock Hill, SC.

Non-refereed Professional Publications

- Wilkerson, J. & Lang, W. S., (2009). Technical report: report to the Louisiana Board of Regents on measuring teacher dispositions with Wilkerson and Lang DAATS instruments. Qualitative Research Team, Louisiana Board of Regents: Baton Rouge.
- Lang, W. S. (2008). The DAATS Model: Initial Psychometric and Statistical Findings. A Top Ten Illustration. (ERIC Document Reproduction Service No. ED502864).
- Lang, W. S., & Wilkerson, J. (2008). Accuracy vs. Validity, Consistency vs. Reliability, and Fairness vs. Absence of Bias: A Call for Quality. (ERIC Document Reproduction Service No. ED502868).
- Lang, W. S., & Wilkerson, J. (2008). Measuring Teacher Dispositions with Different Item Structures: An Application of the Rasch Model to a Complex Accreditation Requirement. (ERIC Document Reproduction Service No. ED502965).

- Wilkerson, J.R. & Lang, W. S. (2008). Measuring Teacher Dispositions: An Application of the Rasch Model to a Complex Accreditation Requirement. *Resources in Education*. (ERIC Document Reproduction Service No. ED502872).
- Lang, W. S., Chew, A. L., Crownover, C., Wilkerson, J. R. (2007). Using the Rasch Model to Determine Equivalence of Forms in the Trilingual Lollipop Readiness Test. *Resources in Education*. (ERIC Document Reproduction Service No. ED502963).
- Lang, W. S., & Wilkerson, J. (2007). Disposition: How Do You Know It When You See It?. *Resources in Education*. (ERIC Document Reproduction Service No. ED500235).
- Wilkerson, J.R. & Lang, W. S. (2007). Assessing Teacher Dispositions: Five Standards-Based Steps to Valid Measurement Using the DAATS Model. *Resources in Education*. (ERIC Document Reproduction Service No. ED497230).
- Wilkerson, J.R. & Lang, W. S. (2007). Measuring Teacher Dispositions SOS--Safety, Outcomes, and Standards. *Resources in Education*. (ERIC Document Reproduction Service No. ED502874).
- Wilkerson, J.R. & Lang, W. S. (2007). Assessing Teacher Competency: Five Standards-Based Steps to Valid Measurement Using the CAATS Model. *Resources in Education*. (ERIC Document Reproduction Service No. ED495320).
- Wilkerson, J.R. & Lang, W. S. (2006). Critical Tasks to Measure Teacher Performance: A Design Model. *Resources in Education*. (ERIC Document Reproduction Service No. ED502964).
- Lang, W. S., & Wilkerson, J. (2006). Measuring Teacher Dispositions Systematically Using INTASC Principles: Building Progressive Measures of Dispositions. *Resources in Education*. (ERIC Document Reproduction Service No. ED502887).
- Lang, W. S. (2005). [*DLESE survey and evaluation*](#). Report: National Science Foundation. Annual meeting, July.
- Wilkerson, J.R. & Lang, W. S. (2005). CAATS--Comprehensive Assessments Aligned with Teacher Standards: A Five Step Design Model for Assessing Teachers Validly and Reliably. (ERIC Document Reproduction Service No. ED502867).
- Lang, W. S., & Wilkerson, J. (2005). Easy Approaches to Establishing Validity in a Task-Based Teacher Performance Assessment System. *Resources in Education*. (ERIC Document Reproduction Service No. ED502865).
- Lang, W. S. (2005). Analysis of Disposition Measures of Consistency with INTASC Principles: Results of an Initial Study. *Resources in Education*. (ERIC Document Reproduction Service No. ED502886).
- Wilkerson, J.R. & Lang, W. S. (2004). Exploration of a Taxonomic Framework to New Instrument Development and Items Types: Dimensional Disaster or Informed Instruments? *Resources in Education*. (ERIC Document Reproduction Service No. ED 502873).
- Wilkerson, J.R. & Lang, W. S. (2004). Measuring Teaching Ability with the Rasch Model by Scaling a Series of Product and Performance Tasks. *Resources in Education*. (ERIC Document Reproduction Service No. ED502869).
- Wilkerson, J. & Lang, W. S. (February, 2004) [*Analysis of district coordinators' validity questionnaire on assessment tasks*](#). Report: Bureau of Teacher Certification, Florida Department of Education, Tallahassee, FL.

- Wilkerson, J.R. & Lang, W. S. (2004). *Alignment of National Specialty Professional Association Standards with Florida Content Standards for Teachers*. Report for the Bureau of Educator Recruitment and Professional Development, Florida Department of Education, Tallahassee, FL.
- Lang, W. S. & Wilkerson, J. (2004). [Assessor training on line](#). Audio and web-based modules for the Florida Department of Education.
- Wilkerson, J. & Lang, W. S. (2003). *Alternative certification program alignment of instructional activities with FEAPs and critical skills; Content validity review #2*. Report: Bureau of Teacher Certification, Tallahassee, FL.
- Lang, W. S. & Wilkerson, J.R. (2003). *Instructional validity study of assessment criteria, learning objectives, and instructional opportunities alignment*. Report: Bureau of Teacher Certification, Florida Department of Education, Tallahassee, FL.
- Wilkerson, J. R. & Lang, W. S., (2003). *Florida's alternative certification program assessment system: analysis of district coordinators' validity questionnaire on assessment tasks*. Report: Bureau of Teacher Certification, Florida Department of Education, Tallahassee, FL.
- Lang, W. S. (2002). *Alternative certification program alignment tasks to Ed-Ventures and the survival guide content validity review*. Report: Bureau of Teacher Certification, Florida Department of Education, Tallahassee, FL.
- Wilkerson, J., & Lang, W. S. (2002). *Content validity review: Alternative certification program tasks alignment to Florida Educator Accomplished Practices*. Report: Bureau of Teacher Certification, Florida Department of Education, Tallahassee, FL.
- Lang, W. S. (2002). [Ranking and measuring of sailing teams](#). *Rasch Measurement Transactions of the Rasch Measurement SIG of the American Education Research Association*, 15(4), 851.
- Wilkerson, J.R., Lang, W. S., Hewitt, M., Egley, R., & Stoddard, K. (2002). *Florida's Alternative Certification Assessment System*. Bureau of Teacher Certification, Florida Department of Education, Tallahassee, FL.
- Lang, W.S., Chew, A.L. & Vargas, C. (1995). Rasch model applications to determine the equivalence of a readiness test in two languages. *Resources in Education*, (ERIC Document Reproduction Service No. ED379293).
- Vargas, C. & Lang, W. S. (1994). Rasch model detection of cultural bias in preschool testing of South American and Hispanic American children. *Proceedings of the Eight National Conference on Undergraduate Research*, 1, 283-286.
- Lang, W. S. (1994). [Bilingual testing](#). *Rasch Measurement; Transactions of the Rasch Measurement SIG of the American Education Research Association*, 8(1), 343.
- Lang, W. S., et. al. (1993). Rasch model applications to determine the equivalence of a readiness test in two languages. *Resources in Education*. (ERIC Document Reproduction Service No. ED379293).
- Lang, W. S, Martin, R. A., Moore, D. L., Strickland, J. M., & Chew, A. (1992). Preference for mathematics compared to other academic subjects and its relationship to achievement in the middle grades. *Resources in Education*, (ERIC Document Reproduction Service No. ED353139).
- Green, E. & Lang, W. S. (1991). *The assistant principal in Georgia*. Statesboro: Georgia Southern University, Faculty Research Grant. [Monograph]

- Heggoy, S. & Lang, W. S. (1990). *An analysis of the teaching job market: perspectives from southeast coastal Georgia skies*. Statesboro, GA: (Phi Delta Kappa Research Report). Georgia Southern University.
- Lang, W. S. (Speaker). (1990, July). *Issues in education: the Asian school* [Television interview] . Statesboro, GA: Northland Channel 3 News.
- Lang, W. S. (Speaker). (1990, July). *Issues in education: Comparing states with test scores* [Television interview] . Statesboro, GA: Northland Channel 3 News.
- Lang, W. S. (Speaker). (1990, September). *Issues in education: SAT scores* [Television interview] . Statesboro, GA: Northland Channel 3 News.
- Lang, W. S. & Lang, D. O. (1989). Behavior modification revisited: practical application for the reading teacher. *Resources in Education*, (ERIC Document Reproduction Service No. ED303770).
- Lang, W. S., Branch, A. & Thigpen, S. (1989). Analysis of the effects of the computer enhanced classroom on the achievement of remedial math students. *Resources in Education*. (ERIC Document Reproduction Service No. ED301600).
- Lang, W. S. & Brackett, E. J. (1989). Effects on reading achievement in developmental education: computer assisted instruction and the college student. *Resources in Education*. (ERIC Document Reproduction Service No. ED303771).
- Lang, W. S., et. al. (1987). Analysis of the effects of the computer enhanced classroom on the achievement of remedial high school students. *Resources in Education*. (ERIC Document Reproduction Service No. ED 301 600).
- Lang, D. O. & Lang, W. S. (1987). Behavior modification revisited: Practical application for the reading teacher. *Resources in Education*. (ERIC Document Reproduction Service No. ED303770).
- Clark, T., Lang, W. S., & McCaskill, S. (1986). *The modem manual: apple personal modem version*. Rock Hill, SC: Winthrop College, Governor's Remediation Initiative. [Manual]
- Lang, W. S. (1986, November 16). Glossary may help bridge 'computer gap'. *Savannah News Press*.
- Lang, W. S. & Fowler, D. (1985). *Item analysis on the Apple II*. [Computer program]. Spartanburg, SC: Error 77 Software.
- Lang, W. S. (1984). *Undergraduate student development and its relationship to academic achievement as measured by the Student Developmental Task Inventory-2*. University of Georgia. [Unpublished doctoral dissertation]
- Lang, W. S. (1983). *Summary of Exner System interpretations of Rorschach protocols*. Athens: University of Georgia, Education Research Laboratory. [Monograph]
- Lang, W. S. (1982). *Evaluation of beginning teacher progress and competency based assessment: how does the TPAI rate?* Athens: University of Georgia, Education Research Laboratory.[Monograph]

Published Professional Reviews

- Lang, W. S. (2005). [Review of the book *Constructing Measures: an item response modeling approach*. *Rasch Measurement Transactions*, 19\(3\), 1027.](#)
- Lang, W. S. & Wilkerson, J. R. (2004). [Review of the book *Making Measures*. *Rasch Measurement Transactions*, 17\(4\), 949.](#)
- Lang, W. S. "Assessing Science Understanding: A Human Constructivist View. (Review)(Brief Article)." *CHOICE: Current Reviews for Academic Libraries* 38.7 (March 2001): 1318(2).
- Lang, W. S. "Who Learns What from Cases and How: The Research Base for Teaching and Learning with Cases. (Review)(Brief Article)." *CHOICE: Current Reviews for Academic Libraries* 36 (1999).
- Lang, W. S." Technology and Teaching. (Brief Article)." *CHOICE: Current Reviews for Academic Libraries* 35.n6 (Feb 1998): 1045(1).
- Lang, W. S." In Search of the Virtual Class: Education in an Information Society. (Brief Article)." *CHOICE: Current Reviews for Academic Libraries* 33.n10 (June 1996): 1701(1).
- Lang, W. S." Technology and Teaching. (Brief Article)." *CHOICE: Current Reviews for Academic Libraries* 34. (1997).
- Lang, W. S." Measuring Up: Standards, Assessments, and School Reform. (Brief Article)." *CHOICE: Current Reviews for Academic Libraries* 33.n5 (Jan 1996): 842(2).
- Lang, W. S." Assessing Student Performance: Exploring the Purpose and Limits of Testing. (Brief Article)." *CHOICE: Current Reviews for Academic Libraries* 31.n10 (June 1994): 1633(1).
- Lang, W. S." Literacy Online: The Promise (and Peril) of Reading and Writing with Computers.(Brief Article)." *CHOICE: Current Reviews for Academic Libraries* 30.n9 (May 1993): 1521(2).
- Lang, W. S." Construction versus choice in cognitive measurement: issues in constructed response, performance testing, and portfolio assessment. (Brief Article)." *CHOICE: Current Reviews for Academic Libraries* 30 (1993).
- Lang, W. S." The Handbook of Qualitative Research in Education. (Brief Article)." *CHOICE: Current Reviews for Academic Libraries* 30.n2 (Oct 1992): 356(1).
- Lang, W. S." Knowledge for Policy: Improving Education Through Research." *CHOICE: Current Reviews for Academic Libraries* 29.n5 (Jan 1992): 792(1).
- Lang, W. S." Case studies in computer aided learning." *CHOICE: Current Reviews for Academic Libraries* (1991).
- Lang, W. S." Computer - assisted instruction: a synthesis of theory, practice and technology by L. Erlbaum." *CHOICE: Current Reviews for Academic Libraries* (1991).
- Lang, W. S." Transforming teaching with technology: perspectives from two-year colleges." *CHOICE: Current Reviews for Academic Libraries* (1990).
- Lang, W. S." Computers for educational administrators: leadership in the information age." *CHOICE: Current Reviews for Academic Libraries* (1990).
- Lang, W. S. (1989). Review of the book *Statistics with a sense of humor*.
- Lang, W. S. (1982). Review of a computer program *WAIS-R & WISC-R Computer Reporter*.

Scholarship in preparation and under review

Lang, W. S., & Wilkerson, J. (Tests being piloted). *Disposition assessment aligned with teacher standards. D1: Intervention report, D2: INTASC belief scale, D3: Candidate questionnaire, D4: Focus groups, D5: Situational reflection, D6: Professional Behaviors checklist, D7: Leadership and technology values, D8: Social justice and democratic values.* Preliminary item analysis performed; Furman University, Southern University, University of North Florida, University of South Florida St. Petersburg, & Florida Gulf Coast University

Lang, W. S. & Wilkerson, J. (In preparation). Scholarship and Standards vs. Flawed Rubrics in NCATE's Assessment of Assessment Systems (Standard 2): A Policy Decision for NCATE Staff and Teacher Education Deans.

Selected Institutional Reports

Wilkerson, J., Lang, W.S., Helton, S. Neville, T. Pezzo, M. Wilson, M. Siwik, B. Collins, C. McKinstry, D. (2002). *Report of the SACS Subcommittee on Institutional Effectiveness.* St. Petersburg, FL.; University of South Florida.

Lang, W.S., Bearden, S., Beckett, M., Bonar, C. Mieczkowski, T. (1993). *Report of the Watercraft Advisory Committee.* St. Petersburg, FL.: University of South Florida.

Grant, D., DeNitto, J., Lang, S., Page, J. & Rakestraw, J. (1990). *Faculty evaluation study group report.* Statesboro, GA.: Georgia Southern University.

Lang, W. S., Van Decar, P., Ellaissi, M., Lanier, N. & Van Duesen, J. (1987). *Report of the committee for scholarly productivity.* Statesboro, GA.: Georgia Southern University.

Miller, J., Grindler, M., Stratton, B. & Lang, W. (1987). *Bulloch county schools reading evaluation report.* Statesboro, GA.: Georgia Southern University, College of Education.

Lang, W. S. (1984). *Testing and grading for the college instructor.* Spartanburg, SC: Spartanburg Methodist College, Office of the Vice President.

Lang, W. S. (1984). *How to create a valid and reliable test .* Spartanburg, SC: Spartanburg Methodist College, Office of the Vice President.

Lang, W. S., Watkins, K. & Weidemann, C. (1981). *Pre-post survey of theorists, concepts and constructs .* Athens, GA: University of Georgia, Department of Educational Psychology.

Lang, W. S. & Spears, D. (1979). *Survey on the effects of a freshman orientation program and student activities .* Greenwood, SC: Lander College, Office of Student Affairs.

Lang, W. S. (1979). *Projected model of serving the middle school handicapped .* Ninety Six, SC: School District #52.

Professional Presentations and Workshops

National and International Presentations

- Rea, D., Carter, C., Wilkerson, J., Valesky, T., & Lang, W. S. (March 2010). *Development of an instrument for assessing dispositions of educational leadership candidates*. Paper presented to the National Association of Secondary School Principals/National Council of Professors of Educational Administration Convention and Exposition, Phoenix.
- Wilkerson, J. & Lang, W. S. (Feb. 2010). *Systemic assessment and improvement of teacher dispositions for sustainable change in K-20 education*. Symposia presentation to the [American Association of Colleges of Teacher Education](#), Atlanta.
- Wilkerson, J., Lang, W. S., Golnick, D., & Murray, F. (Feb. 2010). *Demystifying validity, reliability, and fairness: The road map to a transformation initiative in the NCATE redesign*. Symposia presentation to the [American Association of Colleges of Teacher Education](#), Atlanta.
- Lang, W. S., & Wilkerson, J. (March, 2008). *Measuring teacher dispositions with different item structures: An application of the Rasch Model to a complex accreditation requirement*. Paper presentation to the [American Education Research Association](#), New York.
- Lang, W. S., & Wilkerson, J. (March, 2008). *Exploration of a taxonomic framework to new instrument development and items types: Dimensional disaster or informed instruments?* Paper presentation to the XIII [International Objective Measurement Workshop](#), New York.
- Lang, W. S., Wilkerson, J., Torres-Lugo, C., Daniels, L., Christensen, L., (Feb. 2008). *Assessing INTASC principles and the DAATS five-step model*. Symposia presentation to the [American Association of Colleges of Teacher Education](#), New Orleans.
- Lang, W. S., Wilkerson, J. (Feb. 2008). *Accuracy vs. validity, consistency vs. reliability, and fairness vs. absence of bias: Call for quality*. Paper presentation to the [American Association of Colleges of Teacher Education](#), New Orleans.
- Lang, W. S., Wilkerson, J. (Feb. 2008). *Practical and easy approaches for validity, reliability, and fairness using the CAATS model*. Paper presentation to the [American Association of Colleges of Teacher Education](#), New Orleans.
- Lang, W. S., Chew, A. L., Crownover, C., & Wilkerson, J. (April 2007). *Using the Rasch Model to Determine Equivalence of Forms in the Trilingual Lollipop Readiness Test*. Paper presentation to the [American Education Research Association](#), Chicago.
- Wilkerson, J., Lang, W. S. (Feb. 2007). *Scientifically defining the disposition construct: How do you know it when you see it?* Paper presentation to the [American Association of Colleges of Teacher Education](#), New York.
- Lang, W. S., & Wilkerson, J. (Feb. 2007). *Measuring Teacher Dispositions SOS-- Safety, Outcomes, and Standards*. Paper presentation to the American Association of Colleges of Teacher Education, New York.
- Lang, W. S., Wilkerson, J. & Kunkel, R., (Feb. 2007). *Assessing Teacher Dispositions: Five Standards-Based Steps Using the DAATS Model (Discovering Safety, Utility, and Validity in the Standards)*. Workshop presentation to the American Association of Colleges of Teacher Education, New York.
- Wilkerson, J., & Lang, W. S. & Kunkel, R., (Feb. 2007). *Assessing Teacher Competency: Five Standards-Based Steps Using the CAATS Model (Demystifying Validity and Reliability)* Workshop presentation to the American Association of Colleges of Teacher Education, New York.

- Bryce, L.A., Pyrtly, A.J., Greely, T., Hill, H.W., Lang, W.S., & Betzer, P.R. (2006, January). *Using science to teach science: DLESE annual meeting brings together researchers and educators to enhance geosciences learning*. Presentation at the 13th joint meeting of the American Society of Limnology and Oceanography, Estuarine Research Federation, The Oceanography Society, and American Geophysical Union, Honolulu.
- Wilkerson, J. & Lang, W. S. (2006). *Critical tasks to measure teacher performance: A design model*. Paper presented at the Annual Meeting of the American Association of Colleges of Teacher Education, San Diego.
- Lang, W. S. & Wilkerson, J. (2006). *Measuring teacher dispositions systematically using INTASC principles*. Paper presented at the Annual Meeting of the American Association of Colleges of Teacher Education, San Diego.
- Wilkerson, J. & Lang, W. S. (2006). *Measuring dispositions with practicality, utility, validity, and reliability in mind*. . Workshop presented at the Annual Meeting of the American Association of Colleges of Teacher Education, San Diego.
- Lang, W. S. & Wilkerson, J. (2006). *Demystifying validity and reliability in teacher assessment: you can do it!* . Workshop presented at the Annual Meeting of the American Association of Colleges of Teacher Education, San Diego.
- Wilkerson, J. & Lang, W. S. (2006). *Critical tasks to measure teacher performance: A design model*. Workshop presented at the Annual Meeting of the American Association of Colleges of Teacher Education, San Diego.
- Lang, W. S. & Wilkerson, J. (2005). *Demystifying validity and reliability in teacher assessment: you can do it!* . Workshop presented at the Annual Meeting of the American Association of Colleges of Teacher Education, Washington D.C.
- Wilkerson, J. & Lang, W. S. (2005). *Measuring dispositions with practicality, utility, validity, and reliability in mind*. . Workshop presented at the Annual Meeting of the American Association of Colleges of Teacher Education, Washington D.C.
- Wilkerson, J. & Lang, W. S. (2005). *CAATS: comprehensive assessments aligned with teacher standards-a five step design model for assessing teachers validly and reliably*. Paper presented at the Annual Meeting of the American Association of Colleges of Teacher Education, Washington D.C.
- Wilkerson, J., Lang, W.S., Kunkel, R., Daniel, L., & Hecker, H. (2005). *Measuring teacher dispositions with credibility: a multi-institutional perspective*, Symposia presented at the Annual Meeting of the American Association of Colleges of Teacher Education, Washington D.C.
- Barrett, H.; Wilkerson, J.; & W. S. Lang. (February 2005). *Competing paradigms in electronic portfolios: Balancing high-stakes "Tests" with "Stories" of deep learning*. Interactive Session presented at the annual meeting of the American Association of Teacher Educators in Washington, D.C.
- Lang, W. S. & Wilkerson, J. (2005). *Easy approaches to establishing validity in a task-based teacher performance system*. Paper presented at the Annual Meeting of the American Association of Colleges of Teacher Education, Washington D.C.
- Wilkerson, J. & Lang, W. S. (2004). *Measuring teacher dispositions with different item structure: an application of the Rasch model to a complex accreditation requirement*. Paper prepared for presentation at the XII International Objective Measurement Workshop, Cairns, AU.

- Lang, W. S. & Wilkerson J. (2004). *Measuring college sailing ability: an application of the many-facet Rasch model to ordinal data*. . Paper prepared for presentation at the XII International Objective Measurement Workshop, Cairns, AU.
- Wilkerson, J. & Lang, W. S. (2004). *Measuring teacher ability: an application of the Rasch model to teacher certification using performance measures*. . Paper prepared for presentation at the XII International Objective Measurement Workshop, Cairns, AU.
- Wilkerson, J.; Lang, W.S.; & Barrett, H. (March 2004). *Legal and psychometric issues of portfolios for teacher certification assessment*. Electronic Portfolio Symposium, (Barrett, H., Session Organizer). Paper presented at the International Conference of the Society for Information Technology in Teacher Education. Atlanta, Ga.
- Wilkerson, J., Lang, W. S., Toldson, I., Albert, H. Jacobs, R. Peoples, J., & Trahan, G. (2004). *Assessment frameworks: designing and using standards-based rubrics to make decisions about knowledge, skills, dispositions, and K-12 impact*. Workshop presented at the Annual Meeting of the American Association of Colleges of Teacher Education, Chicago, IL.
- Wilkerson, J., Weitman, C., Lang, W.S., Giordano, V. Hewitt, M. & Egley, R. (2003). *Designing standards-based tasks and scoring instruments to collect and analyze data for decision-making*. Workshop presented at the Annual Meeting of the American Association of Colleges of Teacher Education, New Orleans, LA.
- Wilkerson, J., Lang, W.S., Hewitt, M. & Egley, R. (2003). *Alternative and traditional teacher preparation programs: A partnership*. Roundtable presented at the Annual Meeting of the American Association of Colleges of Teacher Education, New Orleans, LA.
- Lang, W.S., Egley, R. & Wilkerson, J. (2002). *Legal challenges and litigation regarding performance measures for teacher certification*. Paper presented at the Association of Teacher Educators Conference, Jacksonville, FL.
- Wilkerson, J., Lang, W.S., et. al. (2002). *Standards-based performance assessment: a web-based approach*. Symposium presented at the Association of Teacher Educators Conference, Jacksonville, FL.
- Wilkerson, J., Lang, W.S., et. al. (2002). *Creating and using standards infused scoring instruments to measure candidate proficiency and program quality*. Clinic presented at the Association of Teacher Educators Conference, Jacksonville, FL.
- Lang, W. S. & Lang, D.O. (2000). *Ping pong balls and cannon balls, issues in the assessment and treatment of reactive attachment disorder*. Paper presented at the 2000 International Adolescent Conference X, Portland, OR.
- Lang, W. S. (1995). *Controlling bias in observer ratings, an example using student evaluations*. Paper Presented at the annual meeting of the American Statistical Association Conference, Orlando, FL.
- Lang, W. S. (1995). *Rasch model characteristics of classroom test items identified by students as "Unfair": Dizney Revisited*. Paper presented at the American Education Research Association Conference. San Francisco, CA.
- Lang, W.S., Chew, A.L. & Vargas, C. (1993). *Rasch model applications to determine the equivalence of a readiness test in two languages*. Paper presented at the Seventh International Objective Measurement Workshop. Atlanta, GA.
- Stratton, B.D., Grindler, M.C., Miller, J.W., Lang, W.S., & McKenna, M.C. (1991). *A study of knowledge control strategy use by influential and noninfluential teachers in comprehension and decoding instruction*. Paper presented at the National Reading Conference, Palm Springs, CA.

Clark, K. & Lang, W. S. (1990). *Searching for information: teacher preparation for the future*. Paper presented at the Technology and Teacher Education Conference, Greenville, NC.

Lang, W. S. (1985). *Predicting academic achievement with task development*. Paper presented to the National Association of Developmental Educators, St. Louis, MO.

Regional Presentations

Wilkerson, J., Lang, W. S., & Rhodes, T. (Dec. 2009). *Demystifying assessment: assessing cognitive student learning outcomes, Part I*. Presentation at the annual meeting of the Southern Association of Colleges and Schools: Commission on Colleges, Atlanta.

Wilkerson, J., Lang, W. S. (Dec. 2009). *Demystifying assessment: assessing cognitive student learning outcomes (SLO's), Part II*. Presentation at the annual meeting of the Southern Association of Colleges and Schools: Commission on Colleges, Atlanta.

Wilkerson, J., Lang, W. S. (Dec. 2009). *Demystifying assessment: assessing affective student learning outcomes, Part III*. Presentation at the annual meeting of the Southern Association of Colleges and Schools: Commission on Colleges, Atlanta.

Wilkerson, J., Lang, W. S. & Budnik, R. (Dec. 2008). *Demystifying student learning outcomes assessment using theory, best practices, and technology*. Presentation at the annual meeting of the Southern Association of Colleges and Schools: Commission on Colleges, San Antonio.

Wilkerson, J. & Lang, W. S. (2004). *Measuring Knowledge, Skills, and Dispositions*. Paper presented at the annual meeting of the Southeastern Regional Association of Teacher Educators hosted by the Florida Association of Teacher Educators, Orlando.

Lang, W. S. & Wilkerson, J. (2004). *Measuring Impact on K-12 Learning*. Paper presented at the annual meeting of the Southeastern Regional Association of Teacher Educators hosted by the Florida Association of Teacher Educators, Orlando.

Lang, W. S. & Karl, H. (2002). *Sentence Combining Practice in the Social Studies Classroom*. Paper presented at the Florida Educational Research Association Meeting, Gainesville, FL.

Fields, L., Hewitt, M. & Lang, W. S. (2001). *A comparison of content: Florida's teacher certification examination and Florida's educator accomplished practices*. Paper presented at the Florida Education Research Association, Marco Island, FL.

Lang, W. S. & Chew, A.L. (1997). *Improving Assessment to Improve Retention Benefits in Kindergarten*. Paper presented at the annual meeting of the Eastern Education Research Association, Hilton Head, SC.

Lang, W. S. (1996). *Online Measurement: Save time and make students happier with computerized testing*. Paper presented at the Symposium on 21st Century Teaching Technologies, Tampa, FL.

Lang, W.S., Chew, A.L. & Gill, C.C. (1995). *Predicting academic success of promoted and retained kindergarten students from multiple variables*. Paper presented at the Eastern Education Research Association, Hilton Head, SC.

Lang, W. S. & Grigsby, M. (1994). *Statistics for measuring the efficiency of electronic information searching*. Paper presented at the Eastern Education Research Association. Sarasota, FL.

- Martin, R. & Lang, W. S. (1992). *Changes in relative preference for academic subjects among primary and middle grades children*. Paper presented at the Mid-South Regional Conference on Psychology in the Schools. Jackson, MI.
- Lang, W.S., Chew, A.L. & Schomber, J. (1992). *The comparative use of the Spanish and English editions of the Lollipop Test : a cross cultural study*. Paper presented at the Eastern Education Research Association Conference. Hilton Head, SC.
- Chew, A. & Lang, W. S. (1992). *Validation of the Spanish edition of the Lollipop Test (La Prueba Lollipop)* . Paper presented at the Eastern Education Research Association Conference. Hilton Head, SC.
- Lang, W.S., Martin, R. & Strickland, J. (1992). *The comparison of teachers' and students' subjects preferences* . Paper presented at the Eastern Education Research Association Conference. Hilton Head, SC.
- Lang, W. S. (1991). *Assessment of innovative programs in science and mathematics*. Paper presented at the annual conference of the Georgia Science Supervisors Association. Statesboro, GA.
- Lang, W. S. & Heggoy, S. (1990). *An analysis of the teaching job market: perspectives from southeast Georgia skies*. Paper presented at the annual conference of the Georgia Education Research Association, Atlanta.
- Lang, W.S., Chew, A.L. & Schomber, J. (1990). *An initial study of the Spanish edition of the Lollipop Test*. Paper presented at the annual conference of the Georgia Education Research Association, Atlanta.
- Clark, K. & Lang, W. S. (1990). *The graphical presentation of data*. Paper presented at the annual University System Network Computing Conference, Rock Eagle, GA.
- Lang, W. S. & Chew, A. L. (1990). *Using the Lollipop norms to answer your educational questions*. Paper presented at the meeting of the Georgia Head Start Coordinators, Macon, GA.
- Lang, W. S. & Clark, K. (1990). *Software innovations in mathematics instructions*. Presentation at the PDK sponsored "Mathematics Penthalon", Statesboro, GA.
- Lang, W. S. & Clark, K. (1990). *Computer applications for administrators*. Presentation at the Assistant Principals Conference, Atlanta, GA.
- Lang, W. S., Martin, R. A., Moore, D. L. & Strickland, J. M. (1989). *Preference for mathematics compared to other academic subjects and its relationship to achievement in the early grades*. Paper presented at the annual meeting of the Georgia Education Research Association, Atlanta, GA.
- Lang, W. S. & Chew, A. L. (1989). *Developing norms for the Head Start Children of Georgia*. Paper presented at the annual meeting of the Georgia Education Research Association, Atlanta, GA.
- Clark, K. & Lang, W. S. (1989). *A comparison of major statistical packages for microcomputers*. Paper presentation at the University System Computing Network Conference, Rock Eagle, GA.
- Lang, W. S., Martin, R. A., Moore, D. L. & Strickland, J. M. (1989). *Preference for mathematics compared to other academic subjects and its relationship to achievement in the early grades*. Paper presented at the Eastern education Research Association Meeting, Savannah, GA.

- Lang, W. S. & Chew, A. L. (1988). *The predictive validity of the Lollipop Test*. Paper presented at the Georgia Education Research Association, Atlanta, GA.
- Lang, W. S. & Green, E. T. (1988). *Report on the assistant principalship in Georgia*. Paper presented at two sessions of the Assistant Principals Conference; Statesboro, Macon.
- Lang, W. S., Branch, A. & Thigpen, S. (1987). *Analysis of the effects of the computer enhanced classroom on the achievement of remedial high school math students*. Paper presented to American Education Research Association Division G: Southeastern Regional Conference, Atlanta.
- Lang, W. S. & McNair, B. (1987). *Microcomputer applications in department planning and scheduling*. Paper presented at the University Network Computing Conference, Rock Eagle, GA.
- Green, E.T. & Lang, W. S. (1987). *Defining the role of the assistant principal in Georgia*. Paper presented at the Georgia Association of Educational Leaders, Jekyll Island.
- Lang, D. O. & Lang, W. S. (1986). *Behavior modification revisited: a practical approach for the reading teacher*. Paper presented at the Georgia Education Research Association, Atlanta, GA.
- Lang, W. S. (1985). *Issues in developmental testing: when do your students fly up?* Paper presented to the South Carolina Association of Developmental Educators, Columbia, SC.
- Lang, W. S. (1985). *Effects on reading achievement in developmental education: computer assisted instruction and the college student*. Paper presented to the Will Lou Gray Council of the South Carolina International Reading Association, Columbia, SC.
- Lang, W. S. (1983). *Student task development and its application to academic achievement*. Paper presented to the Georgia Education Research Association, Atlanta, GA.

Department of Education Contracted Workshops and Invited School Addresses

- Lang, W. S. (January, 2010). *Drop out and graduation statistics*. Presentation to *America's Promise Alliance*. Pinellas County Schools. St. Petersburg, FL.
- Wilkerson, J. R. & Lang, W. S. (December, 2008). *Presentation on assessment of teacher dispositions*; Qualitative Research Team, Louisiana Board of Regents. Baton Rouge, LA.
- Wilkerson, J. & Lang, W. S. (July, 2004). *Florida's Alternative Certification Program fall workshop: Assessor training*. Sponsored by the Florida Department of and the Sarasota County Public Schools. Sarasota, FL.
- Wilkerson, J. & Lang, W. S. (July, 2004). *Deans' and directors' assessment retreat*. Sponsored by the Florida Department of Education, Florida State University, and the Florida Association of Colleges of Teacher Education, Tampa.
- Wilkerson, J.R. & Lang, W. S. (October 2004). *Fall ACP workshop*, Florida Alternative Certification Program, Bureau of Teacher Certification, Florida Department of Education, Tallahassee, FL.
- Wilkerson, J.R. & Lang, W. S. (June 2004). *Designing an assessment system for alternative certification*, Florida Alternative Certification Program, Bureau of Teacher Certification, Florida Department of Education, Orlando, FL.

- Wilkerson, J.R. & Lang, W. S. (March 2004). *Validation and cut-score setting session*, Florida Alternative Certification Program, Bureau of Teacher Certification, Florida Department of Education, Tallahassee, FL.
- Wilkerson, J. & Lang, W. S. (May, 2004). *Assessment issues and solutions: A symposium for Florida deans and directors*. Presented at the Florida Association of Colleges of Teacher Education, Orlando.
- Wilkerson, J. & Lang, W. S. (2004). *Florida's Alternative Certification Program assessment workshops*. Presented at Tallahassee, Orlando, and West Palm Beach.
- Egley, R., Hewitt, M., S. Lang, K. Stoddard, & Wilkerson, J. (2003). *Designing standards-based tasks and assessment systems*. Regional workshop sponsored by the Florida Department of Education, Ft. Lauderdale, FL.
- Lang, W. S. & Wilkerson, J. (2003). *How to create a legally defensible portfolio assessment*, Alternative Certification Program Fall Workshop, Florida Department of Education, Tallahassee.
- Wilkerson J., Lang, W.S., Hewitt M., Stoddard K., & Egley R. (2003). *Designing standards-based tasks and assessment systems* for the Florida Department of Education, Regional Workshops in Tallahassee, Tampa, Miami.
- Lang, W. S. (2002) *High Stakes Testing: The consequences of intellectual accountability*. Presented as part of the Hidden Curriculum Program for Ethics in Education and Community, University of South Florida, St. Petersburg, FL.
- Lang, W. S. (2002). *K-20 Partnership Committee Members and Guests: Title II teacher quality enhancement grant project* for the Bureau of Teacher Certification, Florida Department of Education.
- Lang, W. S. (1995). *Teachers know best: The development of practical teacher-action research* for ProEd day at Meadowlawn Middle School in 1995, St. Petersburg, FL.
- Lang, W. S. (1995). *Recent developments in the measurement of intelligence: the bell curve revisited*. Invited address given to the annual meeting of the Tampa Bay MENSA, St. Petersburg, FL.
- Lang, W. S. (1994). *Tools for schools* for ProEd day at Northshore Elementary in 1994; St. Petersburg, FL.
- Lang, W. S. (1993). *Getting started with your Mac* for ProEd day at Northshore Elementary School in 1993; St. Petersburg, FL.
- Lang, W. S. (1992). *Performance -based testing for science teachers* for Project SENSE of the Science Museum of Georgia Southern University, Statesboro, GA.
- Lang, W. S. (1992). *The standards and codes for fair practice in testing; applications of psychometrics* for the South Eastern Georgia Association of School Psychologist, Jesup, GA.
- Lang, W. S. (1991). *Tips for readers of research* for the Coastal Area Chapter of the American Dietetics Association at the Memorial Medical Center; Savannah, GA.
- Lang, W. S. (1990). *Standards for educational and psychological tests* for Psychological Services of the Chatham County Schools, Savannah, GA.
- Lang, W. S. (1990). *Innovative software for teaching mathematics* at the Third Annual Teaching Mathematics Conference, Statesboro, GA.

- Lang, W. S. (1989). *Students who do not learn math* at the Second Annual Teaching Mathematics Conference, Statesboro, GA.
- Lang, W. S. (1989). *Software evaluation clinic* at the Georgia Instructional Technology Conference, Statesboro, GA.
- Lang, W. S. (1988). *The upcoming crisis in mathematics in America* at the First Annual Teaching Mathematics Conference, Statesboro, GA.
- Lang, W. S. (1987). *Future trends in computer education* conference in Georgia sponsored by the National Science Foundation, Statesboro, GA.
- Lang, W. S. (1986). *A little more LOGO* at the Expectations of Excellence Conference for teachers, Hilton Head, SC.
- Lang, W. S. (1985). *The Computer for College English Instruction-Tool, Tutor, Tutee* workshop for the college faculty of Spartanburg Methodist College, Spartanburg, SC.
- Lang, W. S. (1984). *Testing and grading for the college instructor* workshop for the college faculty at Spartanburg Methodist College in 1984; Spartanburg, SC.
- Lang, W. S. (1984). *How to create a valid and reliable test* workshop for college faculty at Spartanburg Methodist College, Spartanburg, SC.
- Lang, W. S. (1984). *Preparing yourself* at the Phi Gamma Nu business Fraternity Conference on Interviewing Skills, Clemson, SC.
- Lang, W. S. (1979). *Effects of a freshman orientation program and student activities* workshop for college faculty at Lander College, Greenwood, SC.
- Lang, W. S. (1979). *Projected models of serving the middle school emotionally handicapped* workshop for the Lake Greenwood Project, Ninety Six, SC.

Grants at the University of South Florida

- Teacher Education Program Approval Process: Technical Assistance, Florida Department of Education, J. Wilkerson (PI), W. S. Lang (PI) in Spring 2004: \$150,000.
- PASS-Performance Assessment System for Students, J. Wilkerson (PI), W. S. Lang, Consultant: \$100,000, 2001-2002.
- Pinellas County Schools, 1997-1998, (PI), "Yes We Care" \$90,000. W. S. Lang (PI)
- Florida Department of Education, 1996, "Area Center for Educational Enhancement" \$1,000,000 G. Meisels (PI), C. Riggs, W. S. Lang (Evaluator).

Grants at Georgia Southern University

- Eisenhower Foundation Grant, 1992, "Project SENSE; Science Education in the Nineties in the Southeast." \$286,282 D. Presley (PI), C. Cox, W. S. Lang (Instructor).
- Phi Delta Kappa Research Grant, 1988-1989, "The Teacher Shortage in Rural Georgia." \$2,400. W. S. Lang (PI), S. Heggoy, B. McNair.
- Faculty Research Grant, 1987-1988, "The Role of the Assistant Principal in Georgia." \$2,500. W. S. Lang (PI) & E. Green.

Grants at Winthrop College

SC Department of Education, 1984-1986, "Governor's Remediation Initiative" \$5,000,000, S. McCaskill (PI). W. S. Lang (Computer Specialist & Evaluator).

Faculty Committees at the University of South Florida

- College of Education Honors and Awards Committee, 2009-2010
- Campus Holiday Committee, 2009
- College of Education Faculty Council, Elected, 2008-2010
- College of Education Constitution and By-Laws Committee, Chair, 2008-2010
- College of Education Faculty Council, Elected, Chair, 2007-2008
- College of Education By-Laws and Constitution Committee 2007-2008
- Sabbatical Committee, 2006-2007
- College of Education Faculty Council, Elected, Vice Chair, 2006-2007
- Campus Graduate Council, 2005-2007
- Campus Research Committee, 2004-2006, Elected Chair, 2004-2005
- College of Education Promotion and Tenure Committee, Elected Chair, 2004
- College of Education Elected Governance Council, 2003-2004
- Campus Promotion and Tenure Committee, 2002-2005
- Two Faculty Search Committees, 2002-2003
- Vice-President's Task Force on Campus Planning, 2002-2003
- College of Education Governance Council, 2002-2003
- SACS Committee on Institutional Effectiveness, 2002
- Two Faculty Search Committees, Chair of one, 2000-2001
- President's Athletic Council, 2000-2003
- Campus Technology/Web Advisory Committee, 2002-2003
- Campus Athletic Fee Committee, 1999-2001
- Campus Improvement Trust Fund Committee, 1996-2001
- Campus Faculty Council, 1996-2000
- St. Petersburg Campus Computing Committee, Elected Chair 1995-2002
- Computer Laboratory Director Search Committee, 1995
- Library Computer Director Search Committee, 1995
- Two Faculty Search Committees, 1995
- Library Director Search Committee, 1993-1994
- Teaching Incentive Performance Committee, 1993-1994
- SACS Outcomes Assessment Committee, 1992-1993
- Scholarship and Awards Committee, 1992-1993
- Academic Computing Committee, 1993-1997, Chair
- Watercraft Advisory Committee, 1992-1993, Chair

Other University Service

University of South Florida Sailing Coach 1993-2000.

National qualifier: Team Racing, 1998, 1999; Men's Single-handed, 1998, 1999

Community Committees with Pinellas County Schools

- Transition to Teaching Alternative Certification, 2003-2005
- Jason Project Committee with Department of Marine Science, 1995
- Principal Search Committee for the PHUHS IB Program, 1994
- Magnet School-St. Petersburg WAN Committee, 1994
- Palm Harbor University High School Design, 1993-1994

Faculty Committees at Georgia Southern University

- Admissions Committee, 1991-1992, Elected
- Faculty Research Committee, 1987-1991, Elected
- Six Faculty Search Committees, 1986-1990, Chair of two
- Committee on Faculty Evaluation, 1989-1990
- NCATE Faculty Review Committee; School of Education, 1989-1990
- Committee to Enhance Scholarly Productivity; Co-Chair, 1988
- Curriculum Committee; Chair, 1986-1987, Elected
- Media Committee; School of Education, 1986

Acknowledgements

- *Developmental and Interpretive Manual for the Lollipop Test: A Diagnosis Screening Test of School Readiness-III*, Alex Chew; Statistical Consultant and Analysis, 2007.
- *Administrative Needs Assessments in Georgia: Summary, Trends, and State Policy Relationships*, Malcolm Katz & Ralph Kimbrough, 1991; Consultant and data analysis.
- *Georgia Identifies Its Most Troublesome Administrative Problems*, Malcolm Katz, 1988; Consultant and data analysis.
- *Applying Educational Research (3rd)*, text, Walter Borg, Longman, 1987; Reviewer.
- *International Scenario Writing Project of the Fifth World Conference on Gifted Children, Youth and Adults*, 1983; Judging Team.
- *Educational Psychology*, text, Kelvin Sheifert, Houghton Mifflin, 1983; Reviewer.
- *Preliminary Norms-Technical Manual: Demonstrator Form A Torrance Tests of Creative Thinking*, P. Torrance, Tzu-Hui, & Terutsudo A., 1980; Data Collection.

Selected Personal Activities

- [St. Petersburg Sailing Association](#), elected Commodore 2008-2009
- [Snipe Fleet 801](#), St. Petersburg, FL, Co-Captain 2008-2009
- [St. Petersburg Yacht Club](#): 1995, *Young America*, America's Cup Committee
- [Trinity Presbyterian Church](#): Elder, Chair Personnel Committee, Bible study leader: Clearwater, FL, 2004-2007, Choir, 2001-2007
- Faculty advisor USF Sailing Club, 1992-2006
- Faculty advisor for the Georgia Southern University Windsurfing and Sailing Club, 1986-1991
- Member of the Clearwater Wind Ensemble, 1993
- Member of the Statesboro-Georgia Southern Symphony 1985-1991: Section principal, 1988
- Member of 1st Presbyterian Church of St. Petersburg, 1992-1993: Choir
- Member of Hope Presbyterian Church, Clearwater: Choir, 1993-1994
- Member of the 1st Presbyterian Church of Statesboro, GA: Choir, 1986-1992
- 1st Presbyterian Church of Statesboro, Statesboro, GA: Deacon, 1991-1992
- Member of St. Giles Presbyterian Church, Greenville, SC, 1985-1986
- Windsurfing and Sailing Instructor, University of Georgia, 1981-1983
- Youth soccer coach and referee, 1979-1996
- Western Carolina Sailing Club, SC, 1984-1986
- Lander College Wind Ensemble, 1979-1981

Internet Contacts

- <http://www.linkedin.com/>
- <http://www.facebook.com/>
- <http://www.genebase.com/>
- <http://easeassociates.com/>
- <http://www.knology.net/~ws.lang/>